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Energy Data Report

Cost & Quality of Fuels for Electric Utility Plants 1980 Annual

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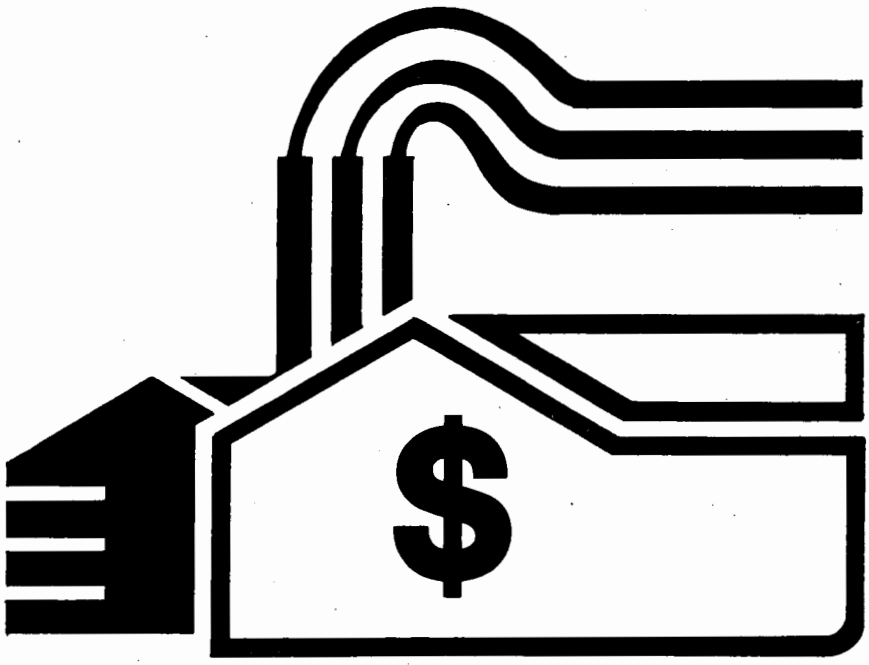

Cost and Quality of Fuels for Electric Utility Plants - Annual

Released for Printing June 25, 1981

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Executive Summary

In 1980, the production of electric energy rose 1.7 percent, reaching a new record of 2,286 billion kilowatthours. The biggest increase in electric generation occurred in coal plants which produced 1,162 billion kilowatthours, or 50.8 percent of the total. Coal generation increased 8.0 percent from the 1979 level. The second largest increase in electric generation came from gas units, increasing to a level of 346 billion kilowatthours, an increase of 4.8 percent from 1979. Coal and gas generation made up for the 1.9 percent decrease in oil generation and the 0.2 percent decrease in nuclear generation during the year. Oil generation decreased 1.9 percent from last year, mainly due to the high cost of residual oil.

Coal consumption increased 8.2 percent to reach a level of 570 million tons. Gas consumption decreased 1.9 percent to a level of 3,423 million Mcf; oil consumption fell 19.7 percent as compared to 1979.

Total electric power generation and fossil fuel consumption by electric utilities for the period 1977-1980 are shown, respectively, in Tables 1 and 2.

Unit cost of fossil fuels increased an average of 16.0 percent in 1980, as shown in Table 3 and Figures 2 - 4. Consequently, the total cost of all fossil fuels consumed by electric utilities reached a record 36.2 billion dollars, 20.3 percent above the 1979 cost. The estimated cost of fossil fuels consumed by electric utilities is shown in Table 4.

In 1980, utilities reporting on Form 423 purchased 594.0 million tons of coal, 408.5 million barrels of oil, and 3,568.7 billion cubic feet (Bcf) of gas. The combined energy content of these purchases totaled 18.9 quadrillion Btu's, a 1.6 percent increase from similar purchases made last year. On a tonnage basis, utility coal purchases rose 37.4 million tons, a 6.7 percent increase above the 1979 purchases. Furthermore, on a total Btu basis, coal receipts increased 6.4 percent. Oil receipts to electric utilities decreased in 1980 by 107.9 million barrels, a 20.9 percent decrease. Total heat content decreased 20.5 percent from the previous year. Gas purchases increased for the fourth year in a row. Table 5 shows the quantities and total energy content of the fossil fuel receipts to utilities in 1979 and 1980.

The total cost of fossil fuel receipts to electric utilities reporting on Form 423 reached $36.3 billion in 1980, an increase of more than $5.8 billion, or 19.2 percent over last year's cost. The total cost of fossil fuel receipts to electric utilities in 1979 and 1980 is shown in Table 6.

Table 1. Production of Electric Energy by Electric Utilities, 1977-1980 (Billion Kilowatthours)

	1977	1978		1979		1980	
Fuel	Generation	Generation	Percent Change From 1977	Generation	Percent Change From 1978	Generation	Percent Change From 1979
Coal.....	986	977	- 0.9	1076	10.1	1162	8.0
Oil.....	358	364	1.7	303	-16.8	246	- 1.9
Gas	305	305	0.0	330	8.2	346	4.8
Nuclear.....	251	276	10.0	255	-7.60	251	- 0.2
Hydro.....	220	281	27.7	280	- 0.4	276	- 0.1
Other.....	4	3	-25.0	4	33.3	6	50.0
Total.....	**22124**	**2207**	**3.9**	**2247**	**1.8**	**2286**	**1.7**

Note: 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 1977), DOE/EIA-0049/78 (for 1978), DOE/EIA-0049/79 (for 1979) DOE/EIA-0049/80 (for 1980), and Electric Power Monthly, DOE/EIA-0226/6 (for 1980).

Table 2. Quantity of Fossil Fuels Consumed by Electric Utility Plants, 1977-1980

		1977	1978		1979		1980	
Fuel	Units Millions	Quantity	Quantity	Percent Change From 1977	Quantity	Percent Change From 1978	Quantity	Percent Change From 1979
Coal....	Tons	477	482	1.0	527	9.3	570	8.2
Oil.....	Bbls	624	636	1.9	523	-17.8	420	-19.7
Gas.....	Mcf	3189	3188	0.0	3491	9.5	3423	- 1.9

Note: 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 1977), DOE/EIA-0049/78 (for 1978), DOE/EIA-0049/79 (for 1979) DOE/EIA-0049/80 (for 1980), and Electric Power Monthly, DOE/EIA-0226/6 (for 1980).

Table 3. Average Cost of Fossil Fuel Receipts to Electric Plants (Cents per Million Btu)

	1977	1978		1979		1980	
Fuel	Average Cost	Average Cost	Percent Change From 1977	Average Cost	Percent Change From 1978	Average Cost	Percent Change From 1979
Coal.....	94.7	111.6	17.8	122.4	9.7	135.1	10.3
Oil.....	225.5	219.0	-2.9	308.4	40.8	431.5	39.9
Gas.....	129.4	142.8	10.4	175.0	22.5	221.4	26.5
Average .	**129.5**	**140.9**	**8.8**	**164.2**	**16.5**	**190.4**	**16.0**

Source: •Federal Power Commission Form 423.

Table 4. Estimated Cost of Fossil Fuels Consumed by Electric Utility Plants, 1977-1980 (Million Dollars)

	1977	1978		1979		1980	
Fuel	Estimated Cost	Estimated Cost	Percent Change From 1977	Estimated Cost	Percent Change From 1978	Estimated Cost	Percent Change From 1979
Coal....	9,719.6	11,439.2	17.7	13,789.4	20.5	16,377.5	18.8
Oil.....	8,623.7	8,554.2	- 0.8	9,947.5	16.3	11,384.7	14.4
Gas.....	4,241.4	4,718.2	11.2	6,318.7	33.9	8,402.4	33.0
Total ..	**22,584.7**	**24,711.6**	**9.4**	**30,055.6**	**21.6**	**36,164.0**	**20.3**

Note: Calculated by applying average unit cost of fossil fuels receipts to electric plants (FPC Form 423) to the quantities of fuels consumed (FPC Form 4).

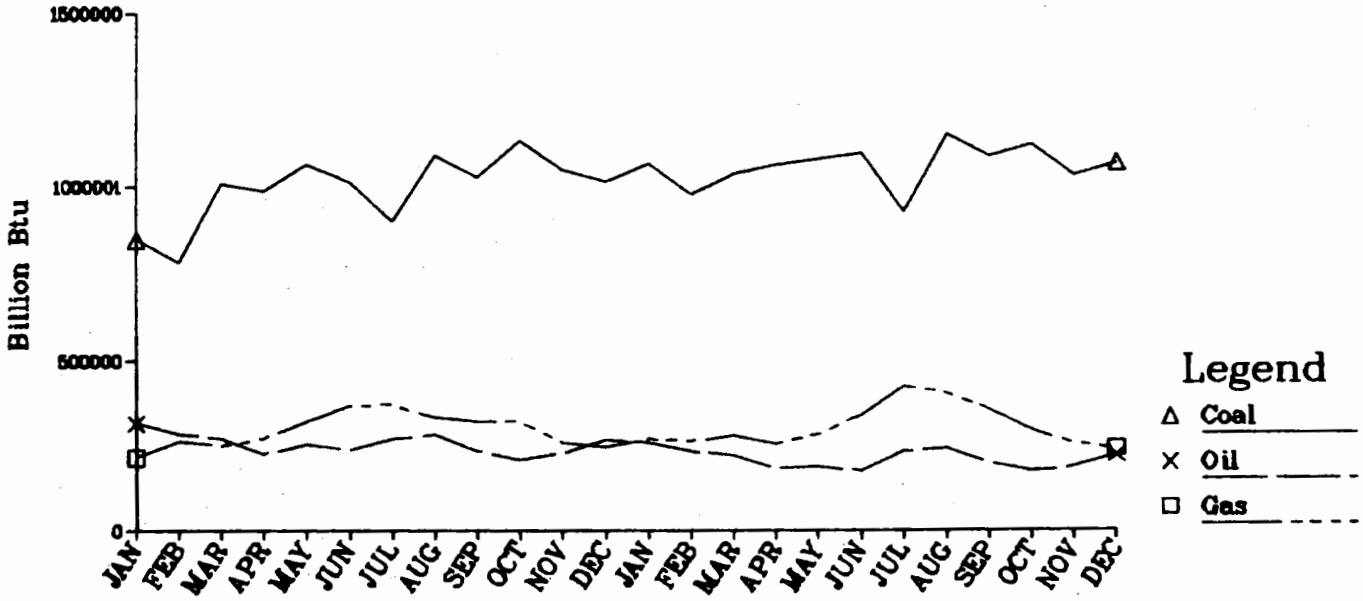


Figure 1. Receipts of Fossil Fuels
Source : FPC Form 423 1979/80

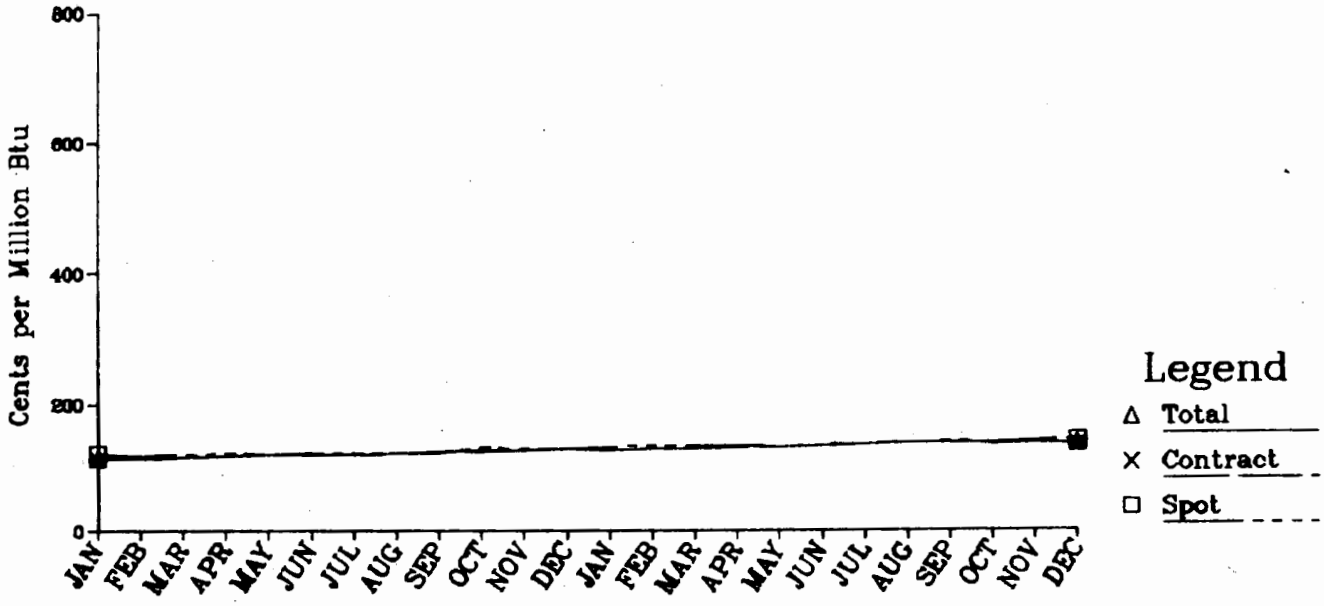


Figure 2. Cost of Coal in Cents per Million Btu
Source : FPC Form 423 1979/80

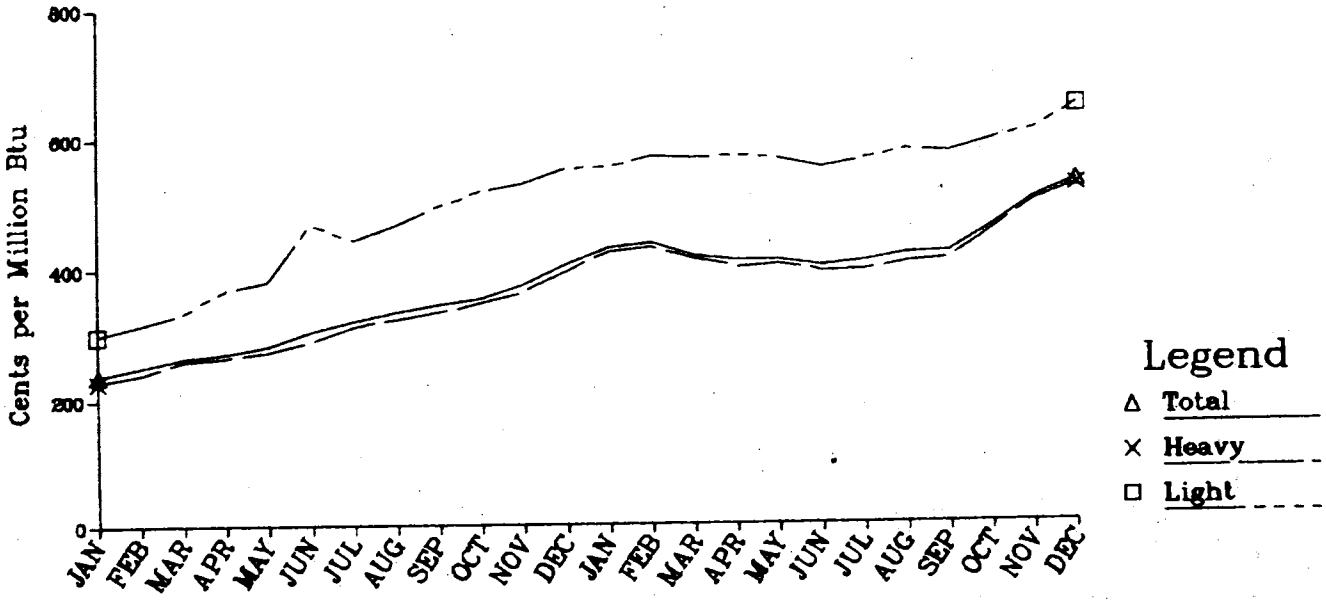


Figure 3. Cost of Oil in Cents per Million Btu
Source : FPC Form 423 1979/80

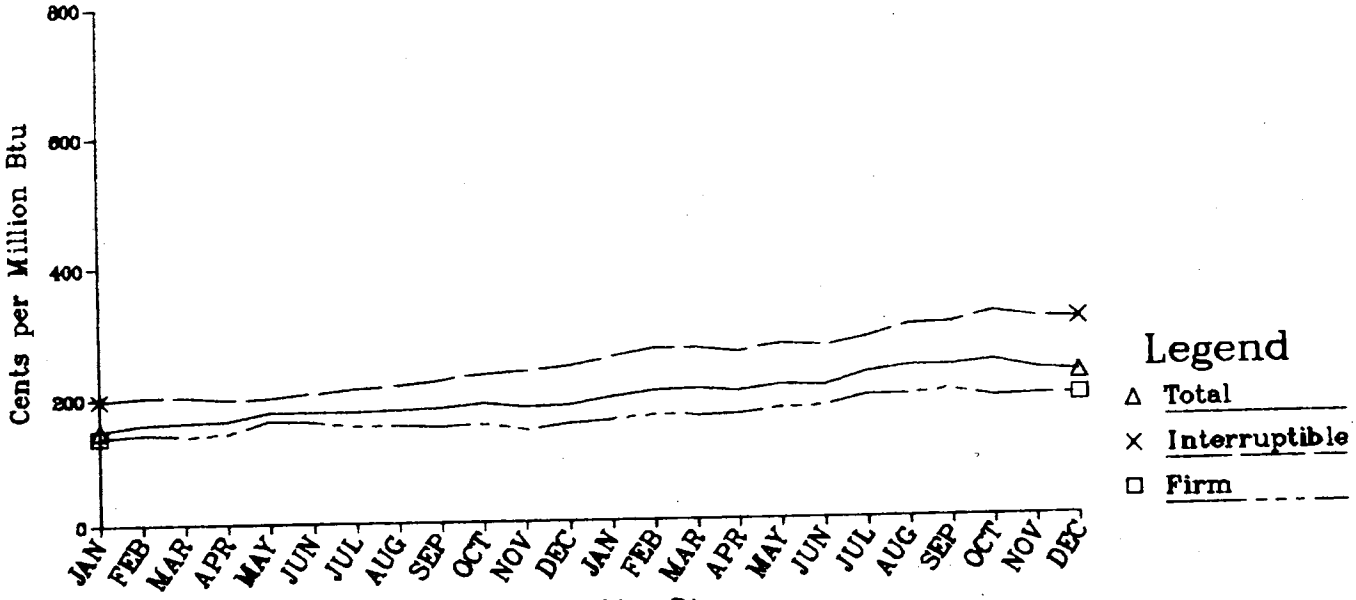


Figure 4. Cost of Gas in Cents per Million Btu
Source : FPC Form 423 1979/80

Table 5. Receipts of Fossil Fuels by Electric Utilities, 1979-1980

Fuel	1979 Quantity (millions)	1979 Total Btu (trillions)	1979 Percent of Total Fossil Energy	1980 Quantity (millions)	1980 Total Btu (trillions)	1980 Percent of Total Fossil Energy
Coal	**556.6(tons)**	**11,893.2**	**64.0**	**594.0(tons)**	**12,648.9**	**65.7**
Oil						
Steam	489.0(bbls)	3,027.3	16.3	393.7(bbls)	2,446.3	12.7
Peaking	27.4(bbls)	157.9	0.9	14.8(bbls)	84.7	2.5
Total Oil	**516.4(bbls)**	**3,185.2**	**17.2**	**408.5(bbls)**	**2,531.0**	**15.2**
Gas						
Steam	3,248.6(Mcf)	3,359.5	18.1	3,407.2(Mcf)	3,524.7	18.3
Peaking	130.2(Mcf)	134.4	0.7	161.5(Mcf)	166.2	0.9
Total Gas	**3,378.8(Mcf)**	**3,493.9**	**18.8**	**3,568.7(Mcf)**	**3,690.9**	**19.2**
Grand Total		**18,572.3**	**100.0**		**18,870.8**	**100.0**

Note: Sum of totals may not equal grand totals due to rounding.

Table 6. Total Cost of Fossil Fuels Receipts to Electric Utilities, 1979-1980 (Million Dollars)

Fuel	1979 Total Cost	1980 Total Cost	Percent Change
Coal	**14,552.0**	**17,085.4**	**17.4**
Oil			
Steam	9,187.9	10,554.2	14.9
Peaking	633.9	496.2	-21.7
Total Oil	**9,821.8**	**11,050.4**	**12.5**
Gas			
Steam	5,858.5	7,802.1	33.2
Peaking	221.7	351.8	58.7
Total Gas	**6,080.2**	**8,153.9**	**34.4**
Grand Total	**30,454.0**	**36,289.7**	**19.2**

Source: •Federal Power Commission Form 423.

1. Introduction

This summary report, covering the calendar year 1980, is the seventh annual report 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 **The Electric Power Monthly**(4) and the **Cost and Quality of Fuels for Electric Utility Plants - Monthly**(3).

This series of summary reports contains annual information on the cost and quality of fossil fuel receipts 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 cost of similar fuel receipts to other plants in the same State and region.

Glossary

A glossary of terms used in this report has been included to assist non-technical as well as technical users in understanding and relating the statistical data in this publication. The use of these terms is described in Section 2.6 of the "Technical Notes."

Explanatory Notes

For descriptions of the data coverages of FPC Form 423 and formulas used to calculate the aggregates, refer to Sections 2 and 2.4 of the "Technical Notes."

Technical Notes

The "Technical Notes" contains a detailed description of each data collection system used in preparing this publication.

The notes provide explanations of data quality, adjustments to collected data, conversion formulas and critical differences in the data. Also included are rules for rounding the data, the 20 largest companies summaries, and a map of the Census Regions. Copies of the data are available to the public See Section 2.3 of the "Technical Notes" for further information.

References

The "References" are a description of related publications. Reference numbers appear within the text in parentheses. References are located after the "Technical Notes."

Section of Publication	Source of Data	Coverage	Reporting Cycle	EIA Technical Contact
Receipts (Coal, Oil, and Gas) Cost (Coal, Oil, and Gas Received portion of section)	FPC Form 423, "Monthly Report of Cost and Quality of fuels for Electric Plants"	Fossil fuel plants with a combined capacity of 25 MW or greater, accounting for approximately 95 percent of electric utility fossil fuel receipts.	Monthly	Dean Fennell (202)252-6523 Deborah Johnson (202)252-8952 Kenneth McClevey (202)252-5310 Hilary Salkov (202)252-6525 Anne Sheppard (202)252-6532
Graphics				Lucinda Gilliam (202) 252-6524

2. Discussion of Form 423 Data

Cost and Quality of Fossil Fuels for Electric Power Generation

Coal

In 1980, coal receipts to electric utilities totaled 594.0 million tons. The receipts increased 37.4 million tons, or 6.7 percent above 1979 shipments. The 20 largest recipients of coal accounted for 49.2 percent of all coal receipts to utilities in 1980. See Section 2.8 of the "Technical Notes."

Coal purchased on term contracts accounted for 88.5 percent of receipts to electric utility plants. The remaining 11.5 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 increased to 71.1 percent of the total coal receipts to electric utilities.

Table 7. Contract and Spot Coal Receipts, 1978-1980

Coal	1978 Quantity (million tons)	1978 Percent of Total	1979 Quantity (million tons)	1979 Percent of Total	1980 Quantity (million tons)	1980 Percent of Total
Contract	375.2	78.8	485.1	87.2	525.6	88.5
Spot	101.0	21.2	71.5	12.8	68.4	11.5
Total	**476.2**	**100.0**	**556.6**	**100.0**	**594.0**	**100.0**

Table 8. Surface and Underground-Mined Coal Receipts, 1974-1980

Year	Surface-Mined Quantity (thousand tons)	Surface-Mined Percent of Total	Deep-Mined Quantity (thousand tons)	Deep-Mined Percent of Total
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
1980	422,300	71.1	171,696	28.9

In 1980, the weighted average cost of all coal received increased $2.61 to reach a record high of $28.76 per ton. Contract coal cost averaged $28.31 per ton, an increase of $2.54 per ton over the 1979 level, while spot coal cost averaged $32.21 per ton, a $3.49 per ton increase over the average spot coal cost of 1979. Table 9 show contract and spot coal cost for the period 1975-1980. Figure 6 shows contract and spot cost for 1979-1980.

Cost of coal bought under contract ranged from an average $13.96 per ton in the Western Region to a high of $36.52 per ton in the South Eastern States. Regional spot cost did not vary as much as contract coal cost, as evident from Table 10.

In 1980, the sulfur content averaged 1.6 percent by weight, as compared to 1.7 percent in 1979. The heating value of utility coal shipments averaged 10,647 Btu per pound this year, compared to last year's average of 10,685 Btu per pound. The coal receipts to electric utilities by grade during the five-year period 1976-1980 are shown in Table 11.

Table 9. Contract and Spot Coal Cost, 1975-1980 (Dollars per Ton)

Coal	1975	1976	1977	1978	1979	1980
Contract	16.25	17.90	19.25	22.19	25.77	28.31
Spot	23.81	21.33	24.99	29.56	28.72	32.21
Weighted Average	**17.63**	**18.35**	**20.37**	**23.75**	**26.15**	**28.76**

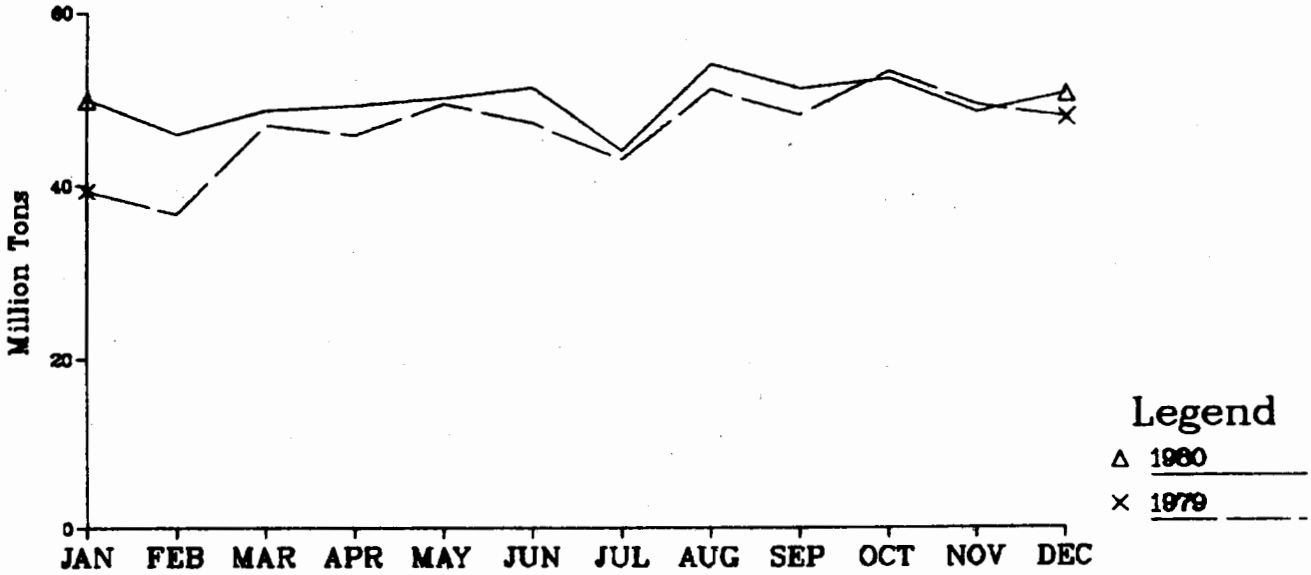


Figure 5. Receipts of Coal
Source : FPC Form 423

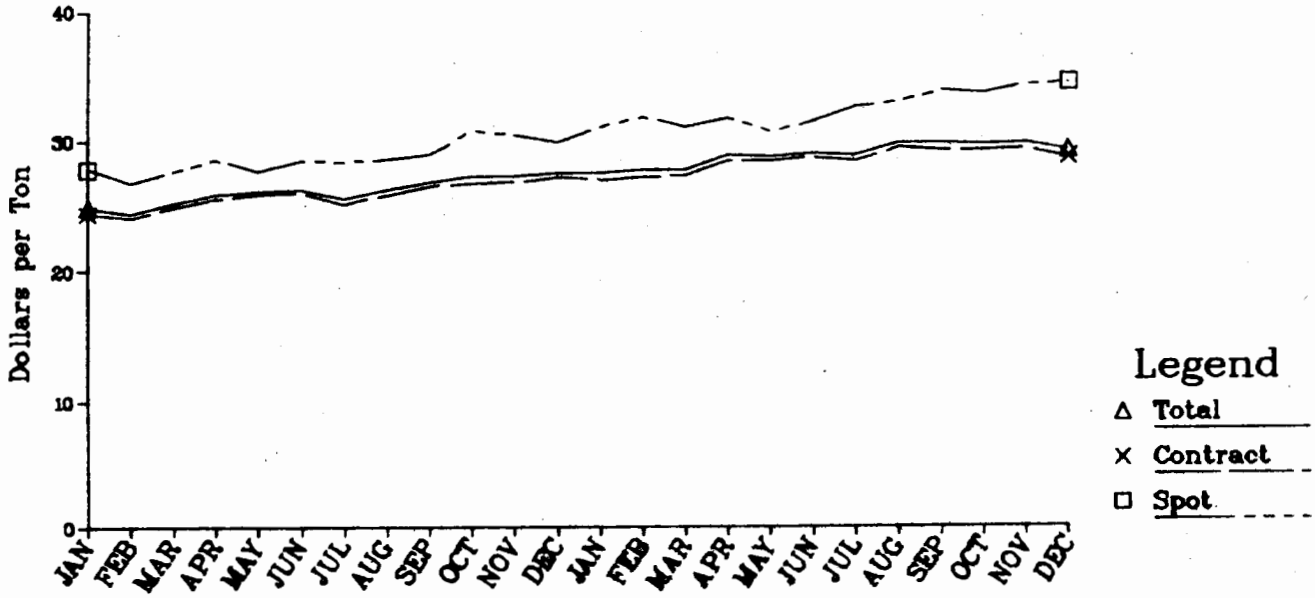


Figure 6. Cost of Coal in Dollars per Ton
Source : FPC Form 423 1979/80

Table 10. Regional Quantities and Cost of Coal Receipts, 1980

Destination	Contract Coal			Spot Coal		
		Cost			Cost	
	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)	39,161.2	140.7	34.25	13,690.8	131.7	32.42
Mid Western [1] (East North Central and West North Central)	195,157.7	140.1	29.41	27,575.4	137.88	31.58
South Eastern (South Atlantic and East South Central)	151,869.6	153.1	36.52	22,849.2	144.9	35.27
West South Central	59,998.7	124.8	19.09	0.0	0.0	0.0
Western [2] (Mountain and Pacific)	79,607.1	76.13	13.96	4,315.5	19.33	13.36
Total	**525,564.4**	**134.7**	**28.31**	**68,430.9**	**137.3**	**32.21**

[1] Excluding North and South Dakota.
[2] Including North and South Dakota.

Table 11. Coal Receipts to Electric Utilities by Grade, 1976-1980

Grades of Coal	Quantity (thousand tons)	Percent of Total	Average (Btu per pound)	Average Percent Sulfur	Average Cost (cents per million Btu)
		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**
		1980			
Bituminous	410,528	69.1	11,634	2.06	144.9
Subbituminous	139,705	23.5	9,050	0.53	114.0
Lignite	42,712	7.2	6,435	0.70	62.8
Anthracite	1,061	0.2	8,826	0.62	98.5
Total	**594,005**	**100.0**	**10,647**	**1.60**	**131.6**

Oil

From January to December 1980, the average cost of domestic and imported crude oil increased 46.7 percent and 15.9 percent, respectively. [1] Consequently, the national retail cost of residual oil increased from $26.21 per barrel in January 1980, to $32.32 per barrel in December of the same year, i.e. an increase of 23.3 percent. [2]

In 1980, all oil shipments to electric utilities decreased 20.9 percent below last year to a total of 408.5 million barrels. Utilities received 393.7 million barrels for steam-electric use, with the remaining 14.8 million barrels going to peaking units. Residual oil (FO6) shipments totaled 380.6 million barrels and comprised 96.7 percent of the oil receipts to steam-electric plants. Distillate oil (FO2) shipments totaled 22.6 million barrels n 1980, including 12.7 million barrles to peaking units. In 1980, distillate oil comprised 85.8 percent of peaking oil purchases, as shown in Table 12.

As shown in Table 13, the receipts of oil to electric utilities decreased in all regions except New England which increased only 1.1 percent.

In 1980, a total of 185 utilities reported oil purchases on Form 423; the 20 largest oil purchasing utilities received 72.7 percent of the oil. These 20 utilities also accounted for 72.9 percent of the total oil expenditures reported by all utilities. Section 2.8 of the "Technical Notes" lists the 20 largest oil purchasing utilities.

[1] Based on data in Economic Regulatory Administration Form 49,"Domestic Crude Oil Entitlements Program Refiners Monthly Report" and summarized in DOE/EIA0035/04(81), **Monthly Energy Review**.
[2] Based on data in Federal Energy Administration Form P302-M-1, "Petroleum Industry Monthly Report for Product Prices" and summarized in DOE/EIA0035/04(81), **Monthly Energy Review**.

Table 12. Oil Receipts to Electric Utilities, 1980 (Million Barrels)

Grades of Oil	Steam-Electric Plants		Peaking Units	
	Quantity	Percent of Total	Quantity	Percent of Total
Jet Fuel, Kerosene	0.0	0.0	1.8	12.2
Distillate (FO2)	9.9	2.5	12.7	85.8
FO4, FO5	3.1	0.8	0.0	0.0
Residual (FO6)	380.6	96.7	0.3	2.0
Crude, Topped Crude	0.1	0.0	0.0	0.0
Total	**393.7**	**100.0**	**14.8**	**100.0**

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

Table 13. Regional Oil Receipts to All Electric Plants, 1978-1980 (Thousand Barrels)

Regions	1978	1979		1980	
	Quantity	Quantity	Percent Change From 1978	Quantity	Percent Change From 1979
New England	76,309.4	74,181.5	- 2.8	74,992.7	1.1
Mid-Atlantic	145,256.2	109,264.5	-24.8	95,534.1	-12.6
East North Central	50,950.9	39,142.1	-23.2	26,509.3	-32.3
West North Central	11,286.2	8,835.6	-21.7	2,264.9	-74.4
South Atlantic	154,441.0	132,416.1	-14.3	110,288.2	-16.7
East South Central	26,992.7	12,041.4	-55.4	6,045.0	-49.8
West South Central	44,481.0	26,238.4	-41.0	12,841.1	-51.1
Mountain	8,812.3	9,934.4	21.4	5,323.4	46.4
Pacific	88,028.1	104,408.2	18.6	74,784.7	-28.4
Total	**605,927.8**	**516,462.2**	**-14.8**	**408,583.4**	**-20.9**

The average cost of oil to steam-electric plants was 431.8 cents per million Btu, an increase of 42.3 percent from the 1979 cost level (see Table 14). The equivalent per barrel cost was $27.81 in 1980, as compared to $18.79 a barrel that utilities paid for oil in 1979. The cost paid by steam-electric plants for distillate oil (FO2) averaged 569.9 cents per million Btu, up 41.8 percent from the previous year's level of 402.0 cents per million Btu.

The average sulfur content of oil products received at steam-electric plants increased 10 percent from last year and, as shown in the tabulation below, the average heating value rose 0.4 percent in 1980.

	1979	1980	Percent Change
Heating value (Btu per gallon)	147,396	147,917	0.4
Sulfur (Percent by weight)	1.0	1.1	10.0

Table 14. Average Cost of Fuel Oil Receipts to Steam-Electric Plants, 1978-1980 (Cents per Million Btu)

	1978	1979	1980	Percent Change From 1979
Distillate (FO2)	271.9	402.0	569.9	41.8
FO4, FO5	220.9	327.2	496.5	51.7
Residual (FO6)	212.0	299.4	427.6	42.8
Crude, Topped Crude	258.1	313.5	633.5	102.1
Average All Receipts	**215.6**	**303.5**	**431.8**	**42.3**

As might be expected because of air pollution control standards, a premium is placed on low sulfur oil purchased by electric utilities. Accordingly, in 1980 the average cost of heavy oil (FO4, FO5, FO6, Crude and Topped Crude) receipts to utilities was substantially higher in the lower sulfur categories, as shown in Table 15.

Table 15. Cost of Heavy Oil by Sulfur Category, 1980

Sulfur Content (Percent by weight)	Quantity Receipts (Million Barrels)	Receipts Average Cost (Cents per Million Btu)
0.00 to 1.00	253.2	464.5
1.01 to 2.00	56.5	378.7
2.01 or more	74.1	344.6

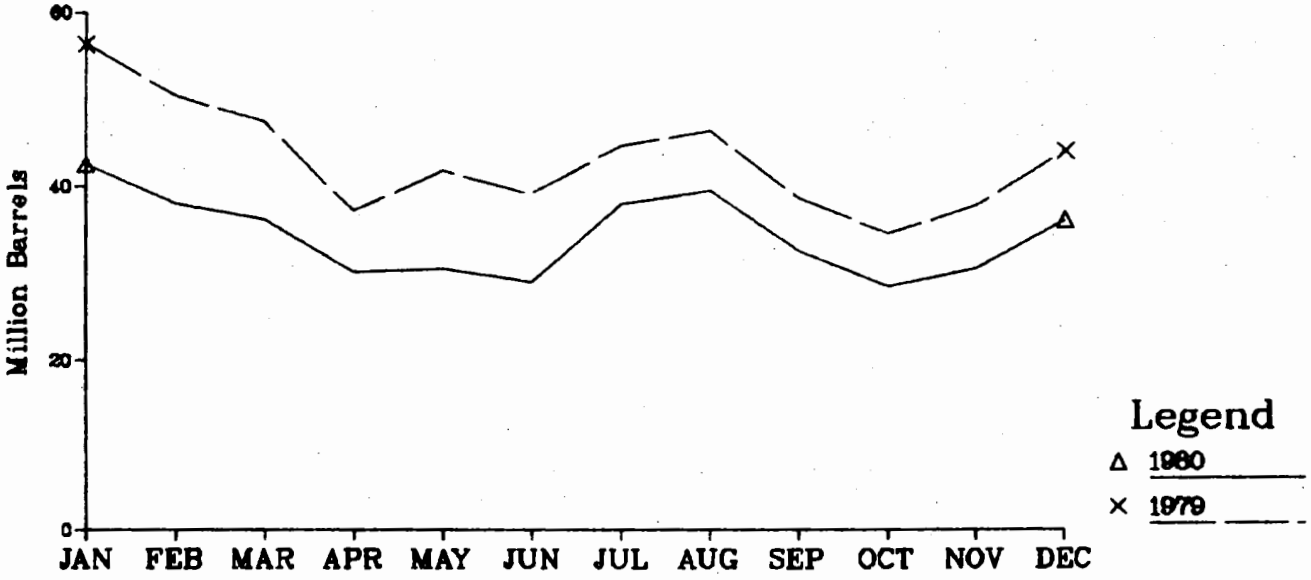


Figure 7. Receipts of Oil
Source : FPC Form 423

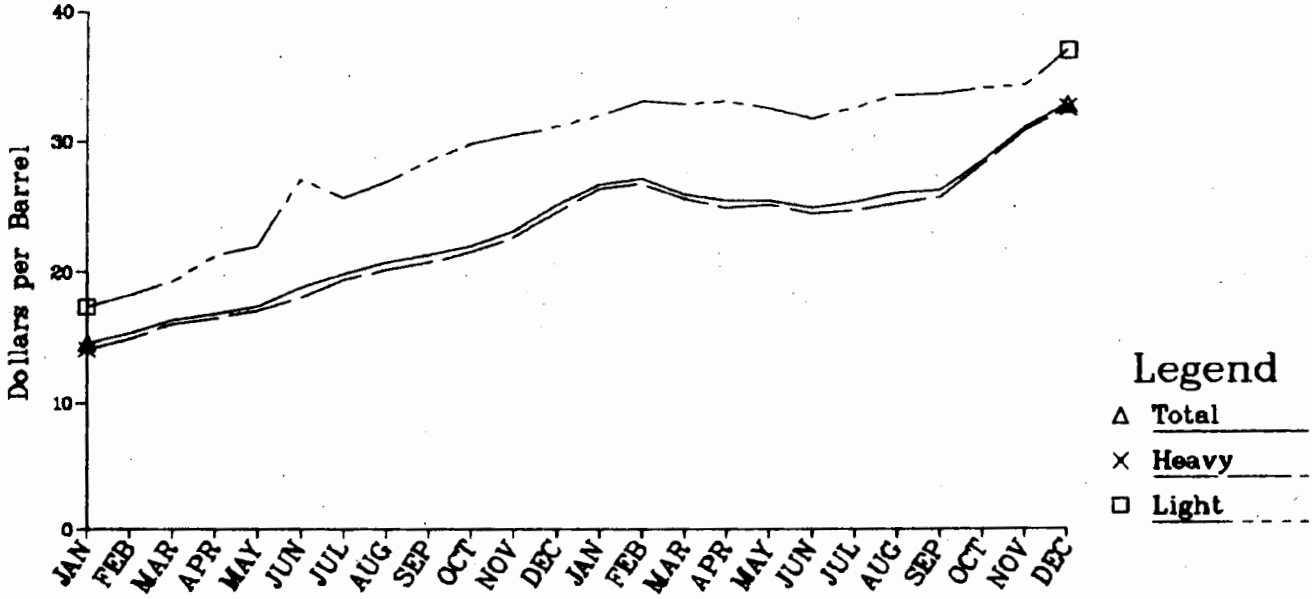


Figure 8. Cost of Oil in Dollars per Barrel
Source : FPC Form 423 1979/80

Gas

During 1980, utilities received 3,568.8 billion cubic feet (Bcf) of natural gas and other gas products. This was an increase of 5.6 percent over the 1979 level, as shown in Table 16. The bulk of the gas (95.5 percent in 1980) 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 1980, electric utilities reported on Form 4, gas consumption totaling 3,681.6 Bcf. During the same period, electric utilities reported on Form 423 gas receipts of 3,568.8 Bcf. Assuming all gas received in 1980 was consumed during the year, Form 423 covered 96.9 percent of gas consumption. Because of the reporting limitations of Form 423, the coverage was much greater for steam-electric units (99.5 percent) and considerably less (62.4 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	3,422.8	3,407.2	99.5
Peaking	258.8	161.5	62.4
Total	**3,681.6**	**3,568.7**	**96.9**

In 1980, the gas purchases in the West South Central Region (WSC) increased from 1979. California and the remaining states increased 13.2 and 2.6 percent, respectively, from last year due to the availability of natural gas coming from the WSC producing states, as shown in Table 17. During 1980, gas receipts to plants in the WSC Region were 63.6 percent of the receipts to steam-electric plants in the country, while the rest of the country accounted for 36.4 percent of the total in 1980 as compared to 35.8 percent of the total in 1979.

In 1980, the cost of gas to steam-electric plants averaged 221.4 cents per million Btu, an increase of 46.0 cents per million Btu over the average cost of similar gas receipts of last year. Table 18 shows average cost of steam-electric gas from 1974-1980. The national average of firm and interruptible gas cost rose to 182.3 and 286.7 cents per million Btu, respectively.

In 1980, a total of 186 utilities reported natural gas purchases on FPC Form 423, the 20 largest gas consuming utilities received 74.5 percent of the natural gas. These same 20 utilities also accounted for 71.6 percent of the total gas expenditures reported by all utilities. Section 2.8 of the "Technical Notes" lists the 20 largest gas consuming utilities.

Table 16. Gas Receipts to Electric Utilities (Billion Cubic Feet)

	1978	1979		1980	
		1979	Percent Change From 1978	1980	Percent Change From 1979
Firm	2,223.3	2,140.9	- 3.7	2,221.7	3.8
Steam	2,137.5	2,073.1	- 2.1	2,129.2	2.7
Peaking	85.8	67.8	- 21.0	92.5	36.4
Interruptible	898.0	1,225.2	36.4	1,324.0	8.1
Steam	868.3	1,163.7	34.0	1,256.1	7.9
Peaking	29.7	61.5	107.1	67.9	10.4
Off-Peak	2.6	12.7	388.5	23.1	81.9
Steam	2.5	11.8	372.0	22.0	86.4
Peaking	0.1	0.9	800.0	1.1	22.2
Steam Total	3,008.3	3,248.6	8.0	3,407.3	4.9
Peaking Total	115.6	130.2	12.8	161.5	24
Peaking as Percent of Total	**3.7**	**3.9**		**4.5**	
Grand Total	**3,123.9**	**3,378.8**	**8.2**	**3,568.8**	**5.6**

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

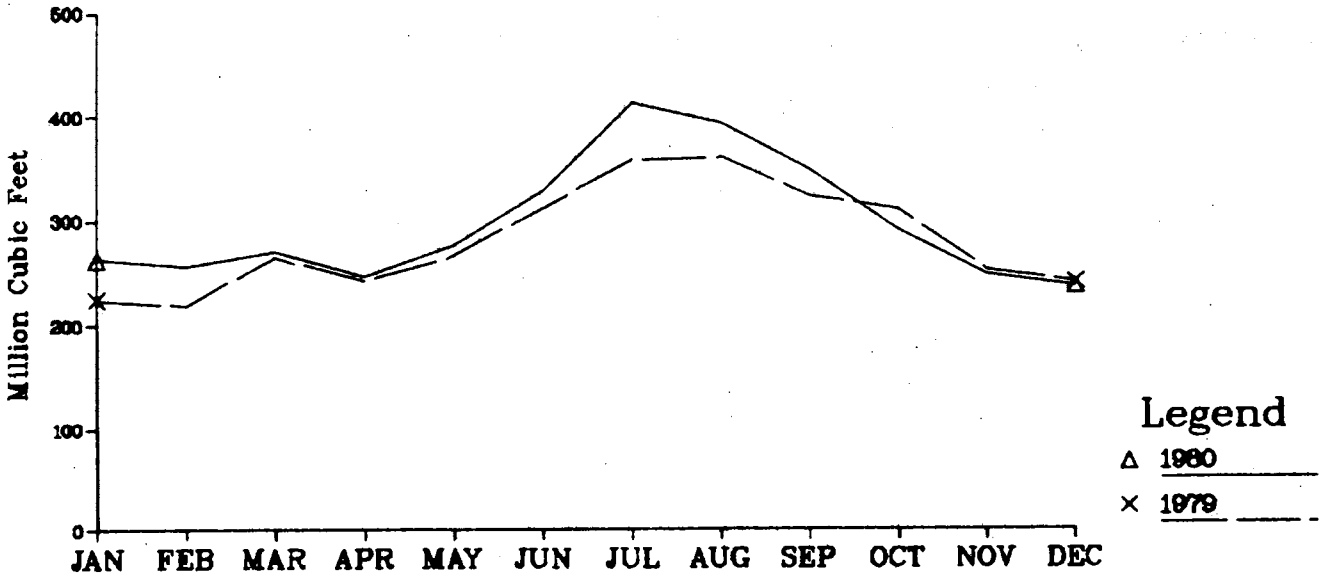


Figure 9. Receipts of Gas
Source : FPC Form 423

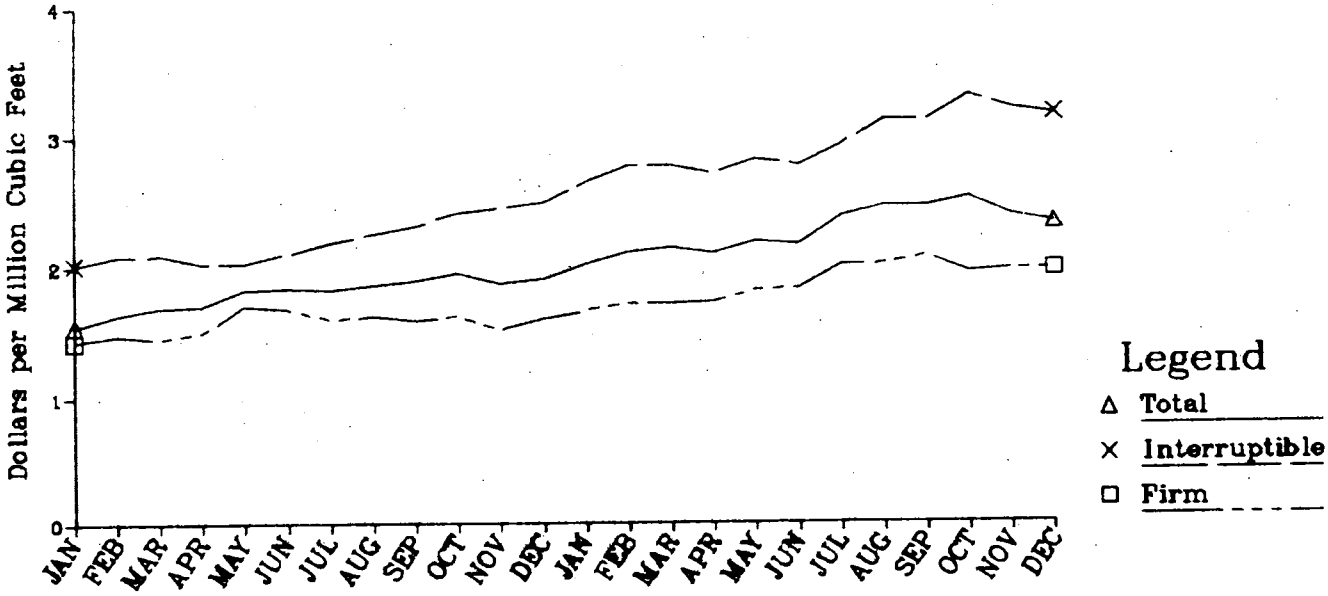


Figure 10. Cost of Gas in Dollars per Million Cubic Feet
Source : FPC Form 423 1979/80

Table 17. Changes in Steam-Electric Utility Gas Receipts, 1975-1980 (Billion Cubic Feet)

	1975	1976	1977	1978	1979	1980	Percent Change From 1979
Total	**2946.0**	**2877.9**	**3003.3**	**3008.3**	**3248.6**	**3407.2**	**4.9**
United States							
West South Central [1]	1971.1	2018.0	2113.9	2173.9	2084.7	2166.5	3.9
Percent of Total	66.9	70.1	70.4	72.3	64.2	63.6	
California	273.3	293.6	358.8	297.7	444.1	502.5	13.2
Percent of Total	9.3	10.2	11.9	9.9	13.7	14.7	
Remaining States	701.6	566.3	530.6	536.7	719.8	738.8	2.6
Percent of Total	23.8	19.7	17.7	17.8	22.2	21.7	

[1]Includes Arkansas, Louisiana, Oklahoma, and Texas.

Table 18. Cost of Gas Receipts to Steam-Electric Utilities, 1974-1980 (Cents per Million Btu)

	1974	1975	1976	1977	1978	1979	1980
Firm	44.3	70.2	93.6	112.8	129.3	152.0	182.3
Interruptible	54.0	84.8	124.1	165.8	179.9	216.5	286.7
Off-Peak	76.9	87.0	72.7	132.0	105.5	271.4	295.0
Average	**48.1**	**75.4**	**103.4**	**130.0**	**143.8**	**175.4**	**221.4**

Origin-Destination of Coal for Electric Utilities

Total 1980 receipts of coal to steam-electric plants increased to 594 million tons, a 6.7 percent increase from last year's level. As seen in Table 19, most geographic regions experienced increases in coal receipts. On the whole, however, States west of the Mississippi River received 18.0 percent more coal in 1980 than in 1979.

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.

During the past seven years, the majority of incremental utility coal requirements has been met by coal produced in mines west of the Mississippi River. Using 1974 as a base year, Table 21 shows the continued growth of Western coal both quantitatively and as a percent of total coal receipts to electric utilities in each of the past six years. During this period, receipts from the Northern Great Plains increased, while shipments from the Mountain Province have increased at a lower rate. Also, receipts of Texas lignite, while limited to utilities in Texas, have increased during the period.

The 1980 coal receipts from the five largest Western coal producing States and a comparison of the 1974 receipts are given in Table 22.

Table 19. Regional Changes in Coal Receipts to Electric Utilities, 1979-1980 (Thousand Tons)

Destination	1979 Quantity	1980 Quantity	Quantitative Difference	Percent Change
Eastern Regions				
New England	1,065	1,686	621	58.3
Mid-Atlantic	49,547	51,167	1,620	3.9
East North Central	164,382	160,130	-4,252	- 2.6
South Atlantic	99,265	104,388	10,123	10.7
East South Central	72,451	70,330	2,121	- 2.9
Subtotal	**381,710**	**387,701**	**5,991**	**1.6**
Western Regions				
West North Central	73,155	77,496	4,341	5.9
West South Central	41,127	59,999	18,872	45.9
Mountain	55,765	62,930	7,165	12.9
Pacific	4,801	5,871	1,070	22.3
Subtotal	**174,848**	**206,296**	**31,448**	**18.0**
Total[1]	**556,558**	**593,993**[1]	**37,437**	**6.7**

[1] Totals may not equal sum of subtotals due to rounding.

Table 20. Receipts of Coal to Electric Utilities from the Five Largest Coal Producing States East of the Mississippi, 1973 and 1980 (Million Tons)

Origin	1973 Quantity	1980 Quantity	Quantitative Difference	Average Annual Rate of Growth Percent
Kentucky	86.9	112.3	25.4	4.2
Illinois	48.9	53.4	4.5	1.3
West Virginia	47.3	47.8	0.5	0.2
Pennsylvania	39.6	50.9	11.3	4.0
Ohio	37.2	34.3	- 1.1	
TOTAL	**259.9**	**298.7**	**38.8**	**2.1**

Table 21. Origin of Domestic Bituminous Coal and Lignite Receipts to Electric Utilities, 1974-1980 (Million Tons)

Coal Origin	1974	1975	1976	1977	1978	1979	1980	Average Annual Rate of Growth Percent
Eastern Deposits								
Appalachia	194.1	209.0	215.6	229.8	214.3	243.5	249.6	4.2
Interior Province (Eastern Region) [1]	114.4	125.8	122.4	118.0	99.1	117.9	119.1	- 0.6
Subtotal	**308.5**	**334.8**	**338.0**	**347.8**	**313.4**	**361.4**	**368.7**	**2.5**
Percent of Total	**80.6**	**78.0**	**74.7**	**71.3**	**66.3**	**65.3**		**62.3**
Western Deposits								
Interior Province (Western Region) [2]	7.3	8.4	9.4	10.2	9.8	9.8	8.8	4.1
Northern Great Plains [3]	41.7	54.1	64.4	82.2	96.7	114.5	137.9	23.4
Mountain Province [4]	20.0	22.8	29.0	33.7	34.4	43.3	49.5	17.7
Texas Lignite Region	5.1	9.1	11.9	14.2	18.2	24.8	27.0	31.9
Subtotal	**74.1**	**94.4**	**114.7**	**140.3**	**159.1**	**192.4**	**223.2**	**21.1**
Percent of Total	**19.4**	**22.0**	**25.3**	**28.7**	**33.7**	**34.7**		
Total	**382.6**	**429.2**	**452.7**	**488.1**	**472.5**	**553.8**	**572.0**	**6.8**

[1] Eastern Kentucky, Eastern Tennessee, Virginia, Maryland, West Virginia, Ohio, Pennsylvania, Alabama, Georgia, and West Tennessee.
[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.
[6] Totals may not equal sum of subtotals due to rounding.
Note: This table excludes Anthracite and Imported coal receipts.

Table 22. Coal Receipts to Electric Utilities from theFive Largest Western Coal-Producing States, 1973 and 1980 (Million Tons)

Origin	1973 Quantity	1980 Quantity	Quantitative Difference	Average Annual Growth Rate Percent
Wyoming	13.1	89.7	76.6	31.8
Montana	10.6	27.9	7.3	17.6
Texas	4.7	27.0	22.3	31.9
New Mexico	8.3	16.5	8.2	8.3
North Dakota	5.3	15.4	10.1	15.5
Total	**42.0**	**176.5**	**132.5**	**23.3**

Of the 223.2 million tons of coal produced from Western mines for electric utility consumption, about 75.6 percent, or 189.3 million tons, remained in the West, while a record high of 33.9 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 receipts to electric utilities in 1980 is presented in Chapters 4 and 5 of this report. Table 24 summarizes the quantities of steam-electric coal moved between producing and consuming States in 1980.

Table 23. Destination of Western Coal Receipts to Electric Utilities, 1979-1980 (Thousand Tons)

Destination	1979 Receipts	1980 Receipts	Absolute Difference	Percent Change
Eastern Regions				
New England	0	0	0	0.0
Mid-Atlantic	0	0	0	0.0
East North Central	32,531	32,709	178	0.6
South Atlantic	74	75	1	13.0
East South Central	953	1,160	207	21.7
Subtotal	**33,558**	**33,944**	**386**	**1.2**
Percent of Total	**17.4**	**24.4**		
Western Regions				
West North Central	57,174	60,474	3,300	5.8
West South Central	41,085	59,999	18,916	46.0
Mountain	55,765	62,930	7,165	12.9
Pacific	4,801	5,871	1,070	22.3
Subtotal	**158,825**	**189,272**	**30,447**	**19.2**
Percent of Total	**82.6**	**75.6**		
Total[1]	**192,383**	**223,166**	**30,784**	**16.0**

Note: Totals in tables 23 and 21 may not be equal due to rounding.
Western deposits are as defined in table 21.

Table 24. Origin and Destination of Coal Receipts to Electric Utilities, 1980 (Thousand Tons)

Origin	Alabama	Arizona	Colorado	Georgia	Illinois	Indiana
Destination						
Alabama	14233.3	-	-	-	150.3	3.2
Arizona	-	7190.3	-	-	-	-
Arkansas	-	-	-	-	-	-
Colorado	-	-	7974.1	-	19.6	-
Delaware	-	-	-	-	-	-
Florida	468.8	-	-	-	2124.4	-
Georgia	437.4	-	-	-	4799.0	1357.3
Illinois	-	-	1590.6	-	18168.7	689.2
Indiana	-	-	742.6	-	7422.1	21230.0
Iowa	-	-	353.7	-	1641.7	-
Kansas	-	-	250.7	-	73.5	-
Kentucky	-	-	-	-	231.2	2789.3
Louisiana	-	-	-	-	-	-
Maryland	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-
Michigan	-	-	-	-	613.5	32.7
Minnesota	-	-	-	-	713.3	-
Mississippi	686.6	-	754.6	-	488.6	46.0
Missouri	-	-	733.0	-	13067.3	244.0
Montana	-	-	-	-	-	-
Nebraska	-	-	184.3	-	-	-
Nevada	-	3263.0	-	-	-	-
New Hampshire	-	-	-	-	-	-
New Jersey	-	-	-	5.1	-	-
New Mexico	-	-	-	-	-	-
New York	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-
Ohio	-	-	-	-	-	6.2
Oklahoma	-	-	-	-	-	-
Oregon	-	-	-	-	-	-
Pennsylvania	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-
Tennessee	-	-	-	-	519.0	662.8
Texas	-	-	982.7	-	-	-
Utah	-	-	-	-	-	-
Virginia	-	-	-	-	-	-
Washington	-	-	-	-	-	-
West Virginia	-	-	-	-	-	-
Wisconsin	-	-	-	-	3363.7	205.1
Wyoming	-	-	-	-	-	-
Total U. S.	**15826.1**	**10453.3**	**13566.3**	**5.1**	**53395.9**	**27265.8**

Table 24. Origin and Destination of Coal Receipts to Electric Utilities, 1980 (Thousand Tons) -Cont.

Origin	Indiana	Iowa	Kansas	Kentucky	Maryland	Missouri	Montana
Destination							
Alabama	-	-	1648.1	-	-	-	-
Arizona	-	-	-	-	-	-	4816.9
Arkansas	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-
Delaware	-	-	-	-	-	-	-
Florida	-	-	4853.2	-	-	-	-
Georgia	-	-	12799.0	-	-	-	-
Illinois	-	-	1151.4	-	22.3	3693.5	-
Indiana	-	-	2706.0	-	-	1157.0	-
Iowa	414.1	-	-	-	326.2	207.3	-
Kansas	-	132.9	-	-	1330.8	-	-
Kentucky	-	-	20558.8	-	-	-	-
Louisiana	-	-	-	-	-	-	-
Maryland	-	-	-	865.0	-	-	-
Massachusetts	-	-	77.3	-	-	-	-
Michigan	-	-	11170.9	-	-	3426.0	-
Minnesota	-	-	2.5	-	-	10737.7	-
Mississippi	-	-	1370.5	-	-	-	-
Missouri	-	595.2	459.1	-	3322.1	-	224.0
Montana	-	-	-	-	-	3363.8	-
Nebraska	-	-	-	-	-	41.4	-
Nevada	-	-	-	-	-	-	310.0
New Hampshire	-	-	-	-	-	-	-
New Jersey	-	-	48.4	-	-	-	-
New Mexico	-	-	-	-	-	-	11622.5
New York	-	-	395.0	7.4	-	-	-
North Carolina	-	-	11778.9	-	-	-	-
North Dakota	-	-	-	-	-	-	-
Ohio	-	-	12501.7	-	-	-	-
Oklahoma	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-
Pennsylvania	-	-	183.0	184.1	-	-	-
South Carolina	-	-	7223.1	-	-	-	-
South Dakota	-	-	-	-	-	-	-
Tennessee	-	-	16006.0	-	-	-	-
Texas	-	-	-	-	-	2722.7	-
Utah	-	-	-	-	-	-	-
Virginia	-	-	1662.0	-	-	-	-
Washington	-	-	-	-	-	-	-
West Virginia	-	-	2968.6	94.0	-	-	-
Wisconsin	-	-	2815.9	-	-	2575.3	-
Wyoming	-	-	-	-	-	-	-
Total U. S.	**414.1**	**728.1**	**112379.6**	**1150.5**	**5001.4**	**27924.7**	**16973.4**

Table 24. Origin and Destination of Coal Receipts to Electric Utilities, 1980 (Thousand Tons) -Cont.

Origin	North Dakota	Ohio	Oklahoma	Pennsylvania	Tennessee	Texas
Destination						
Alabama	-	2441.5	-	-	1023.7	-
Arizona	-	-	-	-	-	-
Arkansas	-	-	-	-	-	-
Colorado	-	-	-	-	-	-
Delaware	-	-	-	887.1	-	-
Florida	-	-	65.3	15.8	108.4	-
Georgia	-	43.4	-	-	1594.6	-
Illinois	-	-	-	-	-	-
Indiana	-	924.5	-	-	-	-
Iowa	-	-	120.0	-	-	-
Kansas	-	-	724.2	-	-	-
Kentucky	-	298.5	-	0.1	4.0	-
Louisiana	-	-	-	-	-	-
Maryland	-	-	-	4166.9	-	-
Massachusetts	-	-	-	100.2	-	-
Michigan	-	1978.0	-	777.5	39.1	-
Minnesota	735.6	5.1	11.3	1.0	26.9	-
Mississippi	-	-	-	-	-	-
Missouri	-	-	1735.5	-	-	-
Montana	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-
Nevada	-	-	-	-	-	-
New Hampshire	-	-	-	140.4	-	-
New Jersey	-	-	-	552.5	0.4	-
New Mexico	-	-	-	-	-	-
New York	-	7.1	-	5649.1	-	-
North Carolina	-	-	-	-	691.2	-
North Dakota	12215.5	-	-	-	-	-
Ohio	-	25272.6	-	2252.7	9.6	-
Oklahoma	-	-	-	-	-	-
Oregon	-	-	-	-	-	-
Pennsylvania	-	2698.7	-	35390.3	-	-
South Carolina	-	-	-	-	167.3	-
South Dakota	2453.7	-	-	-	-	-
Tennessee	-	135.9	-	-	3977.7	-
Texas	-	-	-	-	-	27014.0
Utah	-	-	-	-	-	-
Virginia	-	-	-	-	-	-
Washington	-	-	-	-	-	-
West Virginia	-	246.7	-	7.0	-	-
Wisconsin	-	272.0	0.6	1006.9	-	-
Wyoming	-	-	-	-	-	-
Total U. S.	**15404.8**	**34323.9**	**2656.9**	**50947.6**	**7642.9**	**27014.0**

Table 24. Origin and Destination of Coal Receipts to Electric Utilities, 1980 (Thousand Tons) -Cont.

Origin	Utah	Virginia	Washington	W. Virginia	Wyoming	Imports	Total
Destination							
Alabama	-	20.1	-	318.0	-	-	19838.4
Arizona	463.6	-	-	-	-	-	12470.8
Arkansas	-	-	-	-	3275.1	-	3275.1
Colorado	-	-	-	-	3212.0	-	11205.7
Delaware	-	-	-	195.9	-	-	1082.9
Florida	-	51.0	-	10.3	-	986.6	8684.0
Georgia	-	275.9	-	-	-	-	21306.6
Illinois	-	-	-	-	10572.0	-	35887.7
Indiana	1073.8	-	-	-	1560.8	-	36816.8
Iowa	-	-	-	-	7643.8	-	10706.7
Kansas	-	-	-	-	7729.4	-	10241.6
Kentucky	-	663.7	-	350.9	-	-	24896.5
Louisiana	-	-	-	-	2067.9	-	2067.9
Maryland	-	-	-	970.0	-	-	6001.9
Massachusetts	-	182.9	-	273.1	-	-	633.5
Michigan	-	178.0	-	3929.0	-	-	22144.7
Minnesota	-	-	-	-	-	-	12233.4
Mississippi	405.1	-	-	-	-	-	3751.4
Missouri	-	788.0	-	-	3643.5	-	24811.7
Montana	-	-	-	-	-	-	3363.8
Nebraska	436.0	-	-	-	3948.5	-	4610.2
Nevada	942.2	-	-	-	-	-	4515.2
New Hampshire	-	-	-	911.9	-	-	1052.3
New Jersey	-	529.7	-	1389.8	-	-	2525.9
New Mexico	-	-	-	-	-	-	11622.5
New York	-	-	-	309.5	-	-	6368.1
North Carolina	-	6975.0	-	3988.8	-	-	23433.9
North Dakota	-	-	-	-	-	-	12215.5
Ohio	-	244.0	-	8227.0	2252.4	-	50766.1
Oklahoma	-	-	-	-	7882.7	-	7882.7
Oregon	-	-	-	-	1070.5	-	1070.5
Pennsylvania	-	0.5	-	3816.6	-	-	42273.2
South Carolina	-	672.6	-	33.4	-	-	8096.4
South Dakota	-	-	-	-	222.9	-	2676.6
Tennessee	-	366.3	-	175.5	-	-	21843.2
Texas	-	-	-	-	16053.6	-	46773.0
Utah	5198.0	-	-	-	-	-	5198.0
Virginia	-	2700.3	-	840.1	-	-	5202.4
Washington	-	-	4800.0	-	-	-	4800.0
West Virginia	-	121.1	-	27142.6	-	-	30580.1
Wisconsin	-	-	-	232.8	4042.1	-	14514.2
Wyoming	-	-	-	-	14554.0	-	14554.0
Total U. S.	**8518.7**	**13769.1**	**4800.0**	**53115.2**	**89731.1**	**986.6**	**593995.3**

Imported Coal Receipts by Electric Utilities

Electric utilities imported less than 1.0 million tons of coal from abroad in 1980, which amounted to less than one quarter of one percent of the total electric utility coal demand. The coal averaged less than one percent sulfur and was received at an average cost of $43.55 per ton.

As shown in Table 25, there were two utilities (identified by [1]) which received coal from abroad in 1980.

Table 25. Imported Coal Receipts to Electric Utilities, 1973-1980

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					
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
1980 South Africa	749.8	11,908	187.8	44.72	0.67
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
1980 Poland	236.8	11,505	173.2	39.86	1.26

[1] Utilities which received coal from abroad in 1980.

Comparison of 1980 Sulfur Regulations with the Sulfur Content of Coal Receipts to Electric Utilities

In 1980, coal receipts to all units reporting coal purchases on Form 423 totaled 594.0 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 (S02) emissions effective January 1980 [1], shows that 413.5 million tons, or 69.6 percent of all the coal, complied with the 1980 SO2 emission regulations as delivered. If, however, plants receiving both complying and noncomplying coal blended these shipments, an additional 28.1 million tons could have been brought into compliance, increasing the quantity of complying coal to 441.6 million tons, or 74.3 percent of the total. Still remaining out of compliance would be 152.4 million tons, or 25.7 percent of all 1980 coal shipments to electric utilities. The detailed plant-by-plant information is presented in Chapter 6 and is summarized by State in Table 26.

[1] The sulfur regulations used in this analysis were provided by the Environmental Protection Agency (EPA) and reflect SIP revisions as of January 1980.

Table 26. Coal Receipts of Steam Plants in 1980 Conforming or Nonconforming to 1980 Sulfur Regulations (Thousand Tons)

	Before Blending					After Blending			
Census Region and State	Total Receipts	Quantity Conforming	Percent of Total	Quantity Non-conforming	% of Total	Quantity Quantity Conforming	Percent of Total	Quantity Non-conforming	% of Total
New England									
Massachusetts	633.49	633.49	100.0	0.0	0.0	633.49	100.0	0.0	0.0
New Hampshire	1,052.30	1,052.30	100.0	0.0	0.0	1,052.30	100.0	0.0	0.0
Total	**1,685.79**	**1,685.79**	**100.0**	**0.0**	**0.0**	**1,685.79**	**100.0**	**0.0**	**0.0**
Middle Atlantic									
New Jersey	2,525.89	52.06	2.1	2,473.83	97.9	52.06	2.1	2,473.83	97.9
New York	6,368.15	4,893.03	76.8	1,475.12	23.2	6,230.98	97.8	137.17	2.2
Pennsylvania	42,273.19	24,293.64	57.5	17,979.54	42.5	28,234.03	66.8	14,039.15	33.2
Total	**51,167.22**	**29,238.73**	**57.1**	**21,928.49**	**42.9**	**34,517.07**	**67.5**	**16,650.15**	**32.5**
East North Central									
Illinois	35,887.72	21,725.58	60.5	14,162.14	39.5	22,711.39	63.3	13,176.33	36.7
Indiana	36,816.84	21,234.07	57.7	15,582.77	42.3	22,011.78	59.8	14,805.06	40.2
Michigan	22,144.74	15,434.31	69.7	6,710.43	30.3	17,261.79	77.9	4,882.95	22.1
Ohio	50,766.12	31,687.52	62.4	19,078.60	42.8	36,498.95	71.9	14,267.17	28.1
Wisconsin	14,514.22	12,071.25	83.2	2,442.97	16.8	13,220.64	91.1	1,293.58	8.9
Total	**160,129.64**	**102,152.73**	**63.8**	**57,976.91**	**36.2**	**111,704.55**	**69.8**	**48,425.09**	**30.2**
West North Central									
Iowa	10,706.74	9,705.66	90.6	1,001.08	9.3	10,447.30	97.6	259.44	2.4
Kansas	10,241.56	8,319.84	81.2	1,921.73	18.8	9,015.28	88.0	1,226.28	12.0
Minnesota	12,233.38	11,486.98	93.9	746.40	6.1	12,004.00	98.1	229.38	1.9
Missouri	24,811.66	23,208.66	93.5	1,603.00	6.5	23,458.39	94.5	1,353.27	5.5
Nebraska	4,610.17	4,587.46	99.5	22.71	0.5	4,610.76	100.0	0.0	0.0
North Dakota	12,215.49	8,914.79	73.0	3,300.70	27.0	9,202.89	75.3	3,012.60	24.7
South Dakota	2,676.59	2,676.59	100.0	0.0	0.0	2,676.59	100.0	0.0	0.0
Total	**77,495.59**	**68,899.98**	**88.9**	**8,595.62**	**11.1**	**71,414.62**	**92.2**	**6,080.97**	**7.8**
South Atlantic									
Delaware	1,082.94	1,082.94	100.0	0.0	0.0	1,082.94	100.0	0.0	0.0
Florida	8,684.00	3,218.50	37.1	5,465.50	62.9	3,239.89	37.3	5,444.11	62.7
Georgia	21,306.57	15,804.70	74.2	5,501.87	25.8	16,066.00	75.4	5,240.57	24.6
Maryland	6,001.94	3,177.69	52.9	2,824.26	47.1	3,548.58	59.1	2,453.36	40.9
North Carolina	23,433.86	22,749.14	97.1	684.72	2.9	23,433.86	100.0	0.0	0.0
South Carolina	8,096.42	5,343.25	66.0	2,753.17	34.0	5,964.20	73.7	2,132.22	26.3
Virginia	5,202.40	5,179.40	99.6	23.00	0.4	5,181.18	99.6	21.22	0.4
West Virginia	30,580.10	19,279.47	63.0	11,300.61	37.0	23,510.47	76.9	7,069.63	23.1
Total	**104,388.23**	**75,835.09**	**72.6**	**28,553.13**	**27.4**	**82,027.11**	**78.6**	**22,361.12**	**21.4**
East South Central									
Alabama	19,838.37	11,522.78	58.1	8,315.62	41.9	12,482.19	62.9	7,356.18	37.1
Kentucky	24,896.50	14,031.10	56.4	10,865.40	43.6	15,380.98	61.8	9,515.52	38.2
Mississippi	3,751.40	1,235.70	32.9	2,515.70	67.1	1,235.70	32.9	2,515.70	67.1
Tennessee	21,843.23	9,756.75	44.7	12,086.49	55.3	10,436.85	47.8	11,406.38	52.2
Total	**70,329.50**	**36,546.33**	**52.0**	**33,783.21**	**48.0**	**39,535.72**	**56.2**	**30,793.78**	**43.8**
West South Central									
Arkansas	3,275.12	3,275.12	100.0	0.0	0.0	3,275.12	100.0	0.0	0.0
Louisiana	2,067.90	1,809.10	87.5	258.80	12.5	2,067.90	100.0	0.0	0.0
Oklahoma	7,882.68	7,882.68	100.0	0.03	0.0	7,882.68	100.0	0.0	0.0
Texas	46,773.00	24,883.30	53.2	21,889.70	46.8	25,035.05	53.5	21,737.95	46.5
Total	**59,998.70**	**37,850.20**	**63.1**	**22,148.50**	**36.9**	**38,260.75**	**63.8**	**21,737.95**	**36.2**
Mountain									
Arizona	12,470.85	11,1163.75	89.5	1,307.10	10.5	11,457.79	91.9	1,03.067	8.1
Colorado	11,205.69	11,205.69	100.0	0.0	0.0	11,205.69	100.0	0.0	0.0
Montana	3,363.80	3,241.80	96.4	122.90	3.6	3,363.80	100.0	0.0	0.0
Nevada	4,515.20	0.0	0.0	4,515.20	100.0	0.0	0.0	4,515.20	100.0
New Mexico	11,622.50	11,622.50	100.0	0.0	0.0	11,622.50	100.0	0.0	0.0
Utah	5,198.00	5,049.00	97.1	149.00	2.9	5,198.00	100.0	0.0	0.0
Wyoming	14,554.04	13,164.04	90.4	1,390.00	9.6	13,716.73	94.2	837.31	5.8
Total	**62,930.08**	**55,446.78**	**88.1**	**7,483.30**	**11.9**	**56,564.50**	**89.9**	**6,365.58**	**10.1**
Pacific									
Oregon	1,070.50	1,070.50	100.0	0.0	0.0	1,070.50	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	**5,870.50**	**5,870.50**	**100.0**	**0.0**	**0.0**	**5,870.50**	**100.0**	**0.0**	**0.0**
U. S. Total	**593,995.25**	**413,526.13**	**69.6**	**180,469.16**	**30.4**	**441,580.61**	**74.3**	**152,414.64**	**25.7**

The vast majority of the coal not complying with sulfur regulations was produced from Eastern mines for delivery to Eastern power plants. Of the 152.4 million tons of noncomplying coal purchased by utilities in 1980, nearly 77.6 percent, or about 118.2 million tons, was received by 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 (21.7 million tons) and Nevada (4.5 million tons).

Between 1979 and 1980 total coal shipments to electric utilities increased by 37.4 million tons, while the quantities of coal complying with SO2 emission regulations as received increased by 40.7 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 received by 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 Flue Gas Desulfurization (FGD) systems for compliance with SO2 emission regulations.

The number of installed FGD units increased from 57 in 1979 to 79 in 1980. During 1980, the capacity of FGD systems increased 33.3 percent from 20,949 to 27,919 megawatts.

Table 27. Regional Summary of Coal Receipts of ElectricUtilities in 1979 and 1980 Conforming to Sulfur Regulations After Blending (Thousand Tons)

Destination	1979 Total Receipts	1979 Quantity Conforming	1979 Percent of Total	1980 Total Receipts	1980 Quantity Conforming	1980 Percent of Total
Eastern Regions						
New England	1,065	1,050	98.6	1,686	1,686	100.0
Mid-Atlantic	49,547	35,465	71.6	51,167	34,517	67.5
East North Central	164,382	105,178	64.0	160,130	111,705	69.8
South Atlantic	94,265	75,953	80.6	104,388	82,027	78.8
East South Central	72,451	38,241	52.8	70,330	39,536	56.2
Subtotal	**381,710**	**255,887**	**67.0**	**387,701**	**269,471**	**69.5**
Western Regions						
West North Central	73,155	68,584	93.8	77,496	71,415	92.2
West South Central	41,127	21,489	52.2	59,999	38,261	63.8
Mountain	55,765	50,093	89.8	62,930	56,565	89.9
Pacific	4,801	4,801	100.0	5,871	5,871	100.0
Subtotal	**141,463**	**120,783**	**85.4**	**206,296**	**172,112**	**83.4**
Total	**556,558**	**400,855**	**72.0**	**593,995.**	**441,581**	**74.3**

Table 28. FGD Capacity In Operation as of December 1980

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
Alabama Electric Coop.(1)	**Tombigbee 2**	**525**	**235**	**9/78**	**1.15**
Alabama Electric Coop.	Tombigbee 3		235	6/78	1.15
Arizona Electric Pwr. Coop.(2)	**Apache 2**	**590**	**175**	**8/78**	**0.62**
Arizona Electric Pwr. Coop.	Apache 3		183	6/79	0.62
Arizona Pub. Serv. Co.(3)	**Cholla 1**	**615**	**115**	**2/73**	**0.72**
Arizona Pub. Serv. Co.	Cholla 2		250	4/78	0.72
Arizona Pub. Serv. Co.	Four Corners 1	2089	175	1/79	0.75
Arizona Pub. Serv. Co.	Four Corners 2		175	11/79	0.75
Arizona Pub. Serv. Co.	Four Corners 3		229	11/79	0.75
Basin Electric Power Coop.(4)	**Laramie River 1**	**1500**	**550**	**7/80**	**0.81**
Big River Elec. Pwr. Coop.(5)	**R. D. Green**	**484**	**200**	**12/79**	**3.75**
Big River Elec. Pwr. Coop.	R. D. Green 2	484	200	12/79	3.75
Central Illinois Light(6)	**Duck Creek 1**	**378**	**378**	**7/78**	**3.20**
Central Illinois Pub. Serv.(7)	**Newton**	**617**	**575**	**9/79**	**4.00**
City Utils. of Springfield(8)	**Southwest 1**	**173**	**173**	**4/77**	**3.45**
Colorado Ute Elec. Assn.(9)	**Craig 1**	**900**	**400**	**10/80**	**0.45**
Colorado Ute Elec. Assn.	Craig 2		415	12/79	0.45
Columbus and So. Ohio Elec.(10)	**Conesville 5**	**2100**	**375**	**1/77**	**4.67**
Columbus and So. Ohio Elec.	Conesville 6		375	6/78	4.67
Commonwealth Edison (11)	**Powerton 51**	**1700**	**400**	**4/80**	**3.53**
Cooperative Pwr. Assn.(12)	**Coal Creek 1**	**1100**	**495**	**8/79**	**0.63**
Cooperative Pwr. Assn.	Coal Creek 2		495	7/80	0.63
Duquesne Light(13)	**Elrama**	**494**	**475**	**10/75**	**1.92**
Duquesne Light	Philips	387	373	7/73	1.92
Indianapolis Pwr.& Lt.(14)	**Petersburg 3**	**1180**	**515**	**12/77**	**3.25**
Kansas City Pwr.& Lt.(15)	**Hawthrown 3**	**836**	**85**	**11/72**	**2.00**
Kansas City Pwr.& Lt.	Hawthrown 4		85	8/72	2.00
Kansas City Pwr.& Lt.	LaCygne	1450	820	2/73	5.39
Kansas City Pwr.& Lt.	Jeffrey 2		680	4/80	0.30
Kentucky Utilities(16)	**Green River 1-3**	**242**	**60**	**9/75**	**4.00**
Louisville Gas & Elec.(17)	**Cane Run 4**	**992**	**175**	**8/76**	**3.75**
Louisville Gas & Elec.	Cane Run 5		192	12/77	3.75
Louisville Gas & Elec.	Cane Run 6		269	4/79	4.80
Louisville Gas & Elec.	Paddy's Run 6	302	67	4/73	2.50
Louisville Gas & Elec.	Mill Creek 3	1079	420	8/78	3.75
Louisville Gas & Elec.	Mill Creek 1		334	12/80	3.75
Minnesota Power & Light(18)	**Clay Boswell 4**	**1000**	**504**	**4/80**	**0.94**
Minnkota Power Coop.(19)	**Milton R. Young 2**	**690**	**402**	**9/77**	**0.70**
Monongahela Power(20)	**Pleasants 1**	**1250**	**625**	**3/79**	**3.70**
Nevada Power(21)	**Reid Gardner 1**	**342**	**110**	**4/74**	**0.50**
Nevada Power	Reid Gardner 2		110	4/74	0.50
Nevada Power	Reid Gardner 3		110	7/76	0.50
Northern Indiana Pub. Serv.(22)	**Dean H. Mitchell 11**	**115**	**94**	**7/76**	**3.50**
Northern States Power(23)	**Sherburn 1**	**3200**	**700**	**3/76**	**0.80**
Northern States Power	Sherburn 2		700	4/77	0.80
Northern States Power	Riverside 6, 7	350	103	11/80	1.20
Pacific Pwr. & Light(24)	**Jim Bridger**	**2034**	**507**	**9/79**	**0.60**
Pennsylvania Power(25)	**Bruce Mansfield 1**	**2751**	**825**	**12/75**	**3.00**
Pennsylvania Power	Bruce Mansfield 2		825	7/77	3.00
Pennsylvania Power	Bruce Mansfield 3		825	6/80	3.00
Public Serv. of New Mexico(26)	**San Juan 1**	**1193**	**314**	**4/78**	**0.80**
Public Serv. of New Mexico	San Juan 2		306	8/78	0.80
Public Serv. of New Mexico	San Juan 3		468	12/79	0.80
Salt River Project(27)	**Coronado 1**	**395**	**350**	**11/79**	**1.00**
Salt River Project	Coronado 2		350	7/80	1.00
South Carolina Pub. Serv.(28)	**Georgetown 2**	**315**	**258**	**7/77**	**1.70**
South Mississippi Elec. Pwr.(29)	**R. D. Morrow 1**	**400**	**180**	**8/78**	**1.30**
South Mississippi Elec. Pwr.	R. D. Morrow 2		180	6/79	1.30
South Illinois Power Coop.(30)	**Marion 4**	**270**	**160**	**5/79**	**3.50**
Southern Indiana Gas & Elec.(31)	**A. B. Brown 1**	**265**	**250**	**3/79**	**4.50**
Springfield Wtr Lt. & Pwr.(32)	**Dallman 3**	**350**	**190**	**10/80**	**3.30**
Tennessee Valley Authority(33)	**Widows Creek 8**	**1980**	**516**	**5/77**	**3.70**
Texas Power & Light(34)	**Martin Lake 1**	**3000**	**750**	**4/77**	**0.90**
Texas Power & Light	Martin Lake 2		750	5/78	0.90
Texas Power & Light	Martin Lake 3		750	2/79	0.90
Texas Power & Light	Monticello 3	1900	750	5/78	1.50
The Kansas Pwr. & Lt.(35)	**Jeffrey Energy Center**	**2720**	**680**	**8/78**	**0.32**
The Kansas Pwr. & Lt.	Lawrence 4	576	115	1/76	0.55
The Kansas Pwr. & Lt.	Lawrence 5		400	11/71	0.55
The Montana Power(36)	**Colstrip 1**	**664**	**332**	**9/75**	**0.77**
The Montana Power	Colstrip 2		332	5/76	0.77

Table 28. FGD Capacity In Operation as of December 1980 —Cont.

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
Utah Power & Light(37)	**Huntington 1**	**810**	**400**	**5/78**	**0.55**
Utah Power & Light	Hunter 2		400	6/8	0.55

Note: The numbers in parenthesis in this table correspond to the footnote numbers in column (10) of the table in Chapter 6 of this report, which is a description of steam plants meeting or not meeting 1980 sulfur regulations. NR = Not Reported.

Table 28. FGD Capacity In Operation as of December 1980 -Cont.

Company	Plant	FGD Status	FGD Process	Designed SO2 Removal Percent Efficiency	Cost of FGD System: Installed Cost Dollar Per Kilowatt	Cost of FGD System: Operat Maint Cost Mills per kWh
Alabama Electric Coop.(1)	**Tombigbee 2**	**New**	**Limestone**	**85.**	**69.5**	**NR**
Alabama Electric Coop.	Tombigbee 3	New	Limestone	85.0	69.5	NR
Arizona Electric Pwr. Coop.(2)	**Apache 2**	**New**	**Limestone**	**85.0**	**44.0**	**2.10**
Arizona Electric Pwr. Coop.	Apache 3	New	Limestone	85.0	44.0	2.10
Arizona Pub. Serv. Co.(3)	**Cholla 1**	**Retrofit**	**Limestone**	**92.0**	**52.0**	**2.19**
Arizona Pub. Serv. Co.	Cholla 2	New	Limestone	75.0	NR	2.19
Arizona Pub. Serv. Co.	Four Corners 1	Retrofit	Lime/Alkaline Flyash	80.0		
Arizona Pub. Serv. Co.	Four Corners 2	Retrofit	Lime/Alkaline Flyash	80.0		
Arizona Pub. Serv. Co.	Four Corners 3	Retrofit	Lime/Alkaline Flyash	80.0		
Basin Electric Power Coop.(4)	**Laramie River 1**	**New**	**Limestone**	**90.0**		
Big River Elec. Pwr. Coop.(5)	**R. D. Green**	**New**	**Lime**	**90.0**	**43.2**	**NR**
Big River Elec. Pwr. Coop.	R. D. Green 2	New	Lime	90.0		
Central Illinois Light(6)	**Duck Creek 1**	**New**	**Limestone**	**85.0**	**93.3**	**3.30**
Central Illinois Pub. Serv.(7)	**Newton**	**New**	**Dual Alkali**	**95.0**	**189.0**	**NR**
City Utils. of Springfield(8)	**Southwest 1**	**New**	**Limestone**	**80.0**	**81.3**	**6.17**
Colorado Ute Elec. Assn.(9)	**Craig 1**	**New**	**Lime**	**89.0**	**55.5**	**5.80**
Colorado Ute Elec. Assn.	Craig 2	New	Limestone	85.0		
Columbus and So. Ohio Elec.(10)	**Conesville 5**	**New**	**Limestone**	**85.5**		
Columbus and So. Ohio Elec.	Conesville 6	New	Lime	89.5	55.5	5.80
Commonwealth Edison (11)	**Powerton 51**	**New**	**Lime/Alkaline Flyash**	**75.5**		
Cooperative Pwr. Assn.(12)	**Coal Creek 1**	**New**	**Lime/Alkaline Flyash**	**90.0**	**NR**	**NR**
Cooperative Pwr. Assn.	Coal Creek 2	Retrofit	Lime	83.0	133.5	8.62
Duquesne Light(13)	**Elrama**	**Retrofit**	**Wellman-Lord**	**90.0**		
Duquesne Light	Philips	Retrofit	Lime	83.0	107.0	7.83
Indianapolis Pwr.& Lt.(14)	**Petersburg 3**	**New**	**Limestone**	**85.0**	**99.5**	**6.96**
Kansas City Pwr.& Lt.(15)	**Hawthrown 3**	**Retrofit**	**Lime**	**70.0**	**29.2**	**8.40**
Kansas City Pwr.& Lt.	Hawthrown 4	Retrofit	Lime	70.0	29.2	8.40
Kansas City Pwr.& Lt.	LaCygne	New	Limestone	80.0	53.6	1.30
Kansas City Pwr.& Lt.	Jeffrey 2	Retrofit	Lime	80.0	70.3	14.30
Kentucky Utilities(16)	**Green River 1-3**	**New**	**Limestone**	**80.0**		
Louisville Gas & Elec.(17)	**Cane Run 4**	**Retrofit**	**Lime**	**85.0**	**66.5**	**NR**
Louisville Gas & Elec.	Cane Run 5	Retrofit	Lime	85.0	62.4	NR
Louisville Gas & Elec.	Cane Run 6	Retrofit	Dual Alkali	95.0	57.9	3.20
Louisville Gas & Elec.	Paddy's Run 6	Retrofit	Lime	90.0	52.8	NR
Louisville Gas & Elec.	Mill Creek 3	New	Lime	85.0	NR	NR
Louisville Gas & Elec.	Mill Creek 1	New	Lime/Alkaline Flyash	85.0	85.9	NR
Minnesota Power & Light(18)	**Clay Boswell 4**	**Retrofit**	**Lime**	**85.0**		
Minnkota Power Coop.(19)	**Milton R. Young 2**	**New**	**Line/Alkaline Flyash**	**84.5**		
Monongahela Power(20)	**Pleasants 1**	**New**	**Lime**	**90.0**	**NR**	**NR**
Nevada Power(21)	**Reid Gardner 1**	**Retrofit**	**Sodium Carbonate**	**90.0**	**42.9**	**2.10**
Nevada Power	Reid Gardner 2	Retrofit	Sodium Carbonate	90.0	42.9	2.10
Nevada Power	Reid Gardner 3	New	Sodium Carbonate	85.0	113.6	2.10
Northern Indiana Pub. Serv.(22)	**Dean H. Mitchell 11**	**Retrofit**	**Wellman-Lord**	**90.0**	**156.9**	**14.90**
Northern States Power(23)	**Sherburn 1**	**New**	**Limestine/ Aklaline Flyash**	**50.0**	**47.9**	**2.00**
Northern States Power	Sherburn 2	New	Limestone/ Aklaline Flyash	50.0	47.9	2.00
Northern States Power	Riverside 6, 7	New	Sodium Carbonate	91.0	120.0	NR
Pacific Pwr. & Light(24)	**Jim Bridger**	**Retrofit**	**Lime/Spray Drying**	**90.0**		
Pennsylvania Power(25)	**Bruce Mansfield 1**	**New**	**Lime**	**92.0**	**120.0**	**14.30**
Pennsylvania Power	Bruce Mansfield 2	Retrofit	Lime/Spray	90.0		
Pennsylvania Power	Bruce Mansfield 3	New	Lime	92.0	120.6	14.30
Public Serv. of New Mexico(26)	**San Juan 1**	**New**	**Lime**	**92.2**		
Public Serv. of New Mexico	San Juan 2	Retrofit	Wellman-Lord	85.0	127.9	NR
Public Serv. of New Mexico	San Juan 3	Retrofit	Wellman-Lord	85.0	127.9	NR
Salt River Project(27)	**Coronado 1**	**New**	**Wellman-Lord**	**90.0**	**NR**	**NR**
Salt River Project	Coronado 2	New	Limestone	82.5	74.0	NR
South Carolina Pub. Serv.(28)	**Georgetown 2**	**New**	**Limestone**	**66.0**		

Table 28. FGD Capacity In Operation as of December 1980 -Cont.

Company	Plant	FGD Status	FGD Process	Designed SO2 Removal Percent Efficiency	Cost of FGD System: Installed Cost Dollar Per Kilowatt	Cost of FGD System: Operat Maint Cost Mills per kWh
South Mississippi Elec. Pwr.(29)	**R. D. Morrow 1**	**New**	**Limestone**	**85.0**	**235.5**	**NR**
South Mississippi Elec. Pwr.	R. D. Morrow 2	New	Limestone	90.0		
South Illinois Power Coop.(30)	**Marion 4**	**New**	**Limestone**	**85.0**	**235.5**	**NR**
Southern Indiana Gas & Elec.(31)	**A. B. Brown 1**	**New**	**Limestone**	**89.4**	**NR**	**NR**
Springfield Wtr. Lt. & Pwr.(32)	**Dallman 3**	**Retrofit**	**Limestone**	**80.0**	**113.2**	**5.2**
Tennessee Valley Authority(33)	**Widows Creek 8**	**New**	**Limestone**	**71.0**	**NR**	**NR**
Texas Power & Light(34)	**Martin Lake 1**	**New**	**Limestone**	**95.0**		
Texas Power & Light	Martin Lake 2	New	Limestone	71.0	NR	NR
Texas Power & Light	Martin Lake 3	New	Limestone	71.0	NR	NR
Texas Power & Light	Monticello 3	New	Limestone	74.0	25.0	NR
The Kansas Pwr. & Lt.(35)	**Jeffrey Energy Center**	**New**	**Limestone**	**80.0**	**NR**	**NR**
The Kansas Pwr. & Lt.	Lawrence 4	Retrofit	Limestone	73.0	82.0	1.65
The Kansas Pwr. & Lt.	Lawrence 5	Retrofit	Limestone	52.0	17.7	0.73
The Montana Power(36)	**Colstrip 1**	**New**	**Lime/Alkaline Flyash**	**60.0**	**77.3**	**4.06**
The Montana Power	Colstrip 2	New	Lime/Alkaline Flyash	60.0	77.3	4.06
Utah Power & Light(37)	**Hunter 1**	**New**	**Lime**	**80.0**	**NR**	**NR**
Utah Power & Light	Huntington 1	New	Lime	80.0	NR	NR
Utah Power & Light	Hunter 2	New	Lime	80.0		

Note: The numbers in parenthesis in this table correspond to the footnote numbers in column (10) of the table in Chapter 6 of this report, which is a description of steam plants meeting or not meeting 1980 sulfur regulations. NR = Not Reported.

3. Cost and Quality Data by Census Region and State, 1980

The cost as reported on Form 423 is in cents per million Btu. The annual averages for the three fossil fuels, by state and census region appear in Tables 41 through 52. However, also included are average cost in dollars per ton of coal in Tables 44 and 51; dollars per barrel of oil in Tables 45, 46, 47, and 52; and dollars per Mcf of gas in Tables 48, 49, and 50. These costs were computed for each state and region.

Variations in the average cost per million Btu in relation to the average cost 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 per pound while lignite rarely contains more than 7,500 Btu per pound. Also, the heat content of refinery gas can be above 1,200 Btu per cubic foot while blast furnace gas contains approximately 90 Btu per cubic foot.

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 of a 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 exchange arrangement at the three plants.

Receipts

During 1981, coal receipts totaled 593,995.39 thousand short tons, an increase of 37,437.3 thousand short tons from 1979. Bituminous coal shipments increased 3,673.0 thousand short tons, and subbituminous coal shipments increased 29,022.9 thousand short tons compared to those for 1979.

Receipts of all oil to fossil-fueled plants totaled 408,518.3 thousand barrels, which showed a 107,943.9 thousand-barrel decrease from receipts in 1979. Heavy-oil purchases totaled 384,029.4 thousand barrels, decreasing 86,011.4 thousand barrels from purchases in 1979. Light-oil purchases decreased 21,932.5 thousand barrels to a level of 24,488.9 thousand barrels during 1979.

Gas receipts to electric units totaled 3,568,694.4 million cubic feet (MMcf) during 1980, which was an increase of 189,877.0 MMcf above 1979 receipts. Natural-gas receipts increased 194,902.0 MMcf above 1979 to a level of 3,552,443.5 MMcf.

Coal, oil, and gas receipts in 1980 in comparison to 1979 are shown in the table below.

Type of Fuel	1980	1979	Quantitative Difference	Change (Percentage)[1]
Total Coal (thousand short tons)	**593,995.3**	**556,558.0**	**37,437.3**	**6.4**
Bituminous	410,518.1	406,845.1	3,673.0	0.6
Subbituminous	139,704.8	110,681.9	29,022.9	25.9
Lignite	42,711.6	37,884.6	4,827.0	12.4
Anthracite	1,060.8	1,146.4	-85.6	-7.7
Total Oil (thousand bbls)	**408,518.3**	**516,462.2**	**-107,943.9**	**-21.1**
Heavy	384,029.4	470,040.8	-86,011.4	-18.5
Light	24,488.9	46,421.4	-21,932.5	-47.4
Total Gas[2] (million cu. ft.)	**3,568,694.4**	**3,378,816.9**	**189,877.0**	**5.3**
Natural	3,552,443.5	3,357,540.7	194,902.0	5.5
Other[3]	16,250.9	21,276.2	-5,025.3	-23.8

[1]Percent change is based on daily averages.
[2]Includes small quantities of off-peak gas.
[3]Includes small quantities of coke-oven gas, refinery and blast-furnace gas.
Note: Totals may not equal sum of components because of independent rounding.
Source: •Federal Power Commission Form 423.

Table 29. Coal Receipts to Steam-Electric Units by Census Region and State, 1980 (Thousand Tons)

Census Region and State	Receipts by Type of Coal				
	Anthracite	Bituminous	Subbituminous	Lignite	Total
New England	-	**1,685.8**	-	-	**1,685.8**
Connecticut	-	-	-	-	-
Maine	-	-	-	-	-
Massachusetts	-	633.5	-	-	633.5
New Hampshire	-	1,052.3	-	-	1,052.3
Rhode Island	-	-	-	-	-
Vermont	-	-	-	-	-
Middle Atlantic	**1,045.0**	**50,122.3**	-	-	**51,167.2**
New Jersey	-	2,525.9	-	-	2,525.9
New York	-	6,368.1	-	-	6,368.1
Pennsylvania	1,045.0	41,228.2	-	-	42,273.2
East North Central	-	**135,478.6**	**24,651.0**	-	**160,129.7**
Illinois	-	21,635.9	14,251.8	-	35,887.7
Indiana	-	35,596.8	1,220.0	-	36,816.8
Michigan	-	19,508.7	2,636.0	-	22,144.7
Ohio	-	50,252.5	513.6	-	50,766.1
Wisconsin	-	8,484.6	6,029.6	-	14,514.2
West North Central	-	**34,694.0**	**27,396.8**	**15,404.8**	**77,495.6**
Iowa	-	7,533.0	3,173.7	-	10,706.7
Kansas	-	3,757.6	6,484.0	-	10,241.6
Minnesota	-	832.2	10,665.5	735.6	12,233.4
Missouri	-	22,135.2	2,676.5	-	24,811.7
Nebraska	-	436.0	4,174.2	-	4,610.2
North Dakota	-	-	-	12,215.5	12,215.5
South Dakota	-	-	222.9	2,453.7	2,676.6
South Atlantic	**15.8**	**104,372.4**	-	-	**104,388.2**
Delaware	-	1,082.9	-	-	1,082.9
District of Columbia	-	-	-	-	-
Florida	15.8	8,668.2	-	-	8,684.0
Georgia	-	21,306.6	-	-	21,306.6
Maryland	-	6,001.9	-	-	6,001.9
North Carolina	-	23,433.9	-	-	23,433.9
South Carolina	-	8,096.4	-	-	8,096.4
Virginia	-	5,202.4	-	-	5,202.4
West Virginia	-	30,580.1	-	-	30,580.1
East South Central	-	**70,329.5**	-	-	**70,329.5**
Alabama	-	19,838.4	-	-	19,838.4
Kentucky	-	24,896.5	-	-	24,896.5
Mississippi	-	3,751.4	-	-	3,751.4
Tennessee	-	21,843.2	-	-	21,843.2
West South Central	-	**3,820.7**	**29,164.0**	**27,014.0**	**59,998.7**
Arkansas	-	-	3,275.1	-	3,275.1
Louisiana	-	-	2,067.9	-	2,067.9
Oklahoma	-	2,838.0	5,044.7	-	7,882.7
Texas	-	982.7	18,776.3	27,014.0	46,773.0
Mountain	-	**10,014.7**	**52,622.5**	**292.8**	**62,930.1**
Arizona	-	1,959.7	10,511.1	-	12,470.8
Colorado	-	1,914.8	9,290.9	-	11,205.7
Idaho	-	-	-	-	-
Montana	-	-	3,071.0	292.8	3,363.8
Nevada	-	942.2	3,573.0	-	4,515.2
New Mexico	-	-	11,622.5	-	11,622.5
Utah	-	5,198.0	-	-	5,198.0
Wyoming	-	-	14,554.0	-	14,554.0
Pacific	-	-	**5,870.5**	-	**5,870.5**
California	-	-	-	-	-
Oregon	-	-	1,070.5	-	1,070.5
Washington	-	-	4,800.0	-	4,800.0
Contiguous U.S.	**1,060.8**	**410,518.1**	**139,704.8**	**42,711.6**	**593,995.3**

Table 30. Fuel Oil Receipts to All Reporting Plants by Census Region and State, 1980 (Thousand Barrels)

Census Region and State	Receipts by Type of Oil				
	Kerosene[1]	Fuel Oil No. 2	Fuel Oil No. 6	Other Heavy Oils[2]	Total
New England	**86.5**	**272.2**	**74,634.0**	**-**	**74,992.7**
Connecticut	52.4	24.0	21,330.0	-	21,406.4
Maine	-	22.0	3,444.9	-	3,466.9
Massachusetts	10.0	199.1	44,808.1	-	45,017.2
New Hampshire	5.8	19.5	3,670.0	-	3,695.3
Rhode Island	-	-	1,381.0	-	1,381.0
Vermont	18.3	7.6	-	-	25.9
Middle Atlantic	**712.6**	**4,628.2**	**90,193.3**	**-**	**95,534.1**
New Jersey	693.0	1,883.7	12,578.1	-	15,154.9
New York	19.5	347.4	58,882.3	-	59,249.3
Pennsylvania	-	2,397.1	18,732.9	-	21,130.0
East North Central	**156.0**	**3,763.8**	**22,611.5**	**-**	**26,531.3**
Illinois	156.0	496.0	12,887.6	-	13,539.6
Indiana	-	804.1	-	-	804.1
Michigan	-	511.6	9,017.6	-	9,529.2
Ohio	-	1,471.6	640.8	-	2,112.4
Wisconsin	-	480.5	65.5	-	546.0
West North Central	**-**	**1,322.3**	**895.9**	**46.8**	**2,265.0**
Iowa	-	127.2	-	-	127.2
Kansas	-	74.5	-	43.5	118.0
Minnesota	-	469.9	339.5	3.3	812.7
Missouri	-	415.4	379.6	-	795.0
Nebraska	-	94.0	155.4	-	249.4
North Dakota	-	56.7	-	-	56.7
South Dakota	-	84.6	21.4	-	106.0
South Atlantic	**14.0**	**6,460.0**	**102,630.0**	**1,186.3**	**110,290.2**
Delaware	-	185.2	5,773.9	-	5,959.1
District of Columbia	-	109.0	289.0	1,175.0	1,573.0
Florida	-	3,053.5	71,041.3	11.3	74,106.0
Georgia	-	312.3	732.2	-	1,044.5
Maryland	10.0	941.4	8,541.2	-	9,492.7
North Carolina	-	381.8	-	-	381.8
South Carolina	-	362.0	2,043.4	-	2,405.4
Virginia	-	754.9	14,209.0	-	14,963.9
West Virginia	4.0	359.9	-	-	363.9
East South Central	**-**	**985.4**	**5,059.6**	**-**	**6,045.0**
Alabama	-	378.4	-	-	378.4
Kentucky	-	152.5	-	-	152.5
Mississippi	-	60.3	5,059.6	-	5,119.9
Tennessee	-	394.3	-	-	394.3
West South Central	**-**	**2,347.6**	**9,705.9**	**787.6**	**12,841.1**
Arkansas	-	315.9	3,125.0	-	3,440.9
Louisiana	-	1,448.3	6,001.2	-	7,449.5
Oklahoma	-	17.9	-	-	17.9
Texas	-	565.5	579.7	787.6	1,932.8
Mountain	**-**	**806.2**	**3,446.1**	**1,071.0**	**5,323.4**
Arizona	-	392.5	681.7	899.9	1,974.2
Colorado	-	164.2	198.2	-	362.4
Idaho	-	-	-	-	-
Montana	-	11.1	-	-	11.1
Nevada	-	53.2	2,507.2	-	2,560.4
New Mexico	-	90.1	-	171.1	261.2
Utah	-	81.0	59.0	-	140.0
Wyoming	-	14.1	-	-	14.1
Pacific	**976.7**	**2,046.4**	**71,650.8**	**110.7**	**74,784.6**
California	976.7	1,680.5	71,421.0	97.8	74,176.0
Oregon	-	365.7	-	-	365.7
Washington	-	.3	229.8	12.9	243.0
Contiguous U.S.	**1,945.8**	**22,632.1**	**380,827.1**	**3,202.3**	**408,607.4**

[1] Includes small quantities of Jet Fuel.
[2] Includes FO4, FO5, Crude and Topped Crude.

Table 31. Fuel Oil Receipts to Steam-Electric Units by Census Region and State, 1980 (Thousand Barrels)

Census Region and State	Receipts by Type of Oil					
	Fuel Oil No. 2	Fuel Oil No. 4[1]	Fuel Oil No. 5[1]	Fuel Oil No. 6	Crude Oil[2]	Total
New England	**113.4**	-	-	**74,634.0**	-	**74,747.4**
Connecticut	22.5	-	-	21,330.0	-	21,352.5
Maine	12.0	-	-	3,444.9	-	3,456.9
Massachusetts	56.7	-	-	44,808.1	-	44,864.8
New Hampshire	19.5	-	-	3,670.0	-	3,689.5
Rhode Island	-	-	-	1,381.0	-	1,381.0
Vermont	2.7	-	-	-	-	2.7
Middle Atlantic	**935.2**	-	-	**90,193.3**	-	**91,128.6**
New Jersey	23.3	-	-	12,578.1	-	12,601.4
New York	-	-	-	58,882.3	-	58,882.3
Pennsylvania	911.9	-	-	18,732.9	-	19,644.8
East North Central	**2,231.2**	-	-	**22,611.5**	-	**24,842.7**
Illinois	282.3	-	-	12,887.6	-	13,169.9
Indiana	358.3	-	-	-	-	358.3
Michigan	485.4	-	-	9,017.6	-	9,503.0
Ohio	852.3	-	-	640.8	-	1,493.1
Wisconsin	252.8	-	-	65.5	-	318.3
West North Central	**498.2**	-	**46.8**	**895.9**	-	**1,440.8**
Iowa	114.2	-	-	-	-	114.2
Kansas	38.5	-	43.5	-	-	82.0
Minnesota	6.3	-	3.3	339.5	-	349.1
Missouri	141.6	-	-	379.6	-	521.3
Nebraska	94.0	-	-	155.4	-	249.4
North Dakota	52.9	-	-	-	-	52.9
South Dakota	50.7	-	-	21.4	-	72.1
South Atlantic	**2,503.9**	**1,186.3**	-	**102,360.0**	-	**106,050.1**
Delaware	164.5	-	-	5,773.9	-	5,938.3
District of Columbia	31.0	1,175.0	-	289.0	-	1,495.0
Florida	283.6	11.3	-	70,771.3	-	71,066.2
Georgia	304.3	-	-	732.2	-	1,036.5
Maryland	472.6	-	-	8,541.2	-	9,013.8
North Carolina	233.2	-	-	-	-	233.2
South Carolina	114.9	-	-	2,043.4	-	2,158.3
Virginia	539.8	-	-	14,209.0	-	14,748.8
West Virginia	359.9	-	-	-	-	359.9
East South Central	**744.3**	-	-	**5,059.6**	-	**5,803.9**
Alabama	334.1	-	-	-	-	334.1
Kentucky	141.9	-	-	-	-	141.9
Mississippi	59.3	-	-	5,059.6	-	5,118.9
Tennessee	209.0	-	-	-	-	209.0
West South Central	**2,075.8**	**135.0**	**652.6**	**9,705.9**	-	**12,569.3**
Arkansas	190.9	-	-	3,125.0	-	3,315.9
Louisiana	1,442.4	-	-	6,001.2	-	7,443.6
Oklahoma	17.9	-	-	-	-	17.9
Texas	424.6	135.0	652.6	579.7	-	1,792.0
Mountain	**620.5**	**88.0**	**983.0**	**3,446.1**	-	**5,137.6**
Arizona	337.2	-	899.9	681.7	-	1,918.9
Colorado	44.9	-	-	198.2	-	243.1
Idaho	-	-	-	-	-	-
Montana	-	-	-	-	-	-
Nevada	53.2	-	-	2,507.2	-	2,560.4
New Mexico	90.1	88.0	83.1	-	-	261.2
Utah	81.0	-	-	59.0	-	140.0
Wyoming	14.0	-	-	-	-	14.0
Pacific	**215.2**	**12.9**	-	**71,650.8**	**97.8**	**71,976.7**
California	148.6	-	-	71,421.0	97.8	71,667.4
Oregon	66.6	-	-	-	-	66.6
Washington	-	12.9	-	229.8	-	242.7
Contiguous U.S.	**9,937.6**	**1,422.2**	**1,682.3**	**380,557.1**	**97.8**	**393,697.1**

[1] Blend of FO2 and FO6 fuel oil.
[2] Includes small quantities of topped crude.

Table 32. Fuel Oil Receipts to Peaking Units by Census Region and State, 1980 (Thousand Barrels)

Census Region and State	Receipts by Type of Oil			
	Kerosene[1]	Fuel Oil No. 2	Heavy Oil[2]	Total
New England	**86.5**	**158.8**	**-**	**245.3**
Connecticut	52.4	1.5	-	53.9
Maine	-	10.0	-	10.0
Massachusetts	10.0	142.4	-	152.4
New Hampshire	5.8	-	-	5.8
Rhode Island	-	-	-	-
Vermont	18.3	4.9	-	23.2
Middle Atlantic	**712.6**	**3,693.0**	**-**	**4,405.5**
New Jersey	693.0	1,860.4	-	2,553.4
New York	19.5	347.4	-	366.9
Pennsylvania	-	1,485.2	-	1,485.2
East North Central	**156.0**	**1,532.6**	**-**	**1,688.6**
Illinois	156.0	213.7	-	369.7
Indiana	-	445.8	-	445.8
Michigan	-	26.2	-	26.2
Ohio	-	619.3	-	619.3
Wisconsin	-	227.7	-	227.7
West North Central	**-**	**824.1**	**-**	**824.1**
Iowa	-	13.0	-	13.0
Kansas	-	36.0	-	36.0
Minnesota	-	463.6	-	463.6
Missouri	-	273.8	-	273.8
Nebraska	-	-	-	-
North Dakota	-	3.8	-	3.8
South Dakota	-	33.9	-	33.9
South Atlantic	**14.0**	**3,956.1**	**270.0**	**4,240.1**
Delaware	-	20.7	-	20.7
District of Columbia	-	78.0	-	78.0
Florida	-	2,769.8	270.0	3,039.8
Georgia	-	8.0	-	8.0
Maryland	10.0	468.8	-	478.8
North Carolina	-	148.5	-	148.5
South Carolina	-	247.1	-	247.1
Virginia	-	215.1	-	215.1
West Virginia	4.0	-	-	4.0
East South Central	**-**	**241.1**	**-**	**241.1**
Alabama	-	44.3	-	44.3
Kentucky	-	10.6	-	10.6
Mississippi	-	1.0	-	1.0
Tennessee	-	185.2	-	185.2
West South Central	**-**	**271.8**	**-**	**271.8**
Arkansas	-	125.0	-	125.0
Louisiana	-	5.9	-	5.9
Oklahoma	-	-	-	-
Texas	-	140.8	-	140.8
Mountain	**-**	**185.8**	**-**	**185.8**
Arizona	-	55.3	-	55.3
Colorado	-	119.3	-	119.3
Idaho	-	-	-	-
Montana	-	11.1	-	11.1
Nevada	-	-	-	-
New Mexico	-	-	-	-
Utah	-	-	-	-
Wyoming	-	.1	-	.1
Pacific	**976.7**	**1,831.3**	**-**	**2,808.0**
California	976.7	1,531.9	-	2,508.6
Oregon	-	299.1	-	299.1
Washington	-	.3	-	.3
Contiguous U.S.	**1,945.8**	**12,694.5**	**270.0**	**14,910.3**

[1] Includes small quantities of Jet Fuel.
[2] Includes FO4, FO5, FO6, Crude and Topped Crude.

Table 33. Gas Receipts to All Reporting Plants by Census Region and State, 1980 (Thousand Mcf)

Census Region and State	Receipts by Type of Gas			
	Natural Gas	LNG and SNG[1]	Other[2]	Total
New England	**6,718.9**	-	-	**6,718.9**
Connecticut	-	-	-	-
Maine	-	-	-	-
Massachusetts	6,479.9	-	-	6,479.9
New Hampshire	-	-	-	-
Rhode Island	-	-	-	-
Vermont	239.0	-	-	239.0
Middle Atlantic	**202,711.1**	-	-	**202,711.1**
New Jersey	80,311.6	-	-	80,311.6
New York	120,683.1	-	-	120,683.1
Pennsylvania	1,716.3	-	-	1,716.3
East North Central	**51,345.5**	-	**6,629.4**	**57,974.9**
Illinois	18,575.1	-	-	18,575.1
Indiana	1,457.7	-	-	1,457.7
Michigan	15,666.5	-	6,557.0	22,223.5
Ohio	3,576.4	-	72.4	3,648.8
Wisconsin	12,069.8	-	-	12,069.8
West North Central	**126,900.6**	-	-	**126,900.6**
Iowa	5,396.9	-	-	5,396.9
Kansas	89,424.7	-	-	89,424.7
Minnesota	6,580.0	-	-	6,580.0
Missouri	14,474.3	-	-	14,474.3
Nebraska	10,456.8	-	-	10,456.8
North Dakota	-	-	-	-
South Dakota	567.8	-	-	567.8
South Atlantic	**179,755.8**	-	**1,449.5**	**181,205.2**
Delaware	5,892.1	-	492.5	6,384.5
District of Columbia	-	-	-	-
Florida	156,718.6	-	-	156,718.6
Georgia	3,639.5	-	-	3,639.5
Maryland	5,225.5	-	-	5,225.5
North Carolina	1,468.6	-	-	1,468.6
South Carolina	5,414.0	-	-	5,414.0
Virginia	1,265.8	-	957.0	2,222.8
West Virginia	131.7	-	-	131.7
East South Central	**95,219.8**	-	-	**95,219.8**
Alabama	1,381.3	-	-	1,381.3
Kentucky	1,893.3	-	-	1,893.3
Mississippi	91,945.1	-	-	91,945.1
Tennessee	-	-	-	-
West South Central	**2,226,668.3**	-	-	**2,226,668.3**
Arkansas	59,830.1	-	-	59,830.1
Louisiana	418,708.9	-	-	418,708.9
Oklahoma	324,888.0	-	-	324,888.0
Texas	1,423,241.3	-	-	1,423,241.3
Mountain	**158,872.9**	-	-	**158,872.9**
Arizona	48,984.3	-	-	48,984.3
Colorado	31,690.8	-	-	31,690.8
Idaho	47.6	-	-	47.6
Montana	4,081.8	-	-	4,081.8
Nevada	27,119.5	-	-	27,119.5
New Mexico	42,845.8	-	-	42,845.8
Utah	4,045.0	-	-	4,045.0
Wyoming	58.0	-	-	58.0
Pacific	**504,250.6**	-	**8,172.0**	**512,422.6**
California	501,395.3	-	8,172.0	509,567.3
Oregon	2,704.4	-	-	2,704.4
Washington	150.9	-	-	150.9
Contiguous U.S.	**3,552,443.5**	-	**16,250.9**	**3,568,694.4**

[1] Liquified Natural Gas and Synthetic Natural Gas.
[2] Includes small quantaties of Coke Oven Gas, Refinery Gas, and Blast Furnace Gas.

Table 34. Gas Receipts to Steam-Electric Units by Census Region and State, 1980 (Thousand Mcf)

Census Region and State	Receipts by Type of Gas			
	Natural Gas	LNG and SNG[1]	Other[2]	Total
New England	**6,562.3**	-	-	**6,562.3**
Connecticut	-	-	-	-
Maine	-	-	-	-
Massachusetts	6,323.3	-	-	6,323.3
New Hampshire	-	-	-	-
Rhode Island	-	-	-	-
Vermont	239.0	-	-	239.0
Middle Atlantic	**179,493.5**	-	-	**179,493.5**
New Jersey	65,105.9	-	-	65,105.9
New York	114,274.6	-	-	114,274.6
Pennsylvania	113.1	-	-	113.1
East North Central	**30,283.3**	-	**6,629.4**	**36,912.7**
Illinois	11,455.3	-	-	11,455.3
Indiana	1,117.3	-	-	1,117.3
Michigan	8,244.1	-	6,557.0	14,801.1
Ohio	323.2	-	72.4	395.6
Wisconsin	9,143.4	-	-	9,143.4
West North Central	**122,705.3**	-	-	**122,705.3**
Iowa	4,841.2	-	-	4,841.2
Kansas	86,423.6	-	-	86,423.6
Minnesota	6,461.4	-	-	6,461.4
Missouri	13,970.7	-	-	13,970.7
Nebraska	10,440.6	-	-	10,440.6
North Dakota	-	-	-	-
South Dakota	567.8	-	-	567.8
South Atlantic	**155,484.2**	-	**1,449.5**	**156,933.6**
Delaware	5,892.1	-	492.5	6,384.5
District of Columbia	-	-	-	-
Florida	143,108.6	-	-	143,108.6
Georgia	3,614.3	-	-	3,614.3
Maryland	-	-	-	-
North Carolina	-	-	-	-
South Carolina	2,066.6	-	-	2,066.6
Virginia	670.8	-	957.0	1,627.8
West Virginia	131.7	-	-	131.7
East South Central	**91,583.4**	-	-	**91,583.4**
Alabama	1,381.3	-	-	1,381.3
Kentucky	1,831.5	-	-	1,831.5
Mississippi	88,370.5	-	-	88,370.5
Tennessee	-	-	-	-
West South Central	**2,166,485.5**	-	-	**2,166,485.5**
Arkansas	58,692.2	-	-	58,692.2
Louisiana	416,219.9	-	-	416,219.9
Oklahoma	322,263.5	-	-	322,263.5
Texas	1,369,309.8	-	-	1,369,309.8
Mountain	**143,005.9**	-	-	**143,005.9**
Arizona	41,443.1	-	-	41,443.1
Colorado	26,286.3	-	-	26,286.3
Idaho	-	-	-	-
Montana	4,081.8	-	-	4,081.8
Nevada	24,875.8	-	-	24,875.8
New Mexico	42,215.8	-	-	42,215.8
Utah	4,045.0	-	-	4,045.0
Wyoming	58.0	-	-	58.0
Pacific	**495,369.9**	-	**8,172.0**	**503,541.9**
California	494,453.3	-	8,172.0	502,625.3
Oregon	916.6	-	-	916.6
Washington	-	-	-	-
Contiguous U.S.	**3,390,973.3**	-	**16,250.9**	**3,407,224.2**

[1] Liquified Natural Gas and Synthetic Natural Gas.
[2] Includes small quantaties of Coke Oven Gas, Refinery Gas, and Blast Furnace Gas.

Table 35. Gas Receipts to Peaking Units by Census Region and State, 1980 (Thousand Mcf)

Census Region and State	Receipts by Type of Gas			
	Natural Gas	LNG and SNG[1]	Other[2]	Total
New England	**156.6**	-	-	**156.6**
Connecticut	-	-	-	-
Maine	-	-	-	-
Massachusetts	156.6	-	-	156.6
New Hampshire	-	-	-	-
Rhode Island	-	-	-	-
Vermont	-	-	-	-
Middle Atlantic	**23,217.6**	-	-	**23,217.6**
New Jersey	15,205.8	-	-	15,205.8
New York	6,408.6	-	-	6,408.6
Pennsylvania	1,603.2	-	-	1,603.2
East North Central	**21,062.2**	-	-	**21,062.2**
Illinois	7,119.8	-	-	7,119.8
Indiana	340.4	-	-	340.4
Michigan	7,422.4	-	-	7,422.4
Ohio	3,253.3	-	-	3,253.3
Wisconsin	2,926.4	-	-	2,926.4
West North Central	**4,195.3**	-	-	**4,195.3**
Iowa	555.7	-	-	555.7
Kansas	3,001.2	-	-	3,001.2
Minnesota	118.6	-	-	118.6
Missouri	503.6	-	-	503.6
Nebraska	16.2	-	-	16.2
North Dakota	-	-	-	-
South Dakota	-	-	-	-
South Atlantic	**24,271.6**	-	-	**24,271.6**
Delaware	-	-	-	-
District of Columbia	-	-	-	-
Florida	13,610.0	-	-	13,610.0
Georgia	25.2	-	-	25.2
Maryland	5,225.5	-	-	5,225.5
North Carolina	1,468.6	-	-	1,468.6
South Carolina	3,347.3	-	-	3,347.3
Virginia	595.0	-	-	595.0
West Virginia	-	-	-	-
East South Central	**3,636.4**	-	-	**3,636.4**
Alabama	-	-	-	-
Kentucky	61.8	-	-	61.8
Mississippi	3,574.6	-	-	3,574.6
Tennessee	-	-	-	-
West South Central	**60,182.8**	-	-	**60,182.8**
Arkansas	1,137.9	-	-	1,137.9
Louisiana	2,489.0	-	-	2,489.0
Oklahoma	2,624.5	-	-	2,624.5
Texas	53,931.5	-	-	53,931.5
Mountain	**15,867.0**	-	-	**15,867.0**
Arizona	7,541.2	-	-	7,541.2
Colorado	5,404.5	-	-	5,404.5
Idaho	47.6	-	-	47.6
Montana	-	-	-	-
Nevada	2,243.7	-	-	2,243.7
New Mexico	630.0	-	-	630.0
Utah	-	-	-	-
Wyoming	-	-	-	-
Pacific	**8,880.7**	-	-	**8,880.7**
California	6,941.9	-	-	6,941.9
Oregon	1,787.8	-	-	1,787.8
Washington	150.9	-	-	150.9
Contiguous U.S.	**161,470.2**	-	-	**161,470.2**

[1] Liquified Natural Gas and Synthetic Natural Gas.
[2] Includes small quantaties of Coke Oven Gas, Refinery Gas, and Blast Furnace Gas.

Table 36. Basic Coal Statistics for the Past Twelve Months for Steam-Electric Units by Census Region

Census Region	January 1980	February 1980	March 1980	April 1980	May 1980	June 1980
New England						
Receipts Purchased, 1000 Tons	123.7	282.6	233.6	195.2	271.5	69.6
Total Heating Val, Billion Btu	3,337.3	7,607.1	6,190.4	5,244.4	7,262.9	1,877.8
Sulfur Content, % by Weight	2.4	1.7	1.7	1.7	1.7	2.6
Avg. Cost, ¢ per Million Btu	163.1	182.4	178.8	183.3	180.1	160.2
Total Est. Coal Bill, $1000	5,444.6	13,878.0	11,066.2	9,614.4	13,081.0	3,008.1
Middle Atlantic						
Receipts Purchased, 1000 Tons	4,773.5	4,322.9	4,075.9	4,255.1	4,222.4	4,049.6
Total Heating Val, Billion Btu	116,759.7	105,687.5	99,070.5	103,482.7	102,485.2	98,558.5
Sulfur Content, % by Weight	2.1	2.0	2.1	2.0	2.0	2.0
Avg. Cost, ¢ per Million Btu	126.7	131.1	130.9	133.4	130.1	140.6
Total Est. Coal Bill, $1000	147,924.4	138,569.4	129,732.8	138,031.2	133,286.3	138,547.6
East North Central						
Receipts Purchased, 1000 Tons	13,643.7	11,935.9	13,096.6	13,629.8	14,246.1	13,947.7
Total Heating Val, Billion Btu	298,112.7	260,997.8	287,080.6	301,377.6	316,129.9	309,744.9
Sulfur Content, % by Weight	2.3	2.2	2.3	2.1	2.2	2.2
Avg. Cost, ¢ per Million Btu	139.3	142.0	142.2	146.2	143.4	144.6
Total Est. Coal Bill, $1000	415,364.7	370,726.2	408,290.5	440,718.2	453,354.5	448,041.9
West North Central						
Receipts Purchased, 1000 Tons	6,090.5	5,813.6	6,743.4	6,197.7	6,181.3	6,632.0
Total Heating Val, Billion Btu	110,248.3	103,911.1	124,333.1	114,577.7	114,974.4	121,493.1
Sulfur Content, % by Weight	1.4	1.4	1.4	1.5	1.6	1.5
Avg. Cost, ¢ per Million Btu	105.6	104.8	106.0	107.8	108.7	108.6
Total Est. Coal Bill, $1000	116,389.0	108,870.1	131,760.8	123,564.0	125,003.1	131,918.7
South Atlantic						
Receipts Purchased, 1000 Tons	8,539.7	7,897.0	8,139.1	8,771.8	8,782.3	9,326.7
Total Heating Val, Billion Btu	206,224.0	191,277.0	197,255.9	212,985.0	212,833.7	226,453.1
Sulfur Content, % by Weight	1.6	1.6	1.6	1.6	1.6	1.6
Avg. Cost, ¢ per Million Btu	148.1	146.7	147.9	151.2	151.4	151.8
Total Est. Coal Bill, $1000	305,352.6	280,682.1	291,734.2	322,123.3	322,141.3	343,658.6
East South Central						
Receipts Purchased, 1000 Tons	6,320.9	5,919.3	5,917.0	5,882.8	6,018.7	6,086.2
Total Heating Val, Billion Btu	146,364.9	137,204.5	137,182.1	136,577.9	139,402.9	142,689.6
Sulfur Content, % by Weight	2.2	2.2	2.2	2.2	2.2	2.2
Avg. Cost, ¢ per Million Btu	142.4	143.3	147.5	147.9	146.8	151.4
Total Est. Coal Bill, $1000	208,465.9	196,629.3	202,405.2	201,936.1	204,655.6	215,971.3
West South Central						
Receipts Purchased, 1000 Tons	4,461.8	4,087.3	4,305.1	4,252.2	4,972.5	5,338.4
Total Heating Val, Billion Btu	67,577.0	62,052.9	65,128.2	65,644.5	76,524.0	81,837.9
Sulfur Content, % by Weight	.6	.6	.5	.5	.5	.5
Avg. Cost, ¢ per Million Btu	116.2	116.1	117.3	126.5	125.4	128.4
Total Est. Coal Bill, $1000	78,542.8	72,031.1	76,403.6	83,059.7	95,931.9	105,074.1
Mountain						
Receipts Purchased, 1000 Tons	5,436.5	5,104.9	5,484.4	5,447.0	4,806.7	5,171.4
Total Heating Val, Billion Btu	105,336.1	98,725.1	106,218.3	107,350.2	95,105.5	102,016.7
Sulfur Content, % by Weight	.5	.6	.6	.6	.5	.6
Avg. Cost, ¢ per Million Btu	77.5	77.8	76.6	78.7	78.5	80.1
Total Est. Coal Bill, $1000	81,596.3	76,835.2	81,321.2	84,472.9	74,617.3	81,682.8
Pacific						
Receipts Purchased, 1000 Tons	461.6	512.7	525.3	534.8	524.9	531.5
Total Heating Val, Billion Btu	7,479.0	8,323.8	8,517.5	8,680.7	8,529.6	8,647.1
Sulfur Content, % by Weight	.6	.8	.7	.5	.6	.9
Avg. Cost, ¢ per Million Btu	90.7	106.6	102.1	102.8	107.3	108.1
Total Est. Coal Bill, $1000	6,780.4	8,876.5	8,696.4	8,922.4	9,155.7	9,349.6
Contiguous U.S.						
Receipts Purchased, 1000 Tons	49,852.0	45,876.4	48,520.4	49,166.5	50,026.6	51,153.2
Total Heating Val, Billion Btu	1,061,439.0	975,786.9	1,030,976.4	1,055,920.6	1,073,248.2	1,093,318.8
Sulfur Content, % by Weight	1.7	1.6	1.6	1.6	1.6	1.6
Avg. Cost, ¢ per Million Btu	128.7	129.9	130.1	133.8	133.4	135.1
Total Est. Coal Bill, $1000	1,365,860.7	1,267,097.9	1,341,410.8	1,412,442.2	1,431,226.7	1,477,252.7

Table 36. Basic Coal Statistics for the Past Twelve Months for Steam-Electric Units by Census Region-Continued

Census Region	July 1980	August 1980	September 1980	October 1980	November 1980	December 1980	12 Month Total
New England							
Receipts Purchased, 1000 Tons	63.5	98.3	110.1	54.2	88.1	95.3	1,685.8
Total Heating Val, Billion Btu	1,710.2	2,630.4	2,957.8	1,421.2	2,360.5	2,565.3	45,165.4
Sulfur Content, % by Weight	2.7	2.6	2.6	2.5	2.5	2.1	2.0
Avg. Cost, ¢ per Million Btu	160.0	159.7	160.5	162.5	160.5	164.0	172.9
Total Est. Coal Bill, $1000	2,736.4	4,199.9	4,746.7	2,310.0	3,788.8	4,207.3	78,081.2
Middle Atlantic							
Receipts Purchased, 1000 Tons	3,420.7	4,475.9	4,400.6	4,620.9	4,279.7	4,270.0	51,167.2
Total Heating Val, Billion Btu	83,235.2	108,592.4	106,795.6	111,720.8	104,190.6	103,659.2	1,244,237.8
Sulfur Content, % by Weight	2.1	2.1	2.1	2.0	2.1	2.1	2.1
Avg. Cost, ¢ per Million Btu	144.4	139.6	142.1	140.4	143.3	145.8	137.2
Total Est. Coal Bill, $1000	120,200.0	151,557.7	151,751.3	156,899.5	149,262.9	151,182.5	1,706,945.4
East North Central							
Receipts Purchased, 1000 Tons	11,843.9	14,674.1	13,886.1	14,327.3	12,491.0	12,407.4	160,129.7
Total Heating Val, Billion Btu	257,687.3	323,431.3	307,288.0	318,166.1	275,080.6	271,791.9	3,526,888.7
Sulfur Content, % by Weight	2.0	2.1	2.1	2.1	2.1	2.1	2.2
Avg. Cost, ¢ per Million Btu	153.1	148.5	150.5	147.8	151.4	151.8	146.7
Total Est. Coal Bill, $1000	394,582.4	480,402.6	462,322.9	470,169.0	416,481.1	412,460.2	5,172,914.3
West North Central							
Receipts Purchased, 1000 Tons	6,142.3	7,571.8	6,923.1	6,286.5	6,065.2	6,848.2	77,495.6
Total Heating Val, Billion Btu	110,715.7	138,997.3	127,678.9	114,573.2	109,191.8	122,441.3	1,413,135.8
Sulfur Content, % by Weight	1.4	1.5	1.5	1.5	1.4	1.4	1.5
Avg. Cost, ¢ per Million Btu	110.7	113.7	114.4	116.3	115.5	106.4	110.0
Total Est. Coal Bill, $1000	122,553.8	158,079.3	146,008.0	133,248.5	126,160.8	130,291.8	1,553,847.9
South Atlantic							
Receipts Purchased, 1000 Tons	6,900.5	9,554.9	8,964.9	9,628.7	8,745.3	9,137.2	104,388.2
Total Heating Val, Billion Btu	167,954.0	233,001.0	219,024.5	234,752.5	213,006.1	222,183.7	2,536,950.5
Sulfur Content, % by Weight	1.5	1.6	1.5	1.5	1.6	1.6	1.6
Avg. Cost, ¢ per Million Btu	156.1	155.3	156.0	157.1	158.3	156.5	153.1
Total Est. Coal Bill, $1000	262,206.3	361,944.1	341,569.8	368,822.4	337,090.7	347,717.3	3,885,042.8
East South Central							
Receipts Purchased, 1000 Tons	4,725.2	6,303.1	5,481.9	5,812.7	5,993.7	5,867.9	70,329.5
Total Heating Val, Billion Btu	110,978.2	147,718.0	129,332.4	137,296.6	141,004.5	137,127.5	1,642,879.3
Sulfur Content, % by Weight	2.0	2.1	2.0	2.1	2.1	2.1	2.1
Avg. Cost, ¢ per Million Btu	152.2	153.3	151.3	151.7	155.5	159.5	150.2
Total Est. Coal Bill, $1000	168,874.5	226,395.9	195,703.8	208,235.7	219,327.8	218,718.6	2,467,319.8
West South Central							
Receipts Purchased, 1000 Tons	5,574.0	5,728.2	5,693.8	5,433.2	4,777.6	5,374.5	59,998.7
Total Heating Val, Billion Btu	85,074.9	86,298.4	86,982.6	84,020.8	73,941.1	82,715.8	917,798.1
Sulfur Content, % by Weight	.5	.5	.5	.5	.5	.8	.6
Avg. Cost, ¢ per Million Btu	130.6	126.3	130.3	128.3	123.8	123.1	124.8
Total Est. Coal Bill, $1000	111,145.8	109,001.8	113,324.7	107,796.3	91,532.2	101,811.6	1,145,655.4
Mountain							
Receipts Purchased, 1000 Tons	4,842.4	4,953.5	5,024.5	5,568.7	5,333.3	5,756.6	62,930.1
Total Heating Val, Billion Btu	93,431.5	97,184.3	97,880.8	108,616.3	102,884.7	111,783.6	1,226,533.1
Sulfur Content, % by Weight	.6	.6	.5	.6	.6	.6	.6
Avg. Cost, ¢ per Million Btu	76.3	82.2	86.6	81.5	79.6	79.7	79.6
Total Est. Coal Bill, $1000	71,280.3	79,847.8	84,812.3	88,557.7	81,914.7	89,072.1	976,010.7
Pacific							
Receipts Purchased, 1000 Tons	530.3	420.4	400.0	430.1	458.8	539.9	5,870.5
Total Heating Val, Billion Btu	8,644.7	6,821.8	6,480.0	6,971.1	7,443.3	8,769.6	95,308.2
Sulfur Content, % by Weight	.7	.8	.8	.9	.9	.6	.7
Avg. Cost, ¢ per Million Btu	111.1	100.9	98.9	102.3	105.5	112.7	104.4
Total Est. Coal Bill, $1000	9,608.2	6,881.5	6,408.7	7,133.9	7,852.2	9,882.3	99,547.7
Contiguous U.S.							
Receipts Purchased, 1000 Tons	44,042.9	53,780.3	50,885.0	52,162.4	48,232.8	50,297.0	593,995.3
Total Heating Val, Billion Btu	919,431.7	1,144,674.9	1,084,420.5	1,117,538.5	1,029,103.2	1,063,038.0	12,648,896.8
Sulfur Content, % by Weight	1.5	1.6	1.6	1.6	1.6	1.6	1.6
Avg. Cost, ¢ per Million Btu	137.4	137.9	138.9	138.1	139.3	137.8	135.1
Total Est. Coal Bill, $1000	1,263,187.6	1,578,310.6	1,506,648.3	1,543,173.0	1,433,411.2	1,465,343.6	17,085,365.2

Table 37. Basic Fuel Oil Statistics for the Past Twelve Months for Steam-Electric Units by Census Region

Census Region	January 1980	February 1980	March 1980	April 1980	May 1980	June 1980
New England						
Receipts Purchased, 1000 Bbls	6,609.8	7,190.0	6,670.7	4,654.1	5,081.6	5,216.6
Total Heating Val, Billion Btu	41,219.6	44,829.2	41,671.1	29,059.8	31,645.3	32,471.8
Sulfur Content, % by Weight	1.3	1.2	1.4	1.3	1.2	1.4
Avg. Cost, ¢ per Million Btu	412.1	426.1	378.9	355.9	362.2	362.2
Total Est. Oil Bill, $1000	169,878.2	190,996.7	157,877.3	103,412.9	114,620.3	117,600.2
Middle Atlantic						
Receipts Purchased, 1000 Bbls	10,040.6	8,101.8	8,633.8	4,923.3	5,610.7	5,522.4
Total Heating Val, Billion Btu	61,928.2	50,068.2	53,323.6	30,524.6	34,784.2	34,230.7
Sulfur Content, % by Weight	.8	1.0	1.1	1.0	1.1	.9
Avg. Cost, ¢ per Million Btu	452.6	454.3	432.5	398.7	419.1	398.9
Total Est. Oil Bill, $1000	280,305.8	227,443.4	230,641.7	121,690.2	145,786.3	136,557.2
East North Central						
Receipts Purchased, 1000 Bbls	3,144.0	1,855.5	2,212.5	2,171.7	2,454.1	1,985.6
Total Heating Val, Billion Btu	19,411.6	11,376.3	13,573.8	13,358.6	15,007.4	12,160.4
Sulfur Content, % by Weight	.7	.7	.7	.7	.6	.6
Avg. Cost, ¢ per Million Btu	432.0	439.1	463.7	501.1	507.8	496.2
Total Est. Oil Bill, $1000	83,867.9	49,948.7	62,942.7	66,943.4	76,201.2	60,336.0
West North Central						
Receipts Purchased, 1000 Bbls	259.1	209.2	182.2	80.7	57.1	58.9
Total Heating Val, Billion Btu	1,608.3	1,287.1	1,133.7	494.2	348.9	363.2
Sulfur Content, % by Weight	1.1	1.1	1.3	1.2	1.2	1.3
Avg. Cost, ¢ per Million Btu	400.8	428.2	394.0	480.8	488.9	483.4
Total Est. Oil Bill, $1000	6,445.5	5,511.9	4,467.0	2,376.2	1,706.0	1,755.6
South Atlantic						
Receipts Purchased, 1000 Bbls	9,695.9	8,167.0	8,873.2	7,423.7	7,927.6	8,125.5
Total Heating Val, Billion Btu	60,707.0	51,222.6	55,805.1	46,770.8	49,812.9	51,105.7
Sulfur Content, % by Weight	1.5	1.5	1.4	1.4	1.5	1.6
Avg. Cost, ¢ per Million Btu	406.1	399.7	367.7	327.6	340.4	339.2
Total Est. Oil Bill, $1000	246,512.0	204,743.6	205,204.5	153,243.8	169,575.9	173,354.7
East South Central						
Receipts Purchased, 1000 Bbls	431.4	630.4	469.2	123.9	567.8	475.3
Total Heating Val, Billion Btu	2,645.4	3,904.3	2,905.2	742.7	3,525.0	2,961.0
Sulfur Content, % by Weight	2.3	2.3	2.2	1.2	2.5	2.4
Avg. Cost, ¢ per Million Btu	333.3	310.2	326.6	514.1	320.3	336.7
Total Est. Oil Bill, $1000	8,816.3	12,110.3	9,489.1	3,818.1	11,291.9	9,970.9
West South Central						
Receipts Purchased, 1000 Bbls	1,357.0	1,339.2	741.3	891.4	721.5	1,199.6
Total Heating Val, Billion Btu	8,424.0	8,344.4	4,583.6	5,534.1	4,479.8	7,455.8
Sulfur Content, % by Weight	.8	1.1	1.0	1.1	.8	.8
Avg. Cost, ¢ per Million Btu	394.6	373.2	366.0	381.1	378.9	349.4
Total Est. Oil Bill, $1000	33,242.9	31,140.5	16,776.5	21,089.5	16,975.5	26,049.6
Mountain						
Receipts Purchased, 1000 Bbls	634.3	497.3	490.5	451.4	481.2	428.5
Total Heating Val, Billion Btu	3,951.4	3,073.0	3,016.7	2,768.4	2,964.9	2,622.8
Sulfur Content, % by Weight	.8	.7	.7	.7	.7	.7
Avg. Cost, ¢ per Million Btu	410.7	435.7	438.7	403.5	390.7	405.5
Total Est. Oil Bill, $1000	16,226.6	13,389.3	13,235.2	11,170.5	11,584.0	10,635.9
Pacific						
Receipts Purchased, 1000 Bbls	8,543.1	8,505.3	6,503.7	7,364.8	6,749.3	4,992.8
Total Heating Val, Billion Btu	52,434.5	52,108.7	40,046.1	45,229.6	41,471.6	30,691.4
Sulfur Content, % by Weight	.4	.3	.4	.3	.3	.3
Avg. Cost, ¢ per Million Btu	439.3	466.6	478.5	480.4	485.7	500.8
Total Est. Oil Bill, $1000	230,330.9	243,144.8	191,611.6	217,275.7	201,417.0	153,714.3
Contiguous U.S.						
Receipts Purchased, 1000 Bbls	40,715.3	36,495.7	34,777.1	28,085.0	29,651.0	28,005.2
Total Heating Val, Billion Btu	252,330.0	226,213.9	216,059.0	174,482.8	184,040.0	174,062.7
Sulfur Content, % by Weight	1.0	1.0	1.1	1.0	1.0	1.1
Avg. Cost, ¢ per Million Btu	426.3	432.5	413.0	401.8	407.1	396.4
Total Est. Oil Bill, $1000	1,075,626.1	978,429.3	892,245.6	701,020.3	749,158.2	689,974.5

Table 37. Basic Fuel Oil Statistics for the Past Twelve Months for Steam-Electric Units by Census Region-Continued

Census Region	July 1980	August 1980	September 1980	October 1980	November 1980	December 1980	12 Month Total
New England							
Receipts Purchased, 1000 Bbls	6,549.1	5,997.1	5,494.4	6,768.8	6,679.7	7,835.3	74,747.4
Total Heating Val, Billion Btu	40,891.3	37,342.1	34,196.5	42,264.5	41,715.1	48,893.1	466,199.4
Sulfur Content, % by Weight	1.4	1.3	1.3	1.3	1.3	1.2	1.3
Avg. Cost, ¢ per Million Btu	367.3	382.8	386.4	416.0	489.6	523.5	410.9
Total Est. Oil Bill, $1000	150,208.7	142,955.6	132,125.5	175,834.7	204,249.9	255,939.0	1,915,699.1
Middle Atlantic							
Receipts Purchased, 1000 Bbls	7,925.7	8,957.9	6,557.4	6,458.5	8,164.7	10,232.0	91,128.6
Total Heating Val, Billion Btu	49,154.9	55,503.6	40,715.9	40,007.8	50,585.8	63,422.0	564,249.6
Sulfur Content, % by Weight	1.0	1.1	1.1	1.2	1.2	1.0	1.0
Avg. Cost, ¢ per Million Btu	403.1	402.3	398.1	447.5	483.7	520.4	439.5
Total Est. Oil Bill, $1000	198,150.1	223,272.8	162,087.8	179,054.3	244,699.7	330,049.3	2,479,738.6
East North Central							
Receipts Purchased, 1000 Bbls	1,818.5	1,766.1	1,961.7	2,283.6	1,764.8	1,424.5	24,842.7
Total Heating Val, Billion Btu	11,176.3	10,788.4	12,011.9	14,028.8	10,882.9	8,685.1	152,461.5
Sulfur Content, % by Weight	.6	.7	.6	.6	.7	.6	.7
Avg. Cost, ¢ per Million Btu	498.2	506.1	530.7	598.4	526.7	589.8	502.9
Total Est. Oil Bill, $1000	55,677.5	54,598.0	63,742.4	83,948.0	57,323.2	51,225.2	766,754.2
West North Central							
Receipts Purchased, 1000 Bbls	79.0	86.9	77.5	83.3	118.4	148.4	1,440.8
Total Heating Val, Billion Btu	483.1	530.3	474.3	507.3	719.4	903.5	8,853.4
Sulfur Content, % by Weight	1.2	.9	1.1	1.0	1.0	1.1	1.1
Avg. Cost, ¢ per Million Btu	488.0	504.8	489.6	478.1	513.7	520.7	456.8
Total Est. Oil Bill, $1000	2,357.6	2,677.0	2,322.1	2,425.6	3,695.8	4,704.4	40,444.8
South Atlantic							
Receipts Purchased, 1000 Bbls	11,674.9	11,627.8	10,004.7	7,234.7	6,865.3	8,429.8	106,050.1
Total Heating Val, Billion Btu	73,402.6	72,695.1	62,745.4	45,332.4	42,766.0	52,870.1	665,235.6
Sulfur Content, % by Weight	1.5	1.5	1.5	1.4	1.3	1.4	1.5
Avg. Cost, ¢ per Million Btu	366.4	370.9	374.7	401.7	479.3	501.4	387.6
Total Est. Oil Bill, $1000	268,939.3	269,598.8	235,119.2	182,121.1	204,958.6	265,093.7	2,578,465.3
East South Central							
Receipts Purchased, 1000 Bbls	691.2	715.8	912.4	187.9	115.9	482.6	5,803.9
Total Heating Val, Billion Btu	4,353.2	4,511.2	5,767.7	1,165.8	679.8	3,035.6	36,196.8
Sulfur Content, % by Weight	2.6	2.3	2.5	2.1	.8	2.4	2.3
Avg. Cost, ¢ per Million Btu	319.4	329.7	325.8	448.4	704.3	382.9	344.5
Total Est. Oil Bill, $1000	13,904.7	14,875.1	18,790.7	5,227.5	4,788.1	11,622.4	124,705.1
West South Central							
Receipts Purchased, 1000 Bbls	1,550.2	1,980.2	1,625.8	439.6	423.7	299.8	12,569.3
Total Heating Val, Billion Btu	9,648.7	12,354.5	10,160.9	2,718.3	2,628.1	1,864.3	78,196.4
Sulfur Content, % by Weight	.9	.9	1.1	1.2	.8	.8	.9
Avg. Cost, ¢ per Million Btu	349.4	356.9	352.1	404.6	405.1	414.1	368.6
Total Est. Oil Bill, $1000	33,708.1	44,090.6	35,778.9	10,998.8	10,646.6	7,721.0	288,218.6
Mountain							
Receipts Purchased, 1000 Bbls	437.9	411.9	443.5	351.4	277.9	231.8	5,137.6
Total Heating Val, Billion Btu	2,713.1	2,544.9	2,719.7	2,169.0	1,695.5	1,422.6	31,661.9
Sulfur Content, % by Weight	.8	.8	.7	.8	.6	.7	.7
Avg. Cost, ¢ per Million Btu	381.8	391.2	458.5	465.2	464.9	470.7	422.3
Total Est. Oil Bill, $1000	10,357.7	9,956.5	12,469.4	10,091.4	7,882.0	6,695.7	133,694.3
Pacific							
Receipts Purchased, 1000 Bbls	5,254.6	5,615.1	4,113.0	3,668.3	5,075.8	5,590.8	71,976.7
Total Heating Val, Billion Btu	32,383.1	34,604.7	25,401.6	22,660.9	31,300.1	34,500.6	442,832.8
Sulfur Content, % by Weight	.3	.3	.4	.4	.3	.4	.3
Avg. Cost, ¢ per Million Btu	499.5	530.7	564.2	566.2	557.5	572.3	502.8
Total Est. Oil Bill, $1000	161,766.1	183,637.5	143,315.5	128,304.8	174,484.0	197,452.9	2,226,455.3
Contiguous U.S.							
Receipts Purchased, 1000 Bbls	35,981.2	37,158.9	31,190.4	27,476.0	29,486.2	34,675.1	393,697.1
Total Heating Val, Billion Btu	224,206.2	230,874.6	194,194.0	170,854.9	182,972.6	215,596.9	2,445,887.5
Sulfur Content, % by Weight	1.1	1.1	1.2	1.1	1.0	1.0	1.1
Avg. Cost, ¢ per Million Btu	399.2	409.6	414.9	455.4	498.8	524.4	431.5
Total Est. Oil Bill, $1000	895,069.9	945,662.0	805,751.8	778,006.4	912,727.8	1,130,503.5	10,554,175.4

Table 38. Basic Fuel Oil Statistics for the Past Twelve Months for Peaking Units by Census Region

Census Region	January 1980	February 1980	March 1980	April 1980	May 1980	June 1980
New England						
Receipts Purchased, 1000 Bbls	26.7	52.0	17.2	2.3	53.6	5.0
Total Heating Val, Billion Btu	153.9	300.5	98.9	13.7	300.1	29.5
Sulfur Content, % by Weight	.2	.2	.2	.2	(*)	.2
Avg. Cost, ¢ per Million Btu	579.0	599.5	628.5	575.8	614.6	614.4
Total Est. Oil Bill, $1000	891.2	1,801.4	621.6	78.8	1,844.6	181.1
Middle Atlantic						
Receipts Purchased, 1000 Bbls	713.1	740.5	263.7	157.7	134.2	136.4
Total Heating Val, Billion Btu	4,104.5	4,281.8	1,531.6	915.9	770.4	792.9
Sulfur Content, % by Weight	.2	.1	.1	.2	.1	.1
Avg. Cost, ¢ per Million Btu	535.0	551.0	568.4	588.9	580.1	567.4
Total Est. Oil Bill, $1000	21,958.2	23,591.1	8,705.0	5,394.0	4,469.2	4,499.4
East North Central						
Receipts Purchased, 1000 Bbls	238.1	243.6	187.8	45.7	46.9	71.5
Total Heating Val, Billion Btu	1,386.5	1,421.0	1,098.4	268.1	274.1	433.3
Sulfur Content, % by Weight	.3	.3	.3	.3	.3	.3
Avg. Cost, ¢ per Million Btu	542.9	574.5	550.4	588.2	586.6	572.2
Total Est. Oil Bill, $1000	7,527.6	8,163.9	6,045.9	1,577.0	1,608.2	2,478.9
West North Central						
Receipts Purchased, 1000 Bbls	45.0	49.7	106.4	43.2	112.1	32.8
Total Heating Val, Billion Btu	263.3	287.6	625.3	253.9	659.0	192.1
Sulfur Content, % by Weight	.4	.4	.5	.5	.5	.4
Avg. Cost, ¢ per Million Btu	598.5	603.7	575.5	576.4	573.4	560.2
Total Est. Oil Bill, $1000	1,576.2	1,736.3	3,598.6	1,463.8	3,778.7	1,075.9
South Atlantic						
Receipts Purchased, 1000 Bbls	299.4	230.4	245.0	303.7	88.6	373.8
Total Heating Val, Billion Btu	1,774.4	1,356.1	1,424.2	1,773.5	513.3	2,167.4
Sulfur Content, % by Weight	.4	.3	.2	.2	.2	.3
Avg. Cost, ¢ per Million Btu	501.2	535.1	567.8	550.5	559.4	564.5
Total Est. Oil Bill, $1000	8,893.5	7,255.8	8,086.5	9,763.0	2,871.5	12,234.1
East South Central						
Receipts Purchased, 1000 Bbls	-	-	.2	58.5	-	.3
Total Heating Val, Billion Btu	-	-	1.1	344.7	-	1.7
Sulfur Content, % by Weight	-	-	.4	.7	-	.4
Avg. Cost, ¢ per Million Btu	-	-	543.1	575.7	-	639.8
Total Est. Oil Bill, $1000	-	-	6.2	1,984.3	-	11.0
West South Central						
Receipts Purchased, 1000 Bbls	6.5	4.2	15.0	8.7	13.9	58.6
Total Heating Val, Billion Btu	38.3	24.7	87.9	50.7	80.9	342.4
Sulfur Content, % by Weight	.1	.1	.1	.1	.1	.1
Avg. Cost, ¢ per Million Btu	224.4	297.9	233.8	216.6	200.7	212.5
Total Est. Oil Bill, $1000	85.9	73.7	205.4	109.9	162.5	727.6
Mountain						
Receipts Purchased, 1000 Bbls	16.1	28.7	16.0	5.7	68.0	22.2
Total Heating Val, Billion Btu	90.7	163.5	92.5	32.9	398.3	126.9
Sulfur Content, % by Weight	.2	.2	.3	.1	.2	.4
Avg. Cost, ¢ per Million Btu	630.1	691.1	549.7	635.1	613.5	645.5
Total Est. Oil Bill, $1000	571.2	1,130.0	508.7	209.0	2,443.4	819.2
Pacific						
Receipts Purchased, 1000 Bbls	481.0	179.5	82.6	198.8	213.4	132.6
Total Heating Val, Billion Btu	2,733.7	1,007.5	433.7	1,037.5	1,131.1	700.2
Sulfur Content, % by Weight	.2	.2	.1	.1	.1	.1
Avg. Cost, ¢ per Million Btu	572.8	611.6	448.9	573.4	583.5	603.0
Total Est. Oil Bill, $1000	15,659.1	6,162.0	1,946.8	5,949.3	6,600.0	4,221.8
Contiguous U.S.						
Receipts Purchased, 1000 Bbls	1,825.9	1,528.6	933.9	824.2	730.7	833.2
Total Heating Val, Billion Btu	10,545.3	8,842.7	5,393.5	4,690.9	4,127.3	4,786.3
Sulfur Content, % by Weight	.2	.2	.2	.2	.2	.2
Avg. Cost, ¢ per Million Btu	542.1	564.5	551.1	565.5	576.1	548.4
Total Est. Oil Bill, $1000	57,163.0	49,914.2	29,724.7	26,529.0	23,778.1	26,248.9

(*) Denotes values that round to zero.

Table 38. Basic Fuel Oil Statistics for the Past Twelve Months for Peaking Units by Census Region-Continued

Census Region	July 1980	August 1980	September 1980	October 1980	November 1980	December 1980	12 Month Total
New England							
Receipts Purchased, 1000 Bbls	9.0	37.1	10.3	10.0	0.8	21.3	245.3
Total Heating Val, Billion Btu	51.9	215.4	60.0	57.8	4.5	123.6	1,409.9
Sulfur Content, % by Weight	.2	.5	.2	.2	.2	.2	.2
Avg. Cost, ¢ per Million Btu	651.1	634.6	632.9	634.7	639.3	611.3	613.9
Total Est. Oil Bill, $1000	338.0	1,366.8	380.0	366.8	29.0	755.9	8,655.1
Middle Atlantic							
Receipts Purchased, 1000 Bbls	376.3	606.1	352.2	123.2	212.4	589.8	4,405.5
Total Heating Val, Billion Btu	2,185.7	3,495.2	2,033.4	709.0	1,230.8	3,418.5	25,469.8
Sulfur Content, % by Weight	.1	.1	.1	.2	.2	.1	.1
Avg. Cost, ¢ per Million Btu	597.9	597.1	599.9	597.4	615.9	662.0	585.8
Total Est. Oil Bill, $1000	13,068.0	20,871.8	12,198.3	4,235.9	7,581.3	22,630.5	149,202.8
East North Central							
Receipts Purchased, 1000 Bbls	266.1	353.1	86.1	17.4	64.1	68.1	1,688.6
Total Heating Val, Billion Btu	1,856.0	2,046.5	503.2	100.9	373.0	420.4	10,181.3
Sulfur Content, % by Weight	.2	.2	.2	.2	.2	.3	.3
Avg. Cost, ¢ per Million Btu	629.9	623.5	584.3	582.6	649.4	673.9	595.6
Total Est. Oil Bill, $1000	11,691.7	12,759.2	2,940.3	587.6	2,422.4	2,833.3	60,636.0
West North Central							
Receipts Purchased, 1000 Bbls	101.1	81.2	66.8	68.4	.1	117.4	824.1
Total Heating Val, Billion Btu	580.6	469.6	388.9	395.8	.8	680.9	4,797.8
Sulfur Content, % by Weight	.4	.2	.4	.3	(*)	.4	.4
Avg. Cost, ¢ per Million Btu	575.1	586.7	578.9	595.2	631.9	626.2	587.8
Total Est. Oil Bill, $1000	3,338.9	2,755.1	2,251.5	2,355.4	5.0	4,264.3	28,199.7
South Atlantic							
Receipts Purchased, 1000 Bbls	621.6	821.1	409.9	475.8	230.1	140.8	4,240.1
Total Heating Val, Billion Btu	3,580.8	4,767.2	2,374.7	2,764.3	1,315.5	811.9	24,623.3
Sulfur Content, % by Weight	.3	.3	.3	.4	.3	.2	.3
Avg. Cost, ¢ per Million Btu	575.6	578.1	587.4	578.8	608.8	646.4	570.5
Total Est. Oil Bill, $1000	20,610.2	27,559.6	13,948.2	15,999.9	8,009.1	5,248.2	140,479.6
East South Central							
Receipts Purchased, 1000 Bbls	101.6	4.8	.7	67.9	3.2	3.9	241.1
Total Heating Val, Billion Btu	597.3	27.6	4.1	398.4	18.3	22.3	1,415.4
Sulfur Content, % by Weight	.7	.3	.4	.4	.4	.4	.6
Avg. Cost, ¢ per Million Btu	564.4	630.1	604.4	574.1	643.6	700.6	574.5
Total Est. Oil Bill, $1000	3,371.4	173.8	24.5	2,287.4	117.6	156.1	8,132.4
West South Central							
Receipts Purchased, 1000 Bbls	54.3	48.7	34.5	16.8	8.3	2.3	271.8
Total Heating Val, Billion Btu	321.8	285.1	206.4	100.1	48.7	13.7	1,600.7
Sulfur Content, % by Weight	.1	.1	.1	.3	.1	.2	.1
Avg. Cost, ¢ per Million Btu	395.3	366.8	482.9	386.4	251.3	318.2	326.9
Total Est. Oil Bill, $1000	1,272.2	1,045.9	996.6	386.8	122.3	43.6	5,232.4
Mountain							
Receipts Purchased, 1000 Bbls	21.9	1.8	.2	.5	-	4.7	185.8
Total Heating Val, Billion Btu	124.7	10.1	1.1	2.8	-	27.9	1,071.4
Sulfur Content, % by Weight	.2	.1	.3	.3	-	.1	.2
Avg. Cost, ¢ per Million Btu	639.5	561.0	537.1	546.4	-	628.3	628.4
Total Est. Oil Bill, $1000	797.4	56.6	6.0	15.3	-	175.5	6,732.3
Pacific							
Receipts Purchased, 1000 Bbls	273.7	223.7	99.0	139.0	448.7	335.9	2,808.0
Total Heating Val, Billion Btu	1,419.1	1,195.7	521.9	737.3	2,307.3	1,757.9	14,982.8
Sulfur Content, % by Weight	.1	.1	.1	.1	.1	.1	.1
Avg. Cost, ¢ per Million Btu	559.6	589.3	617.3	597.2	612.8	660.4	593.4
Total Est. Oil Bill, $1000	7,941.8	7,045.9	3,221.4	4,403.5	14,139.2	11,609.9	88,900.7
Contiguous U.S.							
Receipts Purchased, 1000 Bbls	1,825.7	2,177.5	1,059.6	919.0	967.7	1,284.2	14,910.3
Total Heating Val, Billion Btu	10,717.9	12,512.4	6,093.7	5,266.4	5,298.9	7,277.3	85,552.5
Sulfur Content, % by Weight	.3	.2	.2	.3	.2	.2	.2
Avg. Cost, ¢ per Million Btu	582.5	588.5	590.2	581.8	611.9	655.7	580.0
Total Est. Oil Bill, $1000	62,429.6	73,634.7	35,966.9	30,638.5	32,425.9	47,717.3	496,170.9

(*) Denotes values that round to zero.

Table 39. Basic Gas Statistics for the Past Twelve Months for Steam-Electric Units by Census Region

Census Region	January 1980	February 1980	March 1980	April 1980	May 1980	June 1980
New England						
Qnty Purchased: Firm 1000 Mcf	–	–	–	–	–	–
Interruptible 1000 Mcf[1]	55.3	339.7	461.5	474.4	780.5	952.2
Total 1000 Mcf	55.3	339.7	461.5	474.4	780.5	952.2
Total Heating Val, Billion Btu	55.3	339.7	461.5	474.4	780.5	952.2
Avg. Cost, ¢ per Million Btu	257.3	378.1	403.0	361.6	326.0	328.8
Total Est. Gas Bill, $1000	142.4	1,284.3	1,859.7	1,715.3	2,544.1	3,130.7
Middle Atlantic						
Qnty Purchased: Firm 1000 Mcf	–	–	–	–	–	.1
Interruptible 1000 Mcf[1]	7,321.2	8,933.8	14,793.4	16,097.4	18,592.2	19,302.1
Total 1000 Mcf	7,321.2	8,933.8	14,793.4	16,097.4	18,592.2	19,302.2
Total Heating Val, Billion Btu	7,542.5	9,237.4	15,288.1	16,620.9	19,171.9	19,944.8
Avg. Cost, ¢ per Million Btu	250.2	262.7	258.2	270.2	273.8	272.0
Total Est. Gas Bill, $1000	18,870.3	24,268.4	39,474.0	44,912.3	52,495.9	54,259.1
East North Central						
Qnty Purchased: Firm 1000 Mcf	1,573.7	1,162.0	1,677.8	628.1	629.1	743.9
Interruptible 1000 Mcf[1]	2,213.2	2,118.1	2,607.6	1,737.5	1,728.6	1,367.8
Total 1000 Mcf	3,787.0	3,280.2	4,285.5	2,365.6	2,357.7	2,111.7
Total Heating Val, Billion Btu	3,402.2	2,966.0	3,613.2	1,656.5	1,639.8	1,704.4
Avg. Cost, ¢ per Million Btu	269.9	269.7	272.1	272.9	288.3	294.7
Total Est. Gas Bill, $1000	9,181.7	7,999.9	9,831.6	4,520.3	4,728.2	5,023.5
West North Central						
Qnty Purchased: Firm 1000 Mcf	1,621.3	1,549.3	1,544.8	1,593.9	1,584.3	1,749.3
Interruptible 1000 Mcf[1]	9,213.1	7,439.8	8,076.6	6,324.7	6,031.9	10,716.6
Total 1000 Mcf	10,834.4	8,989.0	9,621.4	7,918.6	7,616.2	12,465.9
Total Heating Val, Billion Btu	10,381.9	8,592.6	9,264.6	7,573.3	7,291.3	12,020.8
Avg. Cost, ¢ per Million Btu	169.7	173.5	173.1	175.9	180.8	188.7
Total Est. Gas Bill, $1000	17,613.2	14,905.3	16,033.3	13,318.2	13,179.8	22,687.2
South Atlantic						
Qnty Purchased: Firm 1000 Mcf	7,725.5	6,285.7	5,880.9	4,755.1	6,635.6	6,496.3
Interruptible 1000 Mcf[1]	3,991.5	3,583.5	6,051.1	6,496.2	6,463.9	6,671.7
Total 1000 Mcf	11,717.0	9,869.2	11,932.0	11,251.3	13,099.5	13,168.0
Total Heating Val, Billion Btu	11,947.0	10,056.3	12,151.3	11,503.7	13,373.6	13,422.8
Avg. Cost, ¢ per Million Btu	145.3	136.2	151.1	170.6	176.7	172.5
Total Est. Gas Bill, $1000	17,354.3	13,699.5	18,354.7	19,628.1	23,637.2	23,149.6
East South Central						
Qnty Purchased: Firm 1000 Mcf	5,201.0	5,272.5	5,988.1	6,088.8	7,562.5	7,656.7
Interruptible 1000 Mcf[1]	164.0	152.3	154.8	189.1	378.6	271.9
Total 1000 Mcf	5,365.0	5,424.8	6,142.9	6,277.9	7,941.1	7,928.5
Total Heating Val, Billion Btu	5,401.2	5,492.2	6,257.7	6,376.6	8,072.4	8,055.5
Avg. Cost, ¢ per Million Btu	204.0	202.0	200.4	201.4	209.7	207.4
Total Est. Gas Bill, $1000	11,017.2	11,094.3	12,541.4	12,845.2	16,925.4	16,706.1
West South Central						
Qnty Purchased: Firm 1000 Mcf	139,295.3	134,997.0	135,106.1	128,358.5	147,037.7	183,333.1
Interruptible 1000 Mcf[1]	24,005.4	19,739.0	24,294.0	24,927.4	25,989.3	33,181.3
Total 1000 Mcf	163,300.6	154,735.9	159,400.1	153,285.8	173,027.0	216,514.4
Total Heating Val, Billion Btu	169,642.4	160,542.8	165,529.4	159,424.4	180,108.3	225,307.1
Avg. Cost, ¢ per Million Btu	165.7	172.4	172.1	175.0	182.7	184.5
Total Est. Gas Bill, $1000	281,096.2	276,851.7	284,921.4	279,054.4	329,105.6	415,634.8
Mountain						
Qnty Purchased: Firm 1000 Mcf	4,725.3	5,249.5	4,894.3	4,863.4	4,305.4	5,260.8
Interruptible 1000 Mcf[1]	7,162.2	7,080.3	6,899.4	7,407.8	7,629.6	7,262.9
Total 1000 Mcf	11,887.5	12,329.8	11,793.7	12,271.3	11,935.0	12,523.7
Total Heating Val, Billion Btu	12,270.7	12,697.1	12,188.5	12,612.1	12,259.3	12,932.1
Avg. Cost, ¢ per Million Btu	250.7	253.0	258.9	234.1	248.0	237.5
Total Est. Gas Bill, $1000	30,766.5	32,126.2	31,555.1	29,526.2	30,402.8	30,717.0
Pacific						
Qnty Purchased: Firm 1000 Mcf	–	–	–	–	–	–
Interruptible 1000 Mcf[1]	37,194.7	41,559.6	42,148.1	27,914.4	29,908.6	29,105.2
Total 1000 Mcf	37,194.7	41,559.6	42,148.1	27,914.4	29,908.6	29,105.2
Total Heating Val, Billion Btu	39,303.1	43,698.2	44,404.1	29,320.8	31,432.6	30,757.8
Avg. Cost, ¢ per Million Btu	306.3	315.5	326.6	325.4	344.3	354.5
Total Est. Gas Bill, $1000	120,387.5	137,856.8	145,007.4	95,416.4	108,221.9	109,048.0
Contiguous U.S.						
Qnty Purchased: Firm 1000 Mcf	160,142.2	154,516.0	155,092.0	146,287.8	167,754.5	205,240.2
Interruptible 1000 Mcf[1]	91,320.7	90,946.1	105,486.6	91,568.9	97,503.2	108,831.7
Total 1000 Mcf	251,462.8	245,462.0	260,578.6	237,856.7	265,257.8	314,071.9
Total Heating Val, Billion Btu	259,946.3	253,622.3	269,158.3	245,562.7	274,129.7	325,097.5
Avg. Cost, ¢ per Million Btu	194.8	205.1	207.9	204.0	212.0	209.3
Total Est. Gas Bill, $1000	506,429.4	520,086.5	559,578.6	500,936.4	581,240.8	680,356.1

[1] Includes Off Peak Gas.

Table 39. Basic Gas Statistics for the Past Twelve Months for Steam-Electric Units by Census Region-Continued

Census Region	July 1980	August 1980	September 1980	October 1980	November 1980	December 1980	12 Month Total
New England							
Qnty Purchased: Firm 1000 Mcf	-	-	-	-	-	-	-
Interruptible 1000 Mcf[1]	810.1	885.5	869.3	632.4	259.7	41.6	6,562.3
Total 1000 Mcf	810.1	885.5	869.3	632.4	259.7	41.6	6,562.3
Total Heating Val, Billion Btu	810.1	885.5	869.3	632.4	259.7	41.6	6,562.3
Avg. Cost, ¢ per Million Btu	332.9	349.0	348.3	304.7	424.6	412.6	345.8
Total Est. Gas Bill, $1000	2,697.2	3,090.6	3,027.6	1,927.1	1,102.7	171.9	22,693.6
Middle Atlantic							
Qnty Purchased: Firm 1000 Mcf	10.9	15.5	6,650.1	5,619.0	4,704.6	3,060.6	20,060.8
Interruptible 1000 Mcf[1]	24,824.5	21,816.4	12,634.1	10,201.7	3,072.5	1,843.4	159,432.8
Total 1000 Mcf	24,835.4	21,831.9	19,284.2	15,820.7	7,777.1	4,904.0	179,493.5
Total Heating Val, Billion Btu	25,685.1	22,606.8	19,961.1	16,354.3	8,412.9	5,055.3	185,881.1
Avg. Cost, ¢ per Million Btu	276.3	279.5	294.2	302.0	312.8	305.2	278.8
Total Est. Gas Bill, $1000	70,960.4	63,184.2	58,723.7	49,387.0	26,314.2	15,430.5	518,280.0
East North Central							
Qnty Purchased: Firm 1000 Mcf	2,190.7	2,490.4	1,299.9	852.6	1,067.5	1,273.8	15,589.5
Interruptible 1000 Mcf[1]	2,431.9	2,280.5	1,193.3	1,153.0	886.9	1,604.7	21,323.1
Total 1000 Mcf	4,622.6	4,770.8	2,493.2	2,005.5	1,954.4	2,878.5	36,912.7
Total Heating Val, Billion Btu	4,124.1	4,312.3	1,988.3	1,657.0	1,801.6	2,458.2	31,323.6
Avg. Cost, ¢ per Million Btu	301.1	303.2	302.9	299.1	306.1	321.0	291.0
Total Est. Gas Bill, $1000	12,416.2	13,073.5	6,021.9	4,956.1	5,514.1	7,892.0	91,158.9
West North Central							
Qnty Purchased: Firm 1000 Mcf	2,249.1	2,318.1	1,726.3	1,645.0	1,392.0	1,482.4	20,455.9
Interruptible 1000 Mcf[1]	13,813.8	11,750.4	8,529.9	7,615.7	6,868.5	5,868.4	102,249.4
Total 1000 Mcf	16,062.9	14,068.5	10,256.3	9,260.7	8,260.5	7,350.9	122,705.3
Total Heating Val, Billion Btu	15,654.4	13,673.4	9,950.6	8,924.1	7,945.2	7,049.9	118,322.0
Avg. Cost, ¢ per Million Btu	196.1	194.9	188.0	189.1	205.6	205.4	187.2
Total Est. Gas Bill, $1000	30,702.2	26,646.5	18,705.5	16,875.1	16,335.9	14,481.5	221,483.8
South Atlantic							
Qnty Purchased: Firm 1000 Mcf	8,203.9	7,394.7	8,093.7	7,925.0	7,624.9	6,883.7	83,905.0
Interruptible 1000 Mcf[1]	7,930.6	8,279.6	7,894.4	6,461.3	5,433.9	3,770.8	73,028.7
Total 1000 Mcf	16,134.5	15,674.3	15,988.1	14,386.3	13,058.8	10,654.5	156,933.6
Total Heating Val, Billion Btu	16,417.6	16,035.3	16,309.3	14,654.6	13,242.7	10,786.1	159,900.3
Avg. Cost, ¢ per Million Btu	183.8	184.2	184.8	174.6	154.4	149.4	167.5
Total Est. Gas Bill, $1000	30,178.3	29,540.1	30,131.8	25,591.3	20,451.7	16,118.7	267,835.4
East South Central							
Qnty Purchased: Firm 1000 Mcf	10,379.3	9,579.0	9,476.5	6,870.9	7,166.3	7,970.2	89,211.8
Interruptible 1000 Mcf[1]	338.1	297.3	114.3	133.3	92.3	85.7	2,371.6
Total 1000 Mcf	10,717.4	9,876.2	9,590.8	7,004.3	7,258.6	8,055.9	91,583.4
Total Heating Val, Billion Btu	10,884.1	10,104.7	9,807.8	7,173.6	7,435.5	8,237.4	93,298.5
Avg. Cost, ¢ per Million Btu	216.9	223.3	242.0	219.7	235.4	235.4	218.3
Total Est. Gas Bill, $1000	23,610.0	22,563.2	23,735.1	15,760.7	17,504.3	19,390.7	203,693.5
West South Central							
Qnty Purchased: Firm 1000 Mcf	206,822.6	192,931.4	176,551.1	130,137.4	131,375.6	133,852.7	1,839,798.4
Interruptible 1000 Mcf[1]	41,282.1	35,269.2	31,822.7	22,123.0	21,491.9	22,561.9	326,687.1
Total 1000 Mcf	248,104.6	228,200.6	208,373.8	152,260.4	152,867.5	156,414.6	2,166,485.5
Total Heating Val, Billion Btu	258,355.1	237,450.2	216,741.8	158,149.7	158,556.5	162,124.6	2,251,932.3
Avg. Cost, ¢ per Million Btu	198.6	200.1	203.3	193.5	195.3	196.5	187.8
Total Est. Gas Bill, $1000	513,105.0	475,249.2	440,550.0	305,978.4	309,611.8	318,579.7	4,229,738.3
Mountain							
Qnty Purchased: Firm 1000 Mcf	5,950.1	5,947.3	5,884.5	5,299.0	4,005.9	3,762.8	60,148.4
Interruptible 1000 Mcf[1]	8,529.4	6,968.9	6,605.0	6,982.2	5,424.7	4,905.2	82,857.5
Total 1000 Mcf	14,479.5	12,916.2	12,489.5	12,281.2	9,430.6	8,667.9	143,005.9
Total Heating Val, Billion Btu	14,972.2	13,360.5	12,890.8	12,726.9	9,751.4	8,958.5	147,620.3
Avg. Cost, ¢ per Million Btu	245.4	250.6	258.1	268.0	279.8	290.9	254.7
Total Est. Gas Bill, $1000	36,736.0	33,479.7	33,273.2	34,113.3	27,283.5	26,060.3	376,039.7
Pacific							
Qnty Purchased: Firm 1000 Mcf	-	-	-	-	-	-	-
Interruptible 1000 Mcf[1]	50,788.7	60,067.4	54,488.4	64,686.0	36,961.1	28,719.7	503,541.9
Total 1000 Mcf	50,788.7	60,067.4	54,488.4	64,686.0	36,961.1	28,719.7	503,541.9
Total Heating Val, Billion Btu	53,616.4	63,280.7	56,860.9	68,156.9	38,850.9	30,175.2	529,857.6
Avg. Cost, ¢ per Million Btu	360.9	377.1	369.7	372.8	374.3	375.7	353.2
Total Est. Gas Bill, $1000	193,527.2	238,651.8	210,240.0	254,082.1	145,413.2	113,367.2	1,871,219.5
Contiguous U.S.							
Qnty Purchased: Firm 1000 Mcf	235,806.6	220,676.3	209,682.2	158,349.0	157,336.8	158,286.2	2,129,169.7
Interruptible 1000 Mcf[1]	150,749.1	147,615.1	124,151.4	119,988.6	80,491.6	69,401.5	1,278,054.5
Total 1000 Mcf	386,555.6	368,291.4	333,833.7	278,337.6	237,828.4	227,687.7	3,407,224.2
Total Heating Val, Billion Btu	400,519.1	381,709.5	345,379.9	288,429.5	246,256.3	234,886.9	3,524,698.0
Avg. Cost, ¢ per Million Btu	228.2	237.2	238.7	245.7	231.3	226.3	221.4
Total Est. Gas Bill, $1000	913,932.5	905,478.8	824,408.8	708,671.0	569,531.4	531,492.6	7,802,142.9

[1] Includes Off Peak Gas.

Table 40. Basic Gas Statistics for the Past Twelve Months for Peaking Units by Census Region

Census Region	January 1980	February 1980	March 1980	April 1980	May 1980	June 1980
New England						
Qnty Purchased: Firm 1000 Mcf	-	-	-	-	-	-
Interruptible 1000 Mcf[1]	-	-	-	-	-	20.5
Total 1000 Mcf	-	-	-	-	-	20.5
Total Heating Val, Billion Btu	-	-	-	-	-	20.5
Avg. Cost, ¢ per Million Btu	-	-	-	-	-	251.0
Total Est. Gas Bill, $1000	-	-	-	-	-	51.5
Middle Atlantic						
Qnty Purchased: Firm 1000 Mcf	-	-	-	-	-	-
Interruptible 1000 Mcf[1]	639.0	1,036.4	1,734.5	1,729.9	2,770.3	2,333.1
Total 1000 Mcf	639.0	1,036.4	1,734.5	1,729.9	2,770.3	2,333.1
Total Heating Val, Billion Btu	657.0	1,069.3	1,790.9	1,783.2	2,858.2	2,407.7
Avg. Cost, ¢ per Million Btu	328.8	300.2	276.4	282.3	291.1	286.2
Total Est. Gas Bill, $1000	2,160.1	3,210.6	4,950.2	5,033.8	8,321.3	6,891.7
East North Central						
Qnty Purchased: Firm 1000 Mcf	1,146.1	987.1	1,023.4	311.6	305.8	689.2
Interruptible 1000 Mcf[1]	883.7	786.8	930.7	215.1	287.5	516.7
Total 1000 Mcf	2,029.9	1,773.9	1,954.1	526.7	593.3	1,205.8
Total Heating Val, Billion Btu	2,054.2	1,794.3	1,968.5	532.8	598.4	1,219.8
Avg. Cost, ¢ per Million Btu	257.1	264.1	267.6	268.0	289.1	305.9
Total Est. Gas Bill, $1000	5,282.2	4,738.6	5,268.3	1,427.8	1,729.9	3,732.0
West North Central						
Qnty Purchased: Firm 1000 Mcf	-	-	-	-	-	1.8
Interruptible 1000 Mcf[1]	250.3	190.3	229.5	233.2	100.1	464.5
Total 1000 Mcf	250.3	190.3	229.5	233.2	100.1	466.3
Total Heating Val, Billion Btu	251.6	192.0	230.6	237.0	101.1	467.1
Avg. Cost, ¢ per Million Btu	187.1	174.8	175.8	171.3	181.1	174.2
Total Est. Gas Bill, $1000	470.7	335.7	405.3	405.9	183.1	813.4
South Atlantic						
Qnty Purchased: Firm 1000 Mcf	194.6	212.0	341.0	503.0	1,499.0	2,014.0
Interruptible 1000 Mcf[1]	335.3	228.9	933.3	627.9	825.5	933.0
Total 1000 Mcf	530.0	440.9	1,274.3	1,130.9	2,324.5	2,947.0
Total Heating Val, Billion Btu	540.5	447.9	1,321.8	1,148.6	2,341.6	2,970.7
Avg. Cost, ¢ per Million Btu	218.9	175.7	203.5	182.1	163.0	153.6
Total Est. Gas Bill, $1000	1,183.3	787.1	2,690.4	2,091.9	3,817.6	4,563.7
East South Central						
Qnty Purchased: Firm 1000 Mcf	333.7	320.9	218.2	220.3	315.8	298.8
Interruptible 1000 Mcf[1]	-	-	.1	.2	5.7	6.0
Total 1000 Mcf	333.7	320.9	218.3	220.5	321.5	304.8
Total Heating Val, Billion Btu	340.4	326.4	223.3	227.1	331.7	315.7
Avg. Cost, ¢ per Million Btu	49.1	49.9	48.2	48.3	53.6	57.8
Total Est. Gas Bill, $1000	167.1	162.9	107.6	109.8	177.8	182.5
West South Central						
Qnty Purchased: Firm 1000 Mcf	5,146.4	5,032.3	4,220.3	4,418.9	3,397.0	4,170.6
Interruptible 1000 Mcf[1]	28.8	268.8	268.7	296.4	276.7	337.7
Total 1000 Mcf	5,175.3	5,301.1	4,489.0	4,715.3	3,673.7	4,508.3
Total Heating Val, Billion Btu	5,373.4	5,510.6	4,644.7	4,873.8	3,822.3	4,660.9
Avg. Cost, ¢ per Million Btu	137.0	132.9	126.5	129.1	112.4	148.2
Total Est. Gas Bill, $1000	7,359.8	7,325.3	5,876.4	6,293.8	4,296.8	6,907.9
Mountain						
Qnty Purchased: Firm 1000 Mcf	506.4	758.3	321.3	647.0	402.5	613.4
Interruptible 1000 Mcf[1]	650.0	768.7	1,045.9	427.3	140.7	514.9
Total 1000 Mcf	1,156.4	1,527.0	1,367.2	1,074.3	543.2	1,128.3
Total Heating Val, Billion Btu	1,199.0	1,588.8	1,400.1	1,121.0	569.2	1,175.5
Avg. Cost, ¢ per Million Btu	216.5	224.5	228.4	245.0	240.2	227.0
Total Est. Gas Bill, $1000	2,596.1	3,567.2	3,198.5	2,745.9	1,367.5	2,668.3
Pacific						
Qnty Purchased: Firm 1000 Mcf	31.9	24.9	26.2	-	-	-
Interruptible 1000 Mcf[1]	1,027.6	739.4	634.6	691.7	360.1	368.0
Total 1000 Mcf	1,059.5	764.3	660.8	691.7	360.1	368.0
Total Heating Val, Billion Btu	1,120.5	810.8	701.5	720.5	375.9	386.5
Avg. Cost, ¢ per Million Btu	323.1	307.7	307.9	307.7	303.7	301.5
Total Est. Gas Bill, $1000	3,620.7	2,494.7	2,160.3	2,217.2	1,141.6	1,165.1
Contiguous U.S.						
Qnty Purchased: Firm 1000 Mcf	7,359.2	7,335.5	6,150.4	6,100.8	5,920.1	7,787.7
Interruptible 1000 Mcf[1]	3,814.8	4,019.2	5,777.3	4,221.7	4,766.6	5,494.4
Total 1000 Mcf	11,174.1	11,354.8	11,927.7	10,322.6	10,686.7	13,282.1
Total Heating Val, Billion Btu	11,536.6	11,740.2	12,281.4	10,643.9	10,998.4	13,624.4
Avg. Cost, ¢ per Million Btu	198.0	192.7	200.8	191.0	191.3	198.0
Total Est. Gas Bill, $1000	22,840.0	22,622.0	24,657.0	20,326.1	21,035.6	26,976.1

[1] Includes Off Peak Gas.

Table 40. Basic Gas Statistics for the Past Twelve Months for Peaking Units by Census Region-Continued

Census Region	July 1980	August 1980	September 1980	October 1980	November 1980	December 1980	12 Month Total
New England							
Qnty Purchased: Firm 1000 Mcf	-	-	-	-	-	-	-
Interruptible 1000 Mcf[1]	73.3	62.8	-	-	-	-	156.6
Total 1000 Mcf	73.3	62.8	-	-	-	-	156.6
Total Heating Val, Billion Btu	73.3	62.8	-	-	-	-	156.6
Avg. Cost, ¢ per Million Btu	251.0	251.4	-	-	-	-	251.2
Total Est. Gas Bill, $1000	184.1	157.9	-	-	-	-	393.5
Middle Atlantic							
Qnty Purchased: Firm 1000 Mcf	-	-	351.8	406.5	36.6	49.3	844.2
Interruptible 1000 Mcf[1]	3,916.2	4,091.8	1,300.8	1,285.5	876.4	659.5	22,373.4
Total 1000 Mcf	3,916.2	4,091.8	1,652.6	1,692.0	913.0	708.8	23,217.6
Total Heating Val, Billion Btu	4,043.3	4,232.8	1,711.2	1,748.7	938.9	728.8	23,970.0
Avg. Cost, ¢ per Million Btu	284.5	293.8	297.7	308.9	380.8	396.8	298.1
Total Est. Gas Bill, $1000	11,503.0	12,434.2	5,093.8	5,401.2	3,575.1	2,891.7	71,466.6
East North Central							
Qnty Purchased: Firm 1000 Mcf	2,697.7	2,845.5	666.8	272.0	957.2	1,066.2	12,968.6
Interruptible 1000 Mcf[1]	1,118.9	1,370.5	222.5	271.5	922.0	567.5	8,093.6
Total 1000 Mcf	3,816.6	4,216.0	889.3	543.5	1,879.2	1,633.7	21,062.2
Total Heating Val, Billion Btu	3,880.8	4,290.2	905.5	550.3	1,906.1	1,660.2	21,361.2
Avg. Cost, ¢ per Million Btu	327.0	314.3	342.0	299.5	292.7	337.4	300.9
Total Est. Gas Bill, $1000	12,691.5	13,482.0	3,096.6	1,648.3	5,580.1	5,601.3	64,278.6
West North Central							
Qnty Purchased: Firm 1000 Mcf	11.8	6.8	7.0	-	1.1	.5	29.0
Interruptible 1000 Mcf[1]	1,159.9	844.9	378.8	204.4	52.2	58.2	4,166.3
Total 1000 Mcf	1,171.7	851.7	385.8	204.4	53.3	58.7	4,195.3
Total Heating Val, Billion Btu	1,176.8	845.9	388.0	205.1	53.5	60.1	4,208.6
Avg. Cost, ¢ per Million Btu	191.4	196.2	200.5	169.3	212.0	217.0	187.6
Total Est. Gas Bill, $1000	2,252.9	1,659.6	777.8	347.2	113.4	130.4	7,895.2
South Atlantic							
Qnty Purchased: Firm 1000 Mcf	858.0	1,620.0	1,302.0	981.0	531.0	325.0	10,380.6
Interruptible 1000 Mcf[1]	3,388.8	3,297.6	1,336.2	956.3	725.3	302.8	13,891.0
Total 1000 Mcf	4,246.8	4,917.6	2,638.2	1,937.3	1,256.3	627.8	24,271.6
Total Heating Val, Billion Btu	4,329.5	5,010.4	2,673.8	1,957.2	1,271.2	635.7	24,649.1
Avg. Cost, ¢ per Million Btu	229.0	207.6	181.9	181.9	187.6	182.2	192.4
Total Est. Gas Bill, $1000	9,913.3	10,403.8	4,863.4	3,560.5	2,384.8	1,158.6	47,418.4
East South Central							
Qnty Purchased: Firm 1000 Mcf	300.6	306.1	297.3	329.0	327.9	306.0	3,574.6
Interruptible 1000 Mcf[1]	15.2	11.6	18.4	.4	4.2	-	61.8
Total 1000 Mcf	315.8	317.7	315.7	329.4	332.1	306.0	3,636.4
Total Heating Val, Billion Btu	328.5	325.9	323.3	338.6	332.8	308.8	3,722.5
Avg. Cost, ¢ per Million Btu	60.2	62.2	70.9	58.7	62.7	57.3	57.0
Total Est. Gas Bill, $1000	197.6	202.7	229.2	198.9	208.8	176.9	2,121.9
West South Central							
Qnty Purchased: Firm 1000 Mcf	6,082.7	5,512.3	4,893.2	4,276.3	4,199.4	4,096.8	55,446.2
Interruptible 1000 Mcf[1]	1,487.1	364.3	318.1	249.9	420.0	420.0	4,736.6
Total 1000 Mcf	7,569.8	5,876.6	5,211.4	4,526.2	4,619.4	4,516.8	60,182.8
Total Heating Val, Billion Btu	7,805.0	6,086.9	5,397.0	4,700.6	4,781.4	4,683.4	62,340.1
Avg. Cost, ¢ per Million Btu	152.4	148.2	138.3	140.1	145.9	141.8	139.0
Total Est. Gas Bill, $1000	11,897.8	9,023.8	7,465.0	6,586.3	6,976.7	6,640.4	86,649.9
Mountain							
Qnty Purchased: Firm 1000 Mcf	1,493.6	1,668.3	1,456.6	871.6	257.8	125.0	9,121.8
Interruptible 1000 Mcf[1]	892.6	352.1	472.2	791.7	468.7	220.4	6,745.2
Total 1000 Mcf	2,386.2	2,020.4	1,928.8	1,663.3	726.5	345.4	15,867.0
Total Heating Val, Billion Btu	2,508.0	2,133.7	2,036.6	1,752.7	763.8	362.4	16,610.8
Avg. Cost, ¢ per Million Btu	234.0	236.3	238.9	261.0	267.7	316.3	238.9
Total Est. Gas Bill, $1000	5,869.5	5,042.3	4,864.9	4,574.7	2,044.7	1,146.3	39,685.9
Pacific							
Qnty Purchased: Firm 1000 Mcf	1.6	.8	3.3	-	-	-	88.8
Interruptible 1000 Mcf[1]	1,673.8	741.4	563.1	761.3	749.2	481.6	8,791.9
Total 1000 Mcf	1,675.4	742.2	566.4	761.3	749.2	481.6	8,880.7
Total Heating Val, Billion Btu	1,629.0	777.2	593.8	793.7	781.1	510.8	9,201.4
Avg. Cost, ¢ per Million Btu	400.7	387.6	351.8	360.1	366.1	350.7	347.1
Total Est. Gas Bill, $1000	6,527.5	3,012.5	2,089.2	2,858.4	2,860.0	1,791.4	31,938.7
Contiguous U.S.							
Qnty Purchased: Firm 1000 Mcf	11,446.0	11,959.9	8,978.1	7,136.4	6,310.9	5,968.8	92,453.9
Interruptible 1000 Mcf[1]	13,725.8	11,137.1	4,610.1	4,521.1	4,218.2	2,710.0	69,016.3
Total 1000 Mcf	25,171.9	23,097.0	13,588.1	11,657.5	10,529.1	8,678.8	161,470.2
Total Heating Val, Billion Btu	25,774.2	23,765.9	14,029.2	12,046.9	10,828.9	8,950.2	166,220.3
Avg. Cost, ¢ per Million Btu	236.8	233.2	203.0	209.0	219.3	218.3	211.7
Total Est. Gas Bill, $1000	61,037.1	55,418.7	28,479.9	25,175.4	23,743.6	19,537.0	351,848.6

[1] Includes Off Peak Gas.

Table 41. Primary Energy Purchase Data for All Reporting Plants by Census Region and State, 1980

Census Region and State	Total Btu (Billions)				% of Total Btu			Avg. Delivered Cost, ¢ per 10^6 Btu		
	Total	Coal	Oil	Gas	Coal	Oil	Gas	Coal	Oil	Gas
New England	**519,493.6**	**45,165.4**	**467,609.3**	**6,718.9**	**8.7**	**90.0**	**1.3**	**172.9**	**411.5**	**343.6**
Connecticut	131,962.5	–	131,962.5	–	–	100.0	–	–	470.3	–
Maine	21,643.0	–	21,643.0	–	–	100.0	–	–	439.3	–
Massachusetts	305,523.0	16,946.6	282,096.5	6,479.9	5.5	92.3	2.1	194.6	384.6	339.7
New Hampshire	51,294.5	28,218.8	23,075.7	–	55.0	45.0	–	159.8	381.7	–
Rhode Island	8,683.2	–	8,683.2	–	–	100.0	–	–	397.1	–
Vermont	387.4	–	148.4	239.0	–	38.3	61.7	–	662.2	449.8
Middle Atlantic	**2,043,808.4**	**1,244,237.8**	**589,719.4**	**209,851.2**	**60.9**	**28.9**	**10.3**	**137.2**	**445.8**	**281.0**
New Jersey	241,352.7	66,133.0	92,155.2	83,064.5	27.4	38.2	34.4	180.3	497.4	301.2
New York	649,610.2	156,880.6	367,693.2	125,036.4	24.1	56.6	19.2	147.2	425.7	266.5
Pennsylvania	1,152,845.4	1,021,224.2	129,871.0	1,750.2	88.6	11.3	.2	132.9	466.0	359.9
East North Central	**3,742,216.3**	**3,526,888.7**	**162,642.7**	**52,684.8**	**94.2**	**4.3**	**1.4**	**146.7**	**508.7**	**295.0**
Illinois	842,185.2	739,024.1	84,136.3	19,024.8	87.8	10.0	2.3	161.6	564.3	318.5
Indiana	802,562.0	796,416.9	4,682.0	1,463.1	99.2	.6	.2	126.5	598.5	250.9
Michigan	606,423.7	532,018.1	58,027.4	16,378.2	87.7	9.6	2.7	156.4	420.4	273.8
Ohio	1,177,801.3	1,161,549.4	12,588.0	3,663.9	98.6	1.1	.3	147.8	503.1	290.3
Wisconsin	313,244.0	297,880.2	3,209.0	12,154.8	95.1	1.0	3.9	141.7	540.8	293.6
West North Central	**1,549,317.6**	**1,413,135.8**	**13,651.2**	**122,530.6**	**91.2**	**.9**	**7.9**	**110.0**	**502.8**	**187.2**
Iowa	205,679.0	199,500.5	739.0	5,439.5	97.0	.4	2.6	138.7	605.6	240.8
Kansas	274,714.8	188,135.0	692.5	85,887.3	68.5	.3	31.3	107.1	529.6	177.8
Minnesota	226,243.7	214,777.7	4,928.7	6,537.3	94.9	2.2	2.9	104.3	520.0	198.7
Missouri	547,616.4	528,631.4	4,810.7	14,174.3	96.5	.9	2.6	118.8	473.0	221.7
Nebraska	98,171.0	86,711.8	1,527.9	9,931.2	88.3	1.6	10.1	124.2	427.6	181.8
North Dakota	161,988.5	161,655.8	332.7	–	99.8	.2	–	55.6	607.3	–
South Dakota	34,904.2	33,723.5	619.7	561.0	96.6	1.8	1.6	76.3	574.9	196.5
South Atlantic	**3,411,358.7**	**2,536,950.5**	**689,858.8**	**184,549.4**	**74.4**	**20.2**	**5.4**	**153.1**	**394.1**	**170.8**
Delaware	70,937.7	26,989.2	37,296.5	6,651.9	38.0	52.6	9.4	163.9	432.7	347.2
District of Columbia	9,535.1	–	9,535.1	–	–	100.0	–	–	514.0	-
Florida	829,809.9	205,723.3	464,982.7	159,104.0	24.8	56.0	19.2	180.0	379.5	153.0
Georgia	517,362.1	507,201.9	6,393.2	3,767.0	98.0	1.2	.7	150.0	425.0	255.8
Maryland	212,728.8	148,591.7	58,793.5	5,343.6	69.9	27.6	2.5	153.8	437.6	250.2
North Carolina	578,752.8	575,019.8	2,213.9	1,519.1	99.4	.4	.3	156.7	582.4	315.2
South Carolina	221,613.4	201,138.8	14,896.2	5,578.4	90.8	6.7	2.5	155.7	377.2	240.8
Virginia	226,187.7	130,128.5	93,605.5	2,453.7	57.5	41.4	1.1	171.3	402.8	288.9
West Virginia	744,431.3	742,157.3	2,142.2	131.7	99.7	.3	(*)	140.6	630.3	298.5
East South Central	**1,777,512.6**	**1,642,879.3**	**37,612.3**	**97,021.0**	**92.4**	**2.1**	**5.5**	**150.2**	**353.2**	**212.1**
Alabama	478,121.3	474,373.4	2,182.6	1,565.4	99.2	.5	.3	161.2	635.1	261.6
Kentucky	573,378.3	570,554.1	885.8	1,938.4	99.5	.2	.3	130.8	654.2	215.9
Mississippi	215,770.7	90,009.6	32,243.9	93,517.2	41.7	14.9	43.3	183.8	305.4	211.2
Tennessee	510,242.3	507,942.2	2,300.1	–	99.5	.5	–	155.7	639.0	–
West South Central	**3,311,867.6**	**917,798.1**	**79,797.2**	**2,314,272.4**	**27.7**	**2.4**	**69.9**	**124.8**	**367.7**	**186.5**
Arkansas	138,652.3	55,706.1	21,536.5	61,409.6	40.2	15.5	44.3	133.6	343.2	215.5
Louisiana	515,589.0	33,164.8	46,532.1	435,892.1	6.4	9.0	84.5	195.5	372.7	201.1
Oklahoma	477,715.8	137,101.9	106.7	340,507.2	28.7	(*)	71.3	123.4	529.5	174.1
Texas	2,179,910.5	691,825.2	11,621.9	1,476,463.4	31.7	.5	67.7	121.0	391.7	183.9
Mountain	**1,423,497.5**	**1,226,533.1**	**32,733.3**	**164,231.0**	**86.2**	**2.3**	**11.5**	**79.6**	**429.0**	**253.1**
Arizona	328,803.5	264,919.7	12,107.4	51,776.4	80.6	3.7	15.7	97.6	482.5	241.2
Colorado	257,302.0	224,024.3	2,187.4	31,090.3	87.1	.9	12.1	85.6	529.7	264.1
Idaho	49.4	–	–	49.4	–	–	100.0	–	–	375.9
Montana	61,537.1	57,195.6	61.5	4,280.0	92.9	.1	7.0	44.4	501.0	387.0
Nevada	144,641.5	99,685.6	15,901.3	29,054.5	68.9	11.0	20.1	105.0	362.5	259.1
New Mexico	251,276.3	205,661.7	1,545.5	44,069.1	81.8	.6	17.5	55.9	489.1	246.8
Utah	123,746.5	119,036.4	848.0	3,862.2	96.2	.7	3.1	113.8	512.0	200.0
Wyoming	256,141.1	256,009.8	82.2	49.1	99.9	(*)	(*)	56.8	698.1	460.9
Pacific	**1,092,182.8**	**95,308.2**	**457,815.6**	**539,059.0**	**8.7**	**41.9**	**49.4**	**104.4**	**505.7**	**353.1**
California	990,370.8	–	454,167.1	536,203.7	–	45.9	54.1	–	505.6	352.7
Oregon	22,352.2	17,548.2	2,104.1	2,699.8	78.5	9.4	12.1	141.2	652.6	428.5
Washington	79,459.8	77,760.0	1,544.4	155.5	97.9	1.9	.2	96.1	353.8	343.3
Contiguous U.S.	**18,871,255.1**	**12,648,896.8**	**2,531,439.9**	**3,690,918.3**	**67.0**	**13.4**	**19.6**	**135.1**	**436.5**	**220.9**

(*) Denotes values that round to zero.

Table 42. Primary Energy Purchase Data for Steam-Electric Units by Census Region and State, 1980

Census Region and State	Total Btu (Billions)				% of Total Btu			Avg. Delivered Cost, ¢ per 10^6 Btu		
	Total	Coal	Oil	Gas	Coal	Oil	Gas	Coal	Oil	Gas
New England	**517,927.1**	**45,165.4**	**466,199.4**	**6,562.3**	**8.7**	**90.0**	**1.3**	**172.9**	**410.9**	**345.8**
Connecticut	131,660.9	-	131,660.9	-	-	100.0	-	-	470.0	-
Maine	21,585.0	-	21,585.0	-	-	100.0	-	-	438.8	-
Massachusetts	304,481.5	16,946.6	281,211.7	6,323.3	5.6	92.4	2.1	194.6	384.0	341.9
New Hampshire	51,261.8	28,218.8	23,043.0	-	55.0	45.0	-	159.8	381.3	-
Rhode Island	8,683.2	-	8,683.2	-	-	100.0	-	-	397.1	-
Vermont	254.6	-	15.6	239.0	-	6.1	93.9	-	677.6	449.8
Middle Atlantic	**1,994,368.5**	**1,244,237.8**	**564,249.6**	**185,881.1**	**62.4**	**28.3**	**9.3**	**137.2**	**439.5**	**278.8**
New Jersey	210,948.3	66,133.0	77,456.4	67,359.0	31.4	36.7	31.9	180.3	479.3	300.5
New York	640,859.0	156,880.6	365,569.3	118,409.1	24.5	57.0	18.5	147.2	424.9	266.4
Pennsylvania	1,142,561.2	1,021,224.2	121,223.9	113.1	89.4	10.6	(*)	132.9	457.9	317.5
East North Central	**3,709,909.8**	**3,526,124.8**	**152,461.5**	**31,323.6**	**95.0**	**4.1**	**.8**	**146.7**	**502.9**	**291.0**
Illinois	832,376.8	739,024.1	81,647.8	11,705.0	88.8	9.8	1.4	161.6	561.5	300.7
Indiana	799,598.3	796,416.9	2,061.0	1,120.4	99.6	.3	.1	126.5	613.0	261.7
Michigan	598,812.1	532,018.1	57,875.1	8,918.8	88.8	9.7	1.5	156.4	419.8	282.1
Ohio	1,170,138.9	1,160,785.4	8,992.5	361.0	99.2	.8	(*)	147.8	473.3	271.7
Wisconsin	308,983.6	297,880.2	1,885.1	9,218.4	96.4	.6	3.0	141.7	538.5	291.8
West North Central	**1,540,311.2**	**1,413,135.8**	**8,853.4**	**118,322.0**	**91.7**	**.6**	**7.7**	**110.0**	**456.8**	**187.2**
Iowa	205,052.0	199,500.5	663.4	4,888.1	97.3	.3	2.4	138.7	597.4	242.3
Kansas	271,492.5	188,135.0	487.7	82,869.7	69.3	.2	30.5	107.1	523.1	177.9
Minnesota	223,406.3	214,777.7	2,208.8	6,419.8	96.1	1.0	2.9	104.3	445.1	198.5
Missouri	545,527.3	528,631.4	3,227.8	13,668.0	96.9	.6	2.5	118.8	414.5	222.0
Nebraska	98,155.0	86,711.8	1,527.9	9,915.3	88.3	1.6	10.1	124.2	427.6	181.8
North Dakota	161,966.2	161,655.8	310.4	-	99.8	.2	-	55.6	607.1	-
South Dakota	34,711.9	33,723.5	427.4	561.0	97.2	1.2	1.6	76.3	538.7	196.5
South Atlantic	**3,361,893.3**	**2,536,757.4**	**665,235.6**	**159,900.3**	**75.5**	**19.8**	**4.8**	**153.1**	**387.6**	**167.5**
Delaware	70,817.2	26,989.2	37,176.1	6,651.9	38.1	52.5	9.4	163.9	432.2	347.2
District of Columbia	9,083.6	-	9,083.6	-	-	100.0	-	-	510.1	-
Florida	798,268.6	205,530.2	447,340.1	145,398.3	25.7	56.0	18.2	180.0	372.2	154.2
Georgia	517,289.8	507,201.9	6,346.8	3,741.1	98.0	1.2	.7	150.0	423.7	255.9
Maryland	204,606.2	148,591.7	56,014.6	-	72.6	27.4	-	153.8	430.1	-
North Carolina	576,371.6	575,019.8	1,351.8	-	99.8	.2	-	156.7	585.8	-
South Carolina	216,728.0	201,138.8	13,460.4	2,128.8	92.8	6.2	1.0	155.7	354.9	230.8
Virginia	224,319.7	130,128.5	92,342.7	1,848.5	58.0	41.2	.8	171.3	400.4	302.6
West Virginia	744,408.5	742,157.3	2,119.5	131.7	99.7	.3	(*)	140.6	629.8	298.5
East South Central	**1,772,374.6**	**1,642,879.3**	**36,196.8**	**93,298.5**	**92.7**	**2.0**	**5.3**	**150.2**	**344.5**	**218.3**
Alabama	477,859.9	474,373.4	1,921.2	1,565.4	99.3	.4	.3	161.2	645.3	261.6
Kentucky	573,254.5	570,554.1	825.2	1,875.2	99.5	.1	.3	130.8	654.0	215.6
Mississippi	212,105.6	90,009.6	32,238.0	89,857.9	42.4	15.2	42.4	183.8	305.4	217.6
Tennessee	509,154.6	507,942.2	1,212.4	-	99.8	.2	-	155.7	697.9	-
West South Central	**3,247,926.8**	**917,798.1**	**78,196.4**	**2,251,932.3**	**28.3**	**2.4**	**69.3**	**124.8**	**368.6**	**187.8**
Arkansas	136,751.0	55,706.1	20,792.1	60,252.8	40.7	15.2	44.1	133.6	339.5	215.4
Louisiana	512,953.6	33,164.8	46,497.9	433,290.8	6.5	9.1	84.5	195.5	372.6	201.3
Oklahoma	474,994.2	137,101.9	106.7	337,785.6	28.9	(*)	71.1	123.4	529.5	174.1
Texas	2,123,228.0	691,825.2	10,799.7	1,420,603.0	32.6	.5	66.9	121.0	405.5	185.8
Mountain	**1,405,815.4**	**1,226,533.1**	**31,661.9**	**147,620.3**	**87.2**	**2.3**	**10.5**	**79.6**	**422.3**	**254.7**
Arizona	320,496.6	264,919.7	11,779.8	43,797.1	82.7	3.7	13.7	97.6	479.2	239.9
Colorado	251,095.7	224,024.3	1,505.4	25,566.0	89.2	.6	10.2	85.6	474.3	272.5
Idaho	-	-	-	-	-	-	-	-	-	-
Montana	61,475.6	57,195.6	-	4,280.0	93.0	-	7.0	44.4	-	387.0
Nevada	142,227.2	99,685.6	15,901.3	26,640.2	70.1	11.2	18.7	105.0	362.5	261.5
New Mexico	250,632.9	205,661.7	1,545.5	43,425.7	82.1	.6	17.3	55.9	489.1	246.6
Utah	123,746.5	119,036.4	848.0	3,862.2	96.2	.7	3.1	113.8	512.0	200.0
Wyoming	256,140.8	256,009.8	81.9	49.1	99.9	(*)	(*)	56.8	697.7	460.9
Pacific	**1,067,998.6**	**95,308.2**	**442,832.8**	**529,857.6**	**8.9**	**41.5**	**49.6**	**104.4**	**502.8**	**353.2**
California	969,802.9	-	440,906.7	528,896.1	-	45.5	54.5	-	503.2	353.0
Oregon	18,892.8	17,548.2	383.1	961.5	92.9	2.0	5.1	141.2	633.2	417.9
Washington	79,302.9	77,760.0	1,542.9	-	98.1	1.9	-	96.1	353.5	-
Contiguous U.S.	**18,618,525.3**	**12,647,939.8**	**2,445,887.5**	**3,524,698.0**	**67.9**	**13.1**	**18.9**	**135.1**	**431.5**	**221.4**

(*) Denotes values that round to zero.

Table 43. Primary Energy Purchase Data for Peaking Units by Census Region and State, 1980

Census Region and State	Total Btu (Billions)			% of Total Btu		Avg. Delivered Cost, ¢ per 10^6 Btu	
	Total	Oil	Gas	Oil	Gas	Oil	Gas
New England	**1,566.5**	**1,409.9**	**156.6**	**90.0**	**10.0**	**613.9**	**251.2**
Connecticut	301.5	301.5	-	100.0	-	615.1	-
Maine	58.0	58.0	-	100.0	-	620.9	-
Massachusetts	1,041.5	884.9	156.6	85.0	15.0	604.1	251.2
New Hampshire	32.7	32.7	-	100.0	-	666.3	-
Rhode Island	-	-	-	-	-	-	-
Vermont	132.8	132.8	-	100.0	-	660.4	-
Middle Atlantic	**49,439.8**	**25,469.8**	**23,970.0**	**51.5**	**48.5**	**585.8**	**298.1**
New Jersey	30,404.4	14,698.8	15,705.6	48.3	51.7	592.8	304.0
New York	8,751.2	2,123.9	6,627.3	24.3	75.7	564.8	268.3
Pennsylvania	10,284.2	8,647.1	1,637.1	84.1	15.9	579.1	362.8
East North Central	**32,306.5**	**10,181.3**	**21,361.2**	**31.5**	**66.1**	**595.6**	**300.9**
Illinois	9,808.4	2,488.6	7,319.8	25.4	74.6	656.4	346.9
Indiana	2,963.7	2,621.0	342.7	88.4	11.6	587.1	215.6
Michigan	7,611.6	152.2	7,459.4	2.0	98.0	620.0	264.0
Ohio	7,662.3	3,595.5	3,302.9	46.9	43.1	577.5	292.3
Wisconsin	4,260.4	1,324.0	2,936.4	31.1	68.9	544.2	299.6
West North Central	**9,006.4**	**4,797.8**	**4,208.6**	**53.3**	**46.7**	**587.8**	**187.6**
Iowa	627.0	75.6	551.4	12.1	87.9	677.1	226.7
Kansas	3,222.3	204.8	3,017.5	6.4	93.6	545.1	174.9
Minnesota	2,837.4	2,719.9	117.5	95.9	4.1	580.8	208.8
Missouri	2,089.1	1,582.9	506.2	75.8	24.2	592.4	215.3
Nebraska	16.0	-	16.0	-	100.0	-	196.9
North Dakota	22.3	22.3	-	100.0	-	610.2	-
South Dakota	192.3	192.3	-	100.0	-	655.5	-
South Atlantic	**49,465.4**	**24,623.3**	**24,649.1**	**49.8**	**49.8**	**570.5**	**192.4**
Delaware	120.5	120.5	-	100.0	-	580.2	-
District of Columbia	451.6	451.6	-	100.0	-	591.6	-
Florida	31,541.3	17,642.6	13,705.7	55.9	43.5	564.4	140.0
Georgia	72.3	46.4	25.9	64.2	35.8	602.7	237.8
Maryland	8,122.5	2,778.9	5,343.6	34.2	65.8	589.7	250.2
North Carolina	2,381.2	862.1	1,519.1	36.2	63.8	577.0	315.2
South Carolina	4,885.4	1,435.8	3,449.6	29.4	70.6	585.8	247.0
Virginia	1,868.0	1,262.7	605.2	67.6	32.4	579.7	246.9
West Virginia	22.7	22.7	-	100.0	-	676.1	-
East South Central	**5,137.9**	**1,415.4**	**3,722.5**	**27.5**	**72.5**	**574.5**	**57.0**
Alabama	261.4	261.4	-	100.0	-	560.5	-
Kentucky	123.8	60.5	63.2	48.9	51.1	656.5	224.4
Mississippi	3,665.1	5.8	3,659.3	.2	99.8	590.6	54.1
Tennessee	1,087.7	1,087.7	-	100.0	-	573.3	-
West South Central	**63,940.8**	**1,600.7**	**62,340.1**	**2.5**	**97.5**	**326.9**	**139.0**
Arkansas	1,901.2	744.4	1,156.8	39.2	60.8	445.1	221.6
Louisiana	2,635.5	34.2	2,601.3	1.3	98.7	547.8	168.1
Oklahoma	2,721.6	-	2,721.6	-	100.0	-	168.7
Texas	56,682.5	822.1	55,860.4	1.5	98.5	210.7	134.5
Mountain	**17,682.1**	**1,071.4**	**16,610.8**	**6.1**	**93.9**	**628.4**	**238.9**
Arizona	8,306.9	327.6	7,979.3	3.9	96.1	603.0	248.1
Colorado	6,206.3	681.9	5,524.4	11.0	89.0	652.0	224.9
Idaho	49.4	-	49.4	-	100.0	-	375.9
Montana	61.5	61.5	-	100.0	-	501.0	-
Nevada	2,414.3	-	2,414.3	-	100.0	-	232.6
New Mexico	643.4	-	643.4	-	100.0	-	259.0
Utah	-	-	-	-	-	-	-
Wyoming	.3	.3	-	100.0	-	793.3	-
Pacific	**24,184.2**	**14,982.8**	**9,201.4**	**62.0**	**38.0**	**593.4**	**347.1**
California	20,567.9	13,260.3	7,307.6	64.5	35.5	585.1	326.4
Oregon	3,459.4	1,721.0	1,738.3	49.7	50.3	656.9	434.3
Washington	156.9	1.5	155.5	.9	99.1	640.4	343.3
Contiguous U.S.	**252,729.8**	**85,552.5**	**166,220.3**	**33.9**	**65.8**	**580.0**	**211.7**

Cost

The average cost of all coal receipts to electric utilities in the United States was $28.76 per ton, which was a $2.61 per ton increase from 1979. Contract coal purchases increased $2.54 per ton to a level of $28.31 per ton, while spot coal costs increased $3.49 from 1979 and averaged $32.21 per ton.

The average cost of heavy oil increased $8.04 per barrel to a level of $26.64 per barrel as compared to costs in 1979. The average cost of light oil increased $10.01 per barrel to a level of $33.25 per barrel.

The average cost of gas received by electric units during 1980 increased $0.48 per thousand cubic feet (Mcf) to a level of $2.29 per Mcf. Firm and interruptible gas receipts averaged $1.88 per Mcf and $2.94 per Mcf, respectively.

The following table compares fossil-fuel average costs in 1980 and 1979.

Cost (dollars)	1980	1979	Quantitative Difference	Change (percentage)
Total Coal (per short ton)	**28.76**	**26.15**	**2.61**	**10.0**
Contract	28.31	25.77	2.54	9.9
Spot	32.21	28.72	3.49	12.2
Total Oil (per bbl)	**27.04**	**19.02**	**8.02**	**42.2**
Heavy Oil	26.64	18.60	8.04	43.2
Light Oil	33.25	23.24	10.01	43.1
Total Gas[1] (per Mcf)	**2.29**	**1.81**	**0.48**	**26.5**
Firm	1.88	1.57	0.31	19.7
Interruptible	2.94	2.22	0.72	32.4

[1]Excludes off-peak gas.
Note: Totals may not equal sum of components because of independent rounding.
Source: •Federal Power Commission Form 423.

Table 44. Average Cost of Coal Received at Steam-Electric Units by Census Region and State, 1980

Census Region and State	Average Cost by Type of Purchase						Average Cost by Type of Mining Method					
	Contract Purchases			Spot Purchases			Strip and Auger			Underground		
	Quantity 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	Quantity 1000 Tons	¢ per 10^6 Btu	$ per Ton
New England	**952.5**	**159.5**	**42.89**	**733.3**	**190.3**	**50.77**	**447.0**	**171.3**	**45.26**	**1,238.8**	**173.4**	**46.70**
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	633.5	194.6	52.06	161.9	189.6	49.79	471.6	196.3	52.84
New Hampshire	952.5	159.5	42.89	99.8	162.6	42.58	285.1	161.1	42.68	767.2	159.4	42.93
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**38,209.7**	**140.2**	**34.03**	**12,957.5**	**128.4**	**31.38**	**25,573.8**	**134.6**	**32.72**	**25,593.4**	**139.8**	**34.00**
New Jersey	2,191.4	178.9	46.80	334.5	189.4	49.83	1,773.7	175.9	45.78	752.2	190.4	50.55
New York	3,625.2	151.5	37.52	2,742.9	141.4	34.60	5,112.7	145.1	35.45	1,255.4	155.5	39.57
Pennsylvania	32,393.1	136.0	32.78	9,880.1	122.6	29.86	18,687.4	127.4	30.73	23,585.8	137.2	33.18
East North Central	**136,620.2**	**148.6**	**32.35**	**23,509.4**	**136.2**	**32.03**	**110,886.5**	**142.2**	**30.88**	**49,243.1**	**156.3**	**35.51**
Illinois	33,643.1	164.3	33.73	2,244.7	124.3	26.62	24,235.1	174.7	35.49	11,652.6	135.5	28.70
Indiana	32,859.9	128.7	27.76	3,957.0	108.5	24.04	27,982.9	114.6	24.79	8,833.9	163.9	35.50
Michigan	18,127.7	155.0	36.88	4,017.0	162.4	40.69	14,501.1	158.5	37.57	7,643.6	152.5	37.57
Ohio	38,313.9	151.6	34.20	12,452.3	136.7	32.65	31,732.8	136.2	30.80	19,033.3	166.5	38.86
Wisconsin	13,675.7	141.3	28.81	838.5	148.2	33.57	12,434.5	139.8	28.04	2,079.7	151.9	35.34
West North Central	**71,354.1**	**109.5**	**19.92**	**6,141.5**	**115.5**	**21.52**	**72,405.7**	**106.1**	**19.01**	**5,089.9**	**152.9**	**34.84**
Iowa	9,942.1	138.5	25.49	764.6	141.7	30.59	9,800.3	134.6	24.85	906.4	178.5	36.71
Kansas	9,960.9	106.4	19.35	280.7	126.0	31.23	10,168.0	106.5	19.53	73.5	178.1	40.06
Minnesota	12,152.8	103.8	18.20	80.6	163.0	35.64	11,879.0	102.2	17.76	354.3	155.8	36.77
Missouri	23,146.8	117.8	25.01	1,664.9	133.0	29.53	21,492.1	115.2	24.23	3,319.6	140.3	32.38
Nebraska	3,334.8	119.8	22.23	1,275.4	135.2	26.29	4,174.2	114.5	20.85	436.0	192.4	47.32
North Dakota	10,140.0	56.3	7.44	2,075.5	52.6	6.96	12,215.5	55.6	7.36	-	-	-
South Dakota	2,676.6	76.3	9.61	-	-	-	2,676.6	76.3	9.61	-	-	-
South Atlantic	**89,510.7**	**153.5**	**37.22**	**14,877.5**	**151.1**	**37.19**	**52,166.9**	**151.9**	**36.66**	**52,221.4**	**154.4**	**37.77**
Delaware	562.1	173.3	43.52	520.9	153.7	37.98	883.8	151.2	37.52	199.1	219.3	55.66
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	7,825.7	182.3	43.04	858.3	159.4	38.94	4,297.1	177.9	41.97	4,386.9	182.0	43.29
Georgia	18,033.1	148.7	35.21	3,273.5	157.1	38.46	16,877.4	143.1	33.92	4,429.2	175.6	42.53
Maryland	4,494.7	154.5	38.36	1,507.2	151.8	37.28	5,217.5	151.5	37.33	784.5	169.2	43.12
North Carolina	20,173.6	158.8	39.02	3,260.3	143.9	34.98	8,515.8	156.0	38.28	14,918.0	157.1	38.55
South Carolina	5,812.9	158.8	39.63	2,283.5	147.7	36.29	2,788.9	154.8	38.04	5,307.5	156.2	39.03
Virginia	3,359.4	171.6	42.19	1,843.0	170.8	44.06	2,037.7	178.3	45.40	3,164.7	166.7	41.21
West Virginia	29,249.2	141.4	34.32	1,330.9	123.4	30.02	11,548.6	146.3	35.25	19,031.5	137.2	33.45
East South Central	**62,357.9**	**152.4**	**35.51**	**7,971.7**	**133.3**	**31.70**	**38,973.8**	**142.0**	**33.05**	**31,355.8**	**160.3**	**37.61**
Alabama	16,181.0	165.5	39.46	3,657.4	142.4	34.51	12,416.6	159.1	38.24	7,421.8	164.8	39.07
Kentucky	21,376.3	132.8	30.33	3,520.2	119.0	27.76	16,922.5	122.7	27.79	7,974.0	147.2	34.59
Mississippi	2,963.6	191.8	46.16	787.8	153.2	36.30	2,352.6	155.8	37.77	1,398.8	232.2	54.72
Tennessee	21,837.0	155.7	36.22	6.3	134.6	32.07	7,282.1	150.8	34.88	14,561.2	158.2	36.88
West South Central	**59,998.7**	**124.8**	**19.09**	**-**	**-**	**-**	**59,998.7**	**124.8**	**19.09**	**-**	**-**	**-**
Arkansas	3,275.1	133.6	22.72	-	-	-	3,275.1	133.6	22.72	-	-	-
Louisiana	2,067.9	195.5	31.36	-	-	-	2,067.9	195.5	31.36	-	-	-
Oklahoma	7,882.7	123.4	21.46	-	-	-	7,882.7	123.4	21.46	-	-	-
Texas	46,773.0	121.0	17.90	-	-	-	46,773.0	121.0	17.90	-	-	-
Mountain	**60,690.1**	**76.8**	**14.95**	**2,240.0**	**150.5**	**30.80**	**55,976.6**	**73.0**	**13.94**	**6,953.5**	**123.7**	**28.13**
Arizona	11,685.8	92.0	19.65	785.1	189.2	36.84	12,073.4	95.0	20.14	397.4	173.0	38.79
Colorado	11,018.0	85.3	17.03	187.7	104.8	21.94	10,789.8	83.8	16.74	415.9	129.6	26.72
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	3,363.8	44.4	7.54	-	-	-	3,363.8	44.4	7.54	-	-	-
Nevada	3,573.0	91.0	19.87	942.2	155.2	35.71	3,573.0	91.0	19.87	942.2	155.2	35.71
New Mexico	11,603.5	55.7	9.86	19.0	129.1	21.95	11,622.5	55.9	9.88	-	-	-
Utah	5,198.0	113.8	26.06	-	-	-	-	-	-	5,198.0	113.8	26.06
Wyoming	14,248.0	57.1	10.07	306.0	40.8	6.19	14,554.0	56.8	9.99	-	-	-
Pacific	**5,870.5**	**104.4**	**16.96**	**-**	**-**	**-**	**5,870.5**	**104.4**	**16.96**	**-**	**-**	**-**
California	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	1,070.5	141.2	23.15	-	-	-	1,070.5	141.2	23.15	-	-	-
Washington	4,800.0	96.1	15.58	-	-	-	4,800.0	96.1	15.58	-	-	-
Contiguous U.S.	**525,564.4**	**134.7**	**28.31**	**68,430.9**	**137.3**	**32.21**	**422,299.5**	**126.8**	**25.77**	**171,695.8**	**152.7**	**36.12**

Table 45. Average Cost of Fuel Oil Received at All Reporting Plants by Census Region and State, 1980

Census Region and State	Cost of All Fuel Oil by Type of Purchase						Average Cost of All Oil					
	Contract Purchases			Spot Purchases			Fuel Oil No. 2		Fuel Oil No. 6		All Oil	
	Quantity 1000 Bbls	¢ per 10^6 Btu	$ per Bbl	Quantity 1000 Bbls	¢ 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	**70,123.6**	**414.7**	**25.84**	**4,869.1**	**366.9**	**23.04**	**602.8**	**35.03**	**410.6**	**25.61**	**411.5**	**25.66**
Connecticut	21,406.4	470.3	28.99	–	–	–	611.2	35.13	469.9	28.97	470.3	28.99
Maine	3,097.0	443.3	27.68	369.9	405.7	25.31	633.1	36.68	438.1	27.36	439.3	27.42
Massachusetts	41,922.0	387.4	24.27	3,095.2	347.2	21.82	599.2	34.87	383.7	24.05	384.6	24.10
New Hampshire	3,675.0	380.6	23.78	20.3	595.5	34.39	593.7	34.32	380.3	23.76	381.7	23.84
Rhode Island	–	–	–	1,381.0	397.1	24.97	–	–	397.1	24.97	397.1	24.97
Vermont	23.2	660.4	37.81	2.7	677.6	39.12	605.8	35.92	–	–	662.2	37.95
Middle Atlantic	**90,383.6**	**444.8**	**27.47**	**5,150.5**	**464.2**	**28.44**	**583.4**	**33.85**	**438.0**	**27.14**	**445.8**	**27.52**
New Jersey	15,061.7	497.7	30.26	93.1	454.0	28.21	586.0	33.92	479.0	29.45	497.4	30.25
New York	56,719.2	425.4	26.41	2,530.0	432.6	26.69	561.1	32.56	424.9	26.38	425.7	26.42
Pennsylvania	18,602.7	461.9	28.43	2,527.3	496.6	30.19	584.7	33.99	451.7	27.96	466.0	28.64
East North Central	**24,031.6**	**510.0**	**31.34**	**2,499.7**	**496.3**	**29.70**	**587.3**	**34.12**	**494.7**	**30.53**	**508.7**	**31.19**
Illinois	13,511.0	564.2	35.06	28.6	617.2	35.78	624.4	36.26	560.0	34.76	564.3	35.06
Indiana	402.1	584.8	34.46	402.0	612.5	35.23	598.5	34.85	–	–	598.5	34.85
Michigan	8,623.9	413.2	25.20	905.3	489.7	29.36	606.5	35.13	410.3	25.06	420.4	25.60
Ohio	950.3	557.4	32.53	1,162.1	460.3	27.89	571.7	33.21	357.9	22.57	503.1	29.98
Wisconsin	544.4	540.7	31.78	1.6	596.9	34.60	557.7	32.41	428.0	27.20	540.8	31.79
West North Central	**1,524.0**	**474.1**	**28.98**	**741.0**	**564.7**	**33.04**	**597.2**	**34.71**	**378.3**	**24.00**	**502.8**	**30.31**
Iowa	82.5	594.7	34.52	44.6	625.6	36.41	605.6	35.19	–	–	605.6	35.19
Kansas	44.5	458.3	27.84	73.5	575.2	33.03	574.3	32.96	–	–	529.6	31.08
Minnesota	795.7	520.0	31.56	17.0	520.2	30.20	580.0	34.03	445.8	28.27	520.0	31.54
Missouri	506.1	410.8	25.48	289.0	589.9	34.13	601.5	34.74	345.2	21.93	473.0	28.62
Nebraska	90.2	332.4	20.99	159.1	484.1	29.15	619.0	35.90	321.3	20.32	427.6	26.20
North Dakota	4.9	609.8	35.23	51.7	607.0	35.69	607.3	35.65	–	–	607.3	35.65
South Dakota	–	–	–	106.0	574.9	33.62	650.1	37.20	306.8	19.46	574.9	33.62
South Atlantic	**98,776.4**	**398.1**	**24.89**	**11,513.8**	**360.0**	**22.58**	**587.2**	**34.05**	**381.5**	**23.98**	**394.1**	**24.65**
Delaware	5,617.7	434.0	27.14	341.3	410.7	26.01	621.4	36.11	427.0	26.79	432.7	27.09
District of Columbia	1,573.0	514.0	31.15	–	–	–	594.6	34.41	449.4	27.98	514.0	31.15
Florida	64,630.3	383.1	24.04	9,475.7	354.9	22.28	575.6	33.20	371.7	23.41	379.5	23.81
Georgia	874.1	436.4	26.58	170.4	368.1	23.12	622.4	36.05	347.1	21.73	425.0	26.01
Maryland	9,317.5	436.3	27.04	175.1	509.2	30.44	595.8	34.56	421.1	26.27	437.6	27.10
North Carolina	372.8	588.5	34.11	9.0	333.3	19.60	582.4	33.77	–	–	582.4	33.77
South Carolina	2,405.4	377.2	23.36	–	–	–	578.0	33.65	344.1	21.53	377.2	23.36
Virginia	13,693.3	407.8	25.49	1,270.6	349.3	22.01	585.5	34.38	393.7	24.71	402.8	25.20
West Virginia	292.3	630.5	37.07	71.6	629.4	37.25	629.8	37.09	–	–	630.3	37.11
East South Central	**5,754.1**	**346.5**	**21.60**	**290.9**	**489.5**	**29.40**	**634.3**	**36.79**	**302.8**	**19.09**	**353.2**	**21.97**
Alabama	292.7	634.0	36.60	85.6	639.1	36.74	635.1	36.63	–	–	635.1	36.63
Kentucky	86.6	685.9	39.53	65.9	613.3	36.00	654.2	38.00	–	–	654.2	38.00
Mississippi	4,980.5	304.2	19.16	139.4	349.5	21.77	546.9	31.55	302.8	19.09	305.4	19.24
Tennessee	394.3	639.0	37.28	–	–	–	639.0	37.28	–	–	639.0	37.28
West South Central	**9,961.8**	**369.6**	**23.04**	**2,879.3**	**361.4**	**22.19**	**425.0**	**25.67**	**344.3**	**21.59**	**367.7**	**22.85**
Arkansas	3,019.1	346.1	21.64	421.8	322.9	20.35	434.3	26.03	334.4	21.02	343.2	21.48
Louisiana	6,187.6	364.4	22.80	1,261.9	414.1	25.66	437.2	26.81	357.6	22.43	372.7	23.28
Oklahoma	–	–	–	17.9	529.5	31.58	529.5	31.58	–	–	529.5	31.58
Texas	755.1	511.8	30.68	1,177.7	315.1	18.99	383.4	22.37	258.9	15.99	391.7	23.55
Mountain	**2,795.4**	**468.7**	**28.45**	**2,527.9**	**386.3**	**24.09**	**639.3**	**37.26**	**369.9**	**23.09**	**429.0**	**26.38**
Arizona	1,132.5	494.9	30.17	841.7	466.1	28.82	648.2	38.00	391.8	24.82	482.5	29.59
Colorado	322.6	518.1	31.38	39.8	626.9	36.70	649.9	37.37	438.4	27.49	529.7	31.97
Idaho	–	–	–	–	–	–	–	–	–	–	–	–
Montana	11.1	501.0	27.77	–	–	–	501.0	27.77	–	–	501.0	27.77
Nevada	1,068.0	420.9	25.63	1,492.4	322.0	20.28	558.4	33.67	358.4	22.27	362.5	22.51
New Mexico	261.2	489.1	28.94	–	–	–	653.0	37.09	–	–	489.1	28.94
Utah	–	–	–	140.0	512.0	31.01	623.3	36.65	369.3	23.27	512.0	31.01
Wyoming	–	–	–	14.1	698.1	40.83	698.1	40.83	–	–	698.1	40.83
Pacific	**74,185.5**	**505.6**	**30.96**	**599.1**	**524.0**	**31.43**	**592.9**	**32.43**	**502.4**	**30.91**	**505.5**	**30.95**
California	74,175.3	505.6	30.96	.7	495.2	28.92	579.0	31.31	502.8	30.94	505.4	30.94
Oregon	10.0	654.1	37.64	355.6	652.6	37.55	652.6	37.55	–	–	652.6	37.55
Washington	.2	664.1	36.54	242.8	353.6	22.48	640.4	36.08	358.2	22.81	353.8	22.49
Contiguous U.S.	**377,536.0**	**439.5**	**27.23**	**31,071.3**	**399.9**	**24.77**	**574.1**	**33.29**	**427.6**	**26.61**	**436.5**	**27.04**

Table 46. Average Cost of Fuel Oil Received at Steam-Electric Units by Census Region and State, 1980

Census Region and State	Cost of Residual Oil (No. 6) by Type of Purchase						Average Cost of Other Products					
	Contract Purchases			Spot Purchases			Fuel Oil No. 2		Fuel Oil No. 4-No. 5		Crude Oil	
	Quantity 1000 Bbls	¢ per 10^6 Btu	$ per Bbl	Quantity 1000 Bbls	¢ 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	**69,829.5**	**413.9**	**25.80**	**4,804.5**	**363.9**	**22.88**	**606.1**	**35.10**	**-**	**-**	**-**	**-**
Connecticut	21,330.0	469.9	28.97	-	-	-	612.0	35.18	-	-	-	-
Maine	3,097.0	443.3	27.68	347.9	392.4	24.59	643.2	37.25	-	-	-	-
Massachusetts	41,732.5	386.5	24.22	3,075.6	345.8	21.74	596.7	34.69	-	-	-	-
New Hampshire	3,670.0	380.3	23.76	-	-	-	593.7	34.32	-	-	-	-
Rhode Island	-	-	-	1,381.0	397.1	24.97	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	677.6	39.12	-	-	-	-
Middle Atlantic	**86,048.5**	**438.0**	**27.14**	**4,144.8**	**437.1**	**27.12**	**595.1**	**34.50**	**-**	**-**	**-**	**-**
New Jersey	12,485.0	479.2	29.46	93.1	454.0	28.21	638.9	37.07	-	-	-	-
New York	56,356.6	424.6	26.37	2,525.7	432.2	26.67	-	-	-	-	-	-
Pennsylvania	17,206.9	452.4	27.97	1,526.0	443.9	27.79	593.9	34.44	-	-	-	-
East North Central	**21,605.3**	**501.1**	**30.89**	**1,006.2**	**360.4**	**22.65**	**591.6**	**34.30**	**-**	**-**	**-**	**-**
Illinois	12,887.6	560.0	34.76	-	-	-	632.9	36.84	-	-	-	-
Indiana	-	-	-	-	-	-	613.0	35.25	-	-	-	-
Michigan	8,604.9	412.7	25.18	412.7	361.9	22.58	605.8	35.08	-	-	-	-
Ohio	47.3	339.0	20.97	593.5	359.4	22.70	567.5	32.97	-	-	-	-
Wisconsin	65.5	428.0	27.20	-	-	-	569.8	33.10	-	-	-	-
West North Central	**808.0**	**386.3**	**24.50**	**87.9**	**304.8**	**19.33**	**613.0**	**35.52**	**441.4**	**26.76**	**-**	**-**
Iowa	-	-	-	-	-	-	597.4	34.71	-	-	-	-
Kansas	-	-	-	-	-	-	601.1	34.80	457.4	27.85	-	-
Minnesota	339.5	445.8	28.27	-	-	-	521.5	30.67	215.0	12.29	-	-
Missouri	378.2	345.7	21.96	1.4	216.2	13.61	619.1	35.69	-	-	-	-
Nebraska	90.2	332.4	20.99	65.1	306.0	19.41	619.0	35.90	-	-	-	-
North Dakota	-	-	-	-	-	-	607.1	35.64	-	-	-	-
South Dakota	-	-	-	21.4	306.8	19.46	646.6	37.22	-	-	-	-
South Atlantic	**91,587.1**	**385.4**	**24.22**	**10,772.9**	**345.8**	**21.81**	**601.2**	**35.05**	**522.5**	**31.60**	**-**	**-**
Delaware	5,456.1	428.9	26.88	317.8	395.7	25.22	626.6	36.41	-	-	-	-
District of Columbia	289.0	449.4	27.98	-	-	-	602.0	34.82	523.1	31.63	-	-
Florida	61,780.5	375.5	23.64	8,990.7	343.3	21.64	576.1	33.53	453.8	27.83	-	-
Georgia	568.7	343.6	21.47	163.5	359.2	22.64	622.9	36.07	-	-	-	-
Maryland	8,478.3	421.4	26.29	62.9	379.7	23.77	604.2	35.00	-	-	-	-
North Carolina	-	-	-	-	-	-	585.8	33.95	-	-	-	-
South Carolina	2,043.4	344.1	21.53	-	-	-	561.3	32.79	-	-	-	-
Virginia	12,971.0	398.1	24.97	1,238.0	347.6	21.94	587.9	34.51	-	-	-	-
West Virginia	-	-	-	-	-	-	629.8	37.09	-	-	-	-
East South Central	**4,937.4**	**302.4**	**19.06**	**122.2**	**319.8**	**20.07**	**653.9**	**37.79**	**-**	**-**	**-**	**-**
Alabama	-	-	-	-	-	-	645.3	37.11	-	-	-	-
Kentucky	-	-	-	-	-	-	654.0	38.04	-	-	-	-
Mississippi	4,937.4	302.4	19.06	122.2	319.8	20.07	546.1	31.50	-	-	-	-
Tennessee	-	-	-	-	-	-	697.9	40.48	-	-	-	-
West South Central	**7,592.2**	**344.8**	**21.66**	**2,113.7**	**342.3**	**21.34**	**437.5**	**26.51**	**497.8**	**29.97**	**-**	**-**
Arkansas	2,708.2	336.8	21.16	416.8	318.9	20.11	427.3	25.72	-	-	-	-
Louisiana	4,884.0	349.3	21.94	1,117.2	394.1	24.58	436.7	26.79	-	-	-	-
Oklahoma	-	-	-	-	-	-	529.5	31.58	-	-	-	-
Texas	-	-	-	579.7	258.9	15.99	440.8	25.72	497.8	29.97	-	-
Mountain	**1,400.7**	**426.0**	**26.14**	**2,045.4**	**332.6**	**21.01**	**642.6**	**37.56**	**472.3**	**28.76**	**-**	**-**
Arizona	138.3	447.9	28.14	543.4	377.7	23.97	655.7	38.38	484.5	29.54	-	-
Colorado	194.4	437.8	27.48	3.8	467.0	28.14	644.4	37.63	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-	-
Nevada	1,068.0	420.9	25.63	1,439.2	313.7	19.78	558.4	33.67	-	-	-	-
New Mexico	-	-	-	-	-	-	653.0	37.09	407.9	24.64	-	-
Utah	-	-	-	59.0	369.3	23.27	623.3	36.65	-	-	-	-
Wyoming	-	-	-	-	-	-	697.7	40.81	-	-	-	-
Pacific	**71,421.0**	**502.8**	**30.94**	**229.8**	**358.2**	**22.81**	**585.2**	**33.62**	**267.6**	**16.47**	**663.5**	**40.47**
California	71,421.0	502.8	30.94	-	-	-	563.7	32.36	-	-	663.5	40.47
Oregon	-	-	-	-	-	-	633.2	36.43	-	-	-	-
Washington	-	-	-	229.8	358.2	22.81	-	-	267.6	16.47	-	-
Contiguous U.S.	**355,229.7**	**432.2**	**26.88**	**25,327.5**	**363.1**	**22.80**	**569.9**	**33.40**	**496.5**	**30.07**	**663.5**	**40.47**

Table 47. Average Cost of Fuel Oil Received at Peaking Units by Census Region and State, 1980

Census Region and State	Cost of All Fuel Oil by Type of Purchase						Average Cost of Peaking Oils							
	Contract Purchases			Spot Purchases			Kerosene[1]		Fuel Oil No. 2		Heavy Oil[2]		Total	
	Quantity 1000 Bbls	¢ per 10^6 Btu	$ per Bbl	Quantity 1000 Bbls	¢ 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	**220.4**	**615.8**	**35.37**	**24.8**	**596.9**	**34.54**	**639.5**	**35.86**	**600.5**	**34.98**	**-**	**-**	**613.9**	**35.29**
Connecticut	53.9	615.1	34.41	-	-	-	615.5	34.42	599.2	34.27	-	-	615.1	34.41
Maine	-	-	-	10.0	620.9	35.99	-	-	620.9	35.99	-	-	620.9	35.99
Massachusetts	138.3	606.8	35.25	14.0	577.3	33.41	661.3	37.07	600.2	34.94	-	-	604.1	35.08
New Hampshire	5.0	670.4	37.81	.8	640.6	36.10	666.3	37.58	-	-	-	-	666.3	37.58
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	23.2	660.4	37.81	-	-	-	686.9	38.79	567.7	34.15	-	-	660.4	37.81
Middle Atlantic	**3,664.4**	**588.7**	**34.00**	**741.1**	**571.7**	**33.21**	**613.9**	**34.80**	**580.5**	**33.69**	**-**	**-**	**585.8**	**33.87**
New Jersey	2,553.4	592.8	34.12	-	-	-	613.3	34.79	585.3	33.88	-	-	592.8	34.12
New York	362.6	563.5	32.65	4.3	682.4	35.97	635.3	35.11	561.1	32.56	-	-	564.8	32.69
Pennsylvania	748.4	586.9	34.23	736.8	571.1	33.20	-	-	579.1	33.72	-	-	579.1	33.72
East North Central	**1,430.1**	**598.2**	**36.33**	**258.5**	**580.0**	**33.56**	**699.2**	**56.10**	**581.0**	**33.85**	**-**	**-**	**595.6**	**35.91**
Illinois	362.4	656.1	44.30	7.3	673.0	38.58	699.2	56.10	613.1	35.49	-	-	656.4	44.19
Indiana	402.1	584.8	34.46	43.7	608.5	35.01	-	-	587.1	34.52	-	-	587.1	34.52
Michigan	9.6	685.0	39.99	16.6	582.4	33.84	-	-	620.0	36.08	-	-	620.0	36.08
Ohio	429.4	581.0	33.76	189.9	569.6	33.00	-	-	577.5	33.53	-	-	577.5	33.53
Wisconsin	226.7	544.0	31.63	1.0	600.3	34.79	-	-	544.2	31.64	-	-	544.2	31.64
West North Central	**483.9**	**581.9**	**34.10**	**340.2**	**596.3**	**34.38**	**-**	**-**	**587.8**	**34.22**	**-**	**-**	**587.8**	**34.22**
Iowa	-	-	-	13.0	677.1	39.39	-	-	677.1	39.39	-	-	677.1	39.39
Kansas	1.0	503.0	27.29	35.0	546.3	31.09	-	-	545.1	30.98	-	-	545.1	30.98
Minnesota	454.9	580.3	34.05	8.7	607.7	35.22	-	-	580.8	34.07	-	-	580.8	34.07
Missouri	28.0	610.6	35.13	245.8	590.4	34.15	-	-	592.4	34.25	-	-	592.4	34.25
Nebraska	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	3.8	610.2	35.88	-	-	610.2	35.88	-	-	610.2	35.88
South Dakota	-	-	-	33.9	655.5	37.17	-	-	655.5	37.17	-	-	655.5	37.17
South Atlantic	**3,714.0**	**569.9**	**33.11**	**526.1**	**574.9**	**33.29**	**693.5**	**39.07**	**578.3**	**33.42**	**459.1**	**28.54**	**570.5**	**33.13**
Delaware	17.1	581.7	33.84	3.6	572.8	33.20	-	-	580.2	33.73	-	-	580.2	33.73
District of Columbia	78.0	591.6	34.25	-	-	-	-	-	591.6	34.25	-	-	591.6	34.25
Florida	2,629.8	561.0	32.58	410.0	586.8	33.93	-	-	575.5	33.17	459.1	28.54	564.4	32.76
Georgia	1.1	639.2	37.05	6.9	596.9	34.59	-	-	602.7	34.93	-	-	602.7	34.93
Maryland	410.8	590.2	34.24	68.0	586.5	34.10	700.6	39.33	587.4	34.11	-	-	589.7	34.22
North Carolina	139.5	593.0	34.38	9.0	333.3	19.60	-	-	577.0	33.49	-	-	577.0	33.49
South Carolina	247.1	585.8	34.04	-	-	-	-	-	585.8	34.04	-	-	585.8	34.04
Virginia	187.4	600.0	35.25	27.6	441.5	25.82	-	-	579.7	34.04	-	-	579.7	34.04
West Virginia	3.0	673.6	38.28	1.0	683.6	38.85	676.1	38.42	-	-	-	-	676.1	38.42
East South Central	**237.2**	**573.5**	**33.68**	**3.9**	**637.9**	**36.61**	**-**	**-**	**574.5**	**33.73**	**-**	**-**	**574.5**	**33.73**
Alabama	41.0	554.5	32.79	3.3	637.6	36.62	-	-	560.5	33.07	-	-	560.5	33.07
Kentucky	10.0	657.5	37.55	.6	639.7	36.54	-	-	656.5	37.50	-	-	656.5	37.50
Mississippi	1.0	590.6	34.43	-	-	-	-	-	590.6	34.43	-	-	590.6	34.43
Tennessee	185.2	573.3	33.66	-	-	-	-	-	573.3	33.66	-	-	573.3	33.66
West South Central	**127.3**	**446.5**	**26.57**	**144.5**	**219.4**	**12.81**	**-**	**-**	**326.9**	**19.25**	**-**	**-**	**326.9**	**19.25**
Arkansas	125.0	445.1	26.51	-	-	-	-	-	445.1	26.51	-	-	445.1	26.51
Louisiana	2.3	525.4	30.12	3.6	561.6	32.51	-	-	547.8	31.59	-	-	547.8	31.59
Oklahoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	140.8	210.7	12.30	-	-	210.7	12.30	-	-	210.7	12.30
Mountain	**180.9**	**628.8**	**36.24**	**4.9**	**614.2**	**36.41**	**-**	**-**	**628.4**	**36.24**	**-**	**-**	**628.4**	**36.24**
Arizona	50.5	602.1	35.67	4.8	612.2	36.31	-	-	603.0	35.72	-	-	603.0	35.72
Colorado	119.3	652.0	37.27	-	-	-	-	-	652.0	37.27	-	-	652.0	37.27
Idaho	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Montana	11.1	501.0	27.77	-	-	-	-	-	501.0	27.77	-	-	501.0	27.77
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	.1	793.3	44.98	-	-	793.3	44.98	-	-	793.3	44.98
Pacific	**2,518.1**	**585.4**	**30.96**	**289.8**	**656.6**	**37.78**	**592.4**	**30.48**	**593.8**	**32.29**	**-**	**-**	**593.4**	**31.66**
California	2,507.9	585.1	30.93	.7	495.2	28.92	592.4	30.48	580.6	31.21	-	-	585.1	30.93
Oregon	10.0	654.1	37.64	289.0	657.0	37.81	-	-	656.9	37.80	-	-	656.9	37.80
Washington	.2	664.1	36.54	.1	604.3	35.33	-	-	640.4	36.08	-	-	640.4	36.08
Contiguous U.S.	**12,576.4**	**582.6**	**33.37**	**2,333.9**	**565.9**	**32.77**	**615.5**	**34.42**	**577.4**	**33.20**	**459.1**	**28.54**	**580.0**	**33.28**

[1] Includes small quantities of Jet Fuel.
[2] Includes FO4, FO5, FO6, Crude and Topped Crude.

Table 48. Average Cost of Gas Received at All Reporting Plants by Census Region and State, 1980

Census Region and State	Receipts and Cost by Type of Purchase											
	Firm Gas			Interruptible Gas			Off Peak Gas			Total Gas		
	Quantity 1000 Mcf	¢ per 10^6 Btu	$ per Mcf	Quantity 1000 Mcf	¢ per 10^6 Btu	$ per Mcf	Quantity 1000 Mcf	¢ per 10^6 Btu	$ per Mcf	Quantity 1000 Mcf	¢ per 10^6 Btu	$ per Mcf
New England	**-**	**-**	**-**	**6,718.9**	**343.6**	**3.44**	**-**	**-**	**-**	**6,718.9**	**343.6**	**3.44**
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	6,479.9	339.7	3.40	-	-	-	6,479.9	339.7	3.40
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	239.0	449.8	4.50	-	-	-	239.0	449.8	4.50
Middle Atlantic	**20,905.0**	**291.7**	**3.07**	**161,446.2**	**276.7**	**2.86**	**20,360.0**	**304.0**	**3.15**	**202,711.1**	**281.0**	**2.91**
New Jersey	-	-	-	80,311.6	301.2	3.12	-	-	-	80,311.6	301.2	3.12
New York	20,863.2	291.6	3.07	79,459.9	250.2	2.58	20,360.0	304.0	3.15	120,683.1	266.5	2.76
Pennsylvania	41.8	319.5	3.19	1,674.6	360.9	3.68	-	-	-	1,716.3	359.9	3.67
East North Central	**28,558.1**	**304.7**	**3.09**	**29,004.2**	**283.3**	**2.28**	**412.5**	**274.7**	**2.75**	**57,974.9**	**295.0**	**2.68**
Illinois	12,957.5	340.1	3.47	5,617.5	269.0	2.78	-	-	-	18,575.1	318.5	3.26
Indiana	1,186.2	259.1	2.60	271.5	215.6	2.17	-	-	-	1,457.7	250.9	2.52
Michigan	13,779.6	275.2	2.78	8,443.9	266.1	.78	-	-	-	22,223.5	273.8	2.02
Ohio	634.8	299.3	3.03	2,601.5	290.5	2.91	412.5	274.7	2.75	3,648.8	290.3	2.92
Wisconsin	-	-	-	12,069.8	293.6	2.96	-	-	-	12,069.8	293.6	2.96
West North Central	**20,484.9**	**195.5**	**1.78**	**106,111.3**	**185.7**	**1.81**	**304.4**	**204.0**	**2.04**	**126,900.6**	**187.2**	**1.81**
Iowa	1,995.1	213.5	2.13	3,401.8	256.5	2.60	-	-	-	5,396.9	240.8	2.43
Kansas	18,206.1	192.7	1.74	71,218.7	174.3	1.70	-	-	-	89,424.7	177.8	1.71
Minnesota	176.4	219.4	2.18	6,099.2	197.8	1.96	304.4	204.0	2.04	6,580.0	198.7	1.97
Missouri	-	-	-	14,474.3	221.7	2.17	-	-	-	14,474.3	221.7	2.17
Nebraska	90.2	236.2	2.36	10,366.6	181.3	1.72	-	-	-	10,456.8	181.8	1.73
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	17.2	283.1	2.62	550.6	194.0	1.92	-	-	-	567.8	196.5	1.94
South Atlantic	**94,285.6**	**114.6**	**1.15**	**86,725.4**	**229.3**	**2.38**	**194.2**	**412.7**	**4.27**	**181,205.2**	**170.8**	**1.74**
Delaware	1,121.2	352.9	3.66	5,263.3	345.9	3.61	-	-	-	6,384.5	347.2	3.62
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	93,160.8	111.7	1.12	63,557.9	211.6	2.19	-	-	-	156,718.6	153.0	1.55
Georgia	-	-	-	3,639.5	255.8	2.65	-	-	-	3,639.5	255.8	2.65
Maryland	-	-	-	5,031.3	243.8	2.49	194.2	412.7	4.27	5,225.5	250.2	2.56
North Carolina	-	-	-	1,468.6	315.2	3.26	-	-	-	1,468.6	315.2	3.26
South Carolina	3.6	260.6	2.84	5,410.3	240.8	2.48	-	-	-	5,414.0	240.8	2.48
Virginia	-	-	-	2,222.8	288.9	3.19	-	-	-	2,222.8	288.9	3.19
West Virginia	-	-	-	131.7	298.5	2.99	-	-	-	131.7	298.5	2.99
East South Central	**92,786.4**	**211.8**	**2.16**	**628.9**	**256.7**	**2.73**	**1,804.5**	**212.8**	**2.18**	**95,219.8**	**212.1**	**2.16**
Alabama	1,029.0	264.9	3.02	352.3	251.7	2.80	-	-	-	1,381.3	261.6	2.96
Kentucky	-	-	-	88.8	281.3	2.81	1,804.5	212.8	2.18	1,893.3	215.9	2.21
Mississippi	91,757.3	211.1	2.15	187.8	255.6	2.55	-	-	-	91,945.1	211.2	2.15
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-
West South Central	**1,895,244.7**	**177.5**	**1.85**	**331,423.7**	**238.2**	**2.46**	**-**	**-**	**-**	**2,226,668.3**	**186.5**	**1.94**
Arkansas	-	-	-	59,830.1	215.5	2.21	-	-	-	59,830.1	215.5	2.21
Louisiana	334,186.0	182.8	1.90	84,522.9	273.7	2.85	-	-	-	418,708.9	201.1	2.09
Oklahoma	313,989.8	172.6	1.81	10,898.2	217.9	2.24	-	-	-	324,888.0	174.1	1.82
Texas	1,247,068.8	177.4	1.84	176,172.5	230.0	2.38	-	-	-	1,423,241.3	183.9	1.91
Mountain	**69,270.2**	**252.7**	**2.65**	**89,601.3**	**253.5**	**2.59**	**1.4**	**285.1**	**2.82**	**158,872.9**	**253.1**	**2.62**
Arizona	33,407.2	251.9	2.67	15,577.1	218.1	2.30	-	-	-	48,984.3	241.2	2.55
Colorado	869.1	163.3	1.54	30,820.3	266.8	2.62	1.4	285.1	2.82	31,690.8	264.1	2.59
Idaho	-	-	-	47.6	375.9	3.90	-	-	-	47.6	375.9	3.90
Montana	4,074.0	387.4	4.06	7.8	192.6	1.88	-	-	-	4,081.8	387.0	4.06
Nevada	18,923.4	237.4	2.55	8,196.1	309.8	3.29	-	-	-	27,119.5	259.1	2.78
New Mexico	11,996.4	238.7	2.34	30,849.4	249.7	2.62	-	-	-	42,845.8	246.8	2.54
Utah	-	-	-	4,045.0	200.0	1.91	-	-	-	4,045.0	200.0	1.91
Wyoming	-	-	-	58.0	460.9	3.90	-	-	-	58.0	460.9	3.90
Pacific	**88.8**	**306.0**	**3.15**	**512,333.8**	**353.1**	**3.71**	**-**	**-**	**-**	**512,422.6**	**353.1**	**3.71**
California	-	-	-	509,567.3	352.7	3.71	-	-	-	509,567.3	352.7	3.71
Oregon	-	-	-	2,704.4	428.5	4.28	-	-	-	2,704.4	428.5	4.28
Washington	88.8	306.0	3.15	62.1	396.6	4.09	-	-	-	150.9	343.3	3.54
Contiguous U.S.	**2,221,623.6**	**181.6**	**1.88**	**1,323,993.8**	**286.1**	**2.95**	**23,077.0**	**296.1**	**3.06**	**3,568,694.4**	**220.9**	**2.28**

Table 49. Average Cost of Gas Received at Steam-Electric Units by Census Region and State, 1980

Census Region and State	Receipts and Cost by Type of Purchase											
	Firm Gas			Interruptible Gas			Off Peak Gas			Total Gas		
	Quantity 1000 Mcf	¢ per 10^6 Btu	$ per Mcf	Quantity 1000 Mcf	¢ per 10^6 Btu	$ per Mcf	Quantity 1000 Mcf	¢ per 10^6 Btu	$ per Mcf	Quantity 1000 Mcf	¢ per 10^6 Btu	$ per Mcf
New England	**-**	**-**	**-**	**6,562.3**	**345.8**	**3.46**	**-**	**-**	**-**	**6,562.3**	**345.8**	**3.46**
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	6,323.3	341.9	3.42	-	-	-	6,323.3	341.9	3.42
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	239.0	449.8	4.50	-	-	-	239.0	449.8	4.50
Middle Atlantic	**20,060.8**	**291.5**	**3.07**	**139,769.8**	**273.4**	**2.82**	**19,663.0**	**303.8**	**3.14**	**179,493.5**	**278.8**	**2.89**
New Jersey	-	-	-	65,105.9	300.5	3.11	-	-	-	65,105.9	300.5	3.11
New York	20,019.0	291.5	3.07	74,592.6	249.7	2.58	19,663.0	303.8	3.14	114,274.6	266.4	2.76
Pennsylvania	41.8	319.5	3.19	71.3	316.3	3.16	-	-	-	113.1	317.5	3.18
East North Central	**15,589.5**	**297.3**	**3.01**	**21,037.7**	**284.7**	**2.06**	**285.5**	**278.2**	**2.78**	**36,912.7**	**291.0**	**2.47**
Illinois	7,429.6	309.0	3.14	4,025.7	285.6	2.95	-	-	-	11,455.3	300.7	3.07
Indiana	1,117.3	261.7	2.62	-	-	-	-	-	-	1,117.3	261.7	2.62
Michigan	7,042.7	290.6	2.94	7,758.4	248.3	.57	-	-	-	14,801.1	282.1	1.70
Ohio	-	-	-	110.1	247.0	1.69	285.5	278.2	2.78	395.6	271.7	2.48
Wisconsin	-	-	-	9,143.4	291.8	2.94	-	-	-	9,143.4	291.8	2.94
West North Central	**20,455.9**	**195.5**	**1.78**	**101,945.0**	**185.6**	**1.81**	**304.4**	**204.0**	**2.04**	**122,705.3**	**187.2**	**1.81**
Iowa	1,966.1	213.8	2.13	2,875.1	261.5	2.66	-	-	-	4,841.2	242.3	2.45
Kansas	18,206.1	192.7	1.74	68,217.5	174.2	1.70	-	-	-	86,423.6	177.9	1.71
Minnesota	176.4	219.4	2.18	5,980.6	197.6	1.96	304.4	204.0	2.04	6,461.4	198.5	1.97
Missouri	-	-	-	13,970.7	222.0	2.17	-	-	-	13,970.7	222.0	2.17
Nebraska	90.2	236.2	2.36	10,350.4	181.3	1.72	-	-	-	10,440.6	181.8	1.73
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	17.2	283.1	2.62	550.6	194.0	1.92	-	-	-	567.8	196.5	1.94
South Atlantic	**83,905.0**	**115.0**	**1.15**	**73,028.7**	**225.7**	**2.34**	**-**	**-**	**-**	**156,933.6**	**167.5**	**1.71**
Delaware	1,121.2	352.9	3.66	5,263.3	345.9	3.61	-	-	-	6,384.5	347.2	3.62
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	82,783.8	111.7	1.12	60,324.9	210.8	2.18	-	-	-	143,108.6	154.2	1.57
Georgia	-	-	-	3,614.3	255.9	2.65	-	-	-	3,614.3	255.9	2.65
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	2,066.6	230.8	2.38	-	-	-	2,066.6	230.8	2.38
Virginia	-	-	-	1,627.8	302.6	3.44	-	-	-	1,627.8	302.6	3.44
West Virginia	-	-	-	131.7	298.5	2.99	-	-	-	131.7	298.5	2.99
East South Central	**89,211.8**	**218.2**	**2.22**	**623.5**	**256.3**	**2.73**	**1,748.1**	**212.7**	**2.18**	**91,583.4**	**218.3**	**2.22**
Alabama	1,029.0	264.9	3.02	352.3	251.7	2.80	-	-	-	1,381.3	261.6	2.96
Kentucky	-	-	-	83.4	279.7	2.80	1,748.1	212.7	2.18	1,831.5	215.6	2.21
Mississippi	88,182.7	217.5	2.21	187.8	255.6	2.55	-	-	-	88,370.5	217.6	2.21
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-
West South Central	**1,839,798.4**	**178.9**	**1.86**	**326,687.1**	**238.4**	**2.46**	**-**	**-**	**-**	**2,166,485.5**	**187.8**	**1.95**
Arkansas	-	-	-	58,692.2	215.4	2.21	-	-	-	58,692.2	215.4	2.21
Louisiana	331,697.0	182.9	1.90	84,522.9	273.7	2.85	-	-	-	416,219.9	201.3	2.10
Oklahoma	311,365.5	172.6	1.81	10,898.0	217.9	2.24	-	-	-	322,263.5	174.1	1.83
Texas	1,196,735.9	179.4	1.86	172,573.9	230.0	2.38	-	-	-	1,369,309.8	185.8	1.93
Mountain	**60,148.4**	**253.7**	**2.65**	**82,856.1**	**255.5**	**2.61**	**1.4**	**285.1**	**2.82**	**143,005.9**	**254.7**	**2.63**
Arizona	26,529.1	252.3	2.67	14,914.0	217.9	2.30	-	-	-	41,443.1	239.9	2.54
Colorado	869.1	163.3	1.54	25,415.8	276.2	2.69	1.4	285.1	2.82	26,286.3	272.5	2.65
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	4,074.0	387.4	4.06	7.8	192.6	1.88	-	-	-	4,081.8	387.0	4.06
Nevada	16,679.7	238.0	2.56	8,196.1	309.8	3.29	-	-	-	24,875.8	261.5	2.80
New Mexico	11,996.4	238.7	2.34	30,219.4	249.6	2.62	-	-	-	42,215.8	246.6	2.54
Utah	-	-	-	4,045.0	200.0	1.91	-	-	-	4,045.0	200.0	1.91
Wyoming	-	-	-	58.0	460.9	3.90	-	-	-	58.0	460.9	3.90
Pacific	**-**	**-**	**-**	**503,541.9**	**353.2**	**3.72**	**-**	**-**	**-**	**503,541.9**	**353.2**	**3.72**
California	-	-	-	502,625.3	353.0	3.71	-	-	-	502,625.3	353.0	3.71
Oregon	-	-	-	916.6	417.9	4.38	-	-	-	916.6	417.9	4.38
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Contiguous U.S.	**2,129,169.7**	**182.3**	**1.89**	**1,256,052.1**	**286.7**	**2.95**	**22,002.4**	**295.0**	**3.05**	**3,407,224.2**	**221.4**	**2.29**

Table 50. Average Cost of Gas Received at Peaking Units by Census Region and State

Census Region and State	Receipts and Cost by Type of Purchase											
	Firm Gas			Interruptible Gas			Off Peak Gas			Total Gas		
	Quantity 1000 Mcf	¢ per 10^6 Btu	$ per Mcf	Quantity 1000 Mcf	¢ per 10^6 Btu	$ per Mcf	Quantity 1000 Mcf	¢ per 10^6 Btu	$ per Mcf	Quantity 1000 Mcf	¢ per 10^6 Btu	$ per Mcf
New England	**-**	**-**	**-**	**156.6**	**251.2**	**2.51**	**-**	**-**	**-**	**156.6**	**251.2**	**2.51**
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	156.6	251.2	2.51	-	-	-	156.6	251.2	2.51
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**844.2**	**294.7**	**3.05**	**21,676.4**	**297.9**	**3.08**	**697.0**	**309.8**	**3.21**	**23,217.6**	**298.1**	**3.08**
New Jersey	-	-	-	15,205.8	304.0	3.14	-	-	-	15,205.8	304.0	3.14
New York	844.2	294.7	3.05	4,867.4	257.8	2.66	697.0	309.8	3.21	6,408.6	268.3	2.77
Pennsylvania	-	-	-	1,603.2	362.8	3.71	-	-	-	1,603.2	362.8	3.71
East North Central	**12,968.6**	**313.6**	**3.18**	**7,966.5**	**280.7**	**2.84**	**127.1**	**266.7**	**2.67**	**21,062.2**	**300.9**	**3.05**
Illinois	5,528.0	381.5	3.92	1,591.8	227.2	2.35	-	-	-	7,119.8	346.9	3.57
Indiana	68.9	215.7	2.17	271.5	215.6	2.17	-	-	-	340.4	215.6	2.17
Michigan	6,736.9	259.1	2.61	685.5	312.7	3.13	-	-	-	7,422.4	264.0	2.65
Ohio	634.8	299.3	3.03	2,491.4	291.8	2.97	127.1	266.7	2.67	3,253.3	292.3	2.97
Wisconsin	-	-	-	2,926.4	299.6	3.01	-	-	-	2,926.4	299.6	3.01
West North Central	**29.0**	**196.7**	**1.95**	**4,166.3**	**187.5**	**1.88**	**-**	**-**	**-**	**4,195.3**	**187.6**	**1.88**
Iowa	29.0	196.7	1.95	526.7	228.3	2.27	-	-	-	555.7	226.7	2.25
Kansas	-	-	-	3,001.2	174.9	1.76	-	-	-	3,001.2	174.9	1.76
Minnesota	-	-	-	118.6	208.8	2.07	-	-	-	118.6	208.8	2.07
Missouri	-	-	-	503.6	215.3	2.16	-	-	-	503.6	215.3	2.16
Nebraska	-	-	-	16.2	196.9	1.94	-	-	-	16.2	196.9	1.94
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	**10,380.6**	**111.7**	**1.12**	**13,696.7**	**248.8**	**2.55**	**194.2**	**412.7**	**4.27**	**24,271.6**	**192.4**	**1.95**
Delaware	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	10,377.0	111.6	1.12	3,233.0	228.2	2.35	-	-	-	13,610.0	140.0	1.41
Georgia	-	-	-	25.2	237.8	2.44	-	-	-	25.2	237.8	2.44
Maryland	-	-	-	5,031.3	243.8	2.49	194.2	412.7	4.27	5,225.5	250.2	2.56
North Carolina	-	-	-	1,468.6	315.2	3.26	-	-	-	1,468.6	315.2	3.26
South Carolina	3.6	260.6	2.84	3,343.7	247.0	2.55	-	-	-	3,347.3	247.0	2.55
Virginia	-	-	-	595.0	246.9	2.51	-	-	-	595.0	246.9	2.51
West Virginia	-	-	-	-	-	-	-	-	-	-	-	-
East South Central	**3,574.6**	**54.1**	**.55**	**5.4**	**306.7**	**3.07**	**56.4**	**216.7**	**2.22**	**3,636.4**	**57.0**	**.58**
Alabama	-	-	-	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	5.4	306.7	3.07	56.4	216.7	2.22	61.8	224.4	2.30
Mississippi	3,574.6	54.1	.55	-	-	-	-	-	-	3,574.6	54.1	.55
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-
West South Central	**55,446.2**	**131.5**	**1.36**	**4,736.6**	**227.4**	**2.34**	**-**	**-**	**-**	**60,182.8**	**139.0**	**1.44**
Arkansas	-	-	-	1,137.9	221.6	2.25	-	-	-	1,137.9	221.6	2.25
Louisiana	2,489.0	168.1	1.76	-	-	-	-	-	-	2,489.0	168.1	1.76
Oklahoma	2,624.3	168.7	1.75	.2	336.3	3.49	-	-	-	2,624.5	168.7	1.75
Texas	50,332.9	127.7	1.32	3,598.5	229.2	2.37	-	-	-	53,931.5	134.5	1.39
Mountain	**9,121.8**	**246.0**	**2.61**	**6,745.2**	**229.0**	**2.35**	**-**	**-**	**-**	**15,867.0**	**238.9**	**2.50**
Arizona	6,878.1	250.4	2.65	663.1	223.8	2.37	-	-	-	7,541.2	248.1	2.62
Colorado	-	-	-	5,404.5	224.9	2.30	-	-	-	5,404.5	224.9	2.30
Idaho	-	-	-	47.6	375.9	3.90	-	-	-	47.6	375.9	3.90
Montana	-	-	-	-	-	-	-	-	-	-	-	-
Nevada	2,243.7	232.6	2.50	-	-	-	-	-	-	2,243.7	232.6	2.50
New Mexico	-	-	-	630.0	259.0	2.64	-	-	-	630.0	259.0	2.64
Utah	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-
Pacific	**88.8**	**306.0**	**3.15**	**8,791.9**	**347.5**	**3.60**	**-**	**-**	**-**	**8,880.7**	**347.1**	**3.60**
California	-	-	-	6,941.9	326.4	3.44	-	-	-	6,941.9	326.4	3.44
Oregon	-	-	-	1,787.8	434.3	4.22	-	-	-	1,787.8	434.3	4.22
Washington	88.8	306.0	3.15	62.1	396.6	4.09	-	-	-	150.9	343.3	3.54
Contiguous U.S.	**92,453.9**	**164.8**	**1.70**	**67,941.7**	**274.0**	**2.81**	**1,074.7**	**318.6**	**3.28**	**161,470.2**	**211.7**	**2.18**

Table 51. Coal Receipts and Average Cost by Sulfur Content, Census Region and State, 1980

Census Region and State	0.5% or Less			More than 0.5% up to 1.0%			More than 1.0% up to 1.5%		
	Quantity 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	**-**	**-**	**-**	**89.3**	**189.2**	**50.07**	**544.2**	**195.5**	**52.39**
Connecticut	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	89.3	189.2	50.07	544.2	195.5	52.39
New Hampshire	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Middle Atlantic	**166.0**	**70.4**	**10.91**	**2,827.7**	**133.9**	**30.04**	**6,951.0**	**151.6**	**38.30**
New Jersey	-	-	-	367.1	200.5	53.97	1,335.7	189.5	49.82
New York	-	-	-	588.1	114.5	25.64	1,180.4	162.6	40.83
Pennsylvania	166.0	70.4	10.91	1,872.5	124.0	26.73	4,434.9	136.7	34.15
East North Central	**18,825.1**	**177.7**	**33.20**	**39,644.4**	**178.4**	**40.60**	**7,678.9**	**139.0**	**31.11**
Illinois	8,535.1	202.8	39.04	8,083.5	201.5	40.43	514.6	127.1	26.94
Indiana	2,047.1	214.9	44.46	2,784.4	227.6	50.95	2,788.1	113.8	24.38
Michigan	2,987.1	110.2	21.44	12,010.9	178.9	44.47	284.8	173.3	44.32
Ohio	1,747.3	181.1	29.84	13,802.0	167.1	39.42	3,746.2	154.3	35.84
Wisconsin	3,508.5	145.5	24.08	2,963.6	117.7	21.15	345.2	145.2	29.34
West North Central	**20,224.9**	**111.8**	**19.28**	**33,198.2**	**99.5**	**16.24**	**2,460.0**	**146.8**	**31.88**
Iowa	6,033.9	128.3	22.02	2,017.8	145.3	28.31	154.8	163.5	33.42
Kansas	6,823.0	93.3	15.85	1,157.1	166.0	34.09	-	-	-
Minnesota	5.0	147.8	21.16	11,172.3	100.8	17.34	297.5	100.3	17.45
Missouri	3,886.4	126.6	22.85	3,368.1	131.3	28.13	1,465.0	163.2	40.09
Nebraska	3,073.0	104.3	18.02	1,282.5	158.3	35.03	254.6	139.9	28.91
North Dakota	218.3	71.7	9.64	11,709.1	55.4	7.33	288.1	51.2	6.82
South Dakota	185.3	86.2	13.70	2,491.3	75.3	9.30	-	-	-
South Atlantic	**282.7**	**178.6**	**45.12**	**39,142.7**	**160.6**	**39.25**	**22,860.4**	**154.8**	**37.91**
Delaware	-	-	-	298.6	216.4	55.01	47.3	141.0	34.37
District of Columbia	-	-	-	-	-	-	-	-	-
Florida	-	-	-	920.9	188.7	45.52	1,473.5	196.8	48.08
Georgia	11.9	157.4	39.38	1,954.3	174.9	43.43	5,604.1	132.6	32.58
Maryland	-	-	-	811.7	173.3	44.31	881.0	144.1	35.62
North Carolina	241.8	180.0	45.34	16,867.9	156.7	38.53	6,095.5	156.0	37.99
South Carolina	-	-	-	1,601.2	151.3	37.02	3,876.6	158.8	39.59
Virginia	29.0	175.4	45.66	4,086.1	167.6	41.73	1,060.3	185.2	47.09
West Virginia	-	-	-	12,602.0	158.3	37.88	3,822.0	159.3	38.01
East South Central	**130.8**	**239.9**	**57.47**	**18,672.5**	**170.8**	**41.04**	**7,987.3**	**155.1**	**37.37**
Alabama	-	-	-	6,766.5	173.5	41.51	2,714.2	160.9	38.08
Kentucky	-	-	-	5,649.4	174.3	43.73	2,423.7	139.5	33.72
Mississippi	130.8	239.9	57.47	1,035.9	242.7	56.58	755.6	183.4	44.93
Tennessee	-	-	-	5,220.7	148.7	34.45	2,093.7	155.6	37.96
West South Central	**32,579.0**	**161.8**	**28.18**	**27,014.0**	**63.4**	**8.07**	**-**	**-**	**-**
Arkansas	3,275.1	133.6	22.72	-	-	-	-	-	-
Louisiana	2,067.9	195.5	31.36	-	-	-	-	-	-
Oklahoma	7,882.7	123.4	21.46	-	-	-	-	-	-
Texas	19,353.3	178.6	31.51	27,014.0	63.4	8.07	-	-	-
Mountain	**30,273.3**	**89.7**	**17.67**	**31,891.8**	**69.8**	**13.47**	**765.0**	**77.4**	**14.93**
Arizona	9,824.3	103.7	21.92	2,646.5	75.4	16.32	-	-	-
Colorado	9,227.4	85.7	16.82	1,978.3	85.0	18.46	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Montana	216.7	98.5	12.99	3,147.1	41.5	7.17	-	-	-
Nevada	781.1	136.7	31.06	3,734.1	98.1	21.52	-	-	-
New Mexico	-	-	-	11,622.5	55.9	9.88	-	-	-
Utah	3,134.0	112.2	25.37	2,064.0	116.2	27.10	-	-	-
Wyoming	7,089.8	49.8	8.16	6,699.3	60.9	11.36	765.0	77.4	14.93
Pacific	**1,070.5**	**141.2**	**23.15**	**4,400.0**	**96.0**	**15.54**	**400.0**	**98.3**	**15.92**
California	-	-	-	-	-	-	-	-	-
Oregon	1,070.5	141.2	23.15	-	-	-	-	-	-
Washington	-	-	-	4,400.0	96.0	15.54	400.0	98.3	15.92
Contiguous U.S.	**103,552.3**	**132.8**	**24.29**	**196,880.6**	**133.3**	**26.70**	**49,646.8**	**151.0**	**36.16**

Table 51. Coal Receipts and Average Cost by Sulfur Content, Census Region and State, 1980-Continued.

Census Region and State	More than 1.5% up to 2.0%			More than 2.0% up to 3.0%			More than 3.0%			All Purchases	
	Quantity 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	¢ per 10^6 Btu	$ per Ton
New England	**109.0**	**163.5**	**43.25**	**943.3**	**159.4**	**42.82**	**-**	**-**	**-**	**172.9**	**46.32**
Connecticut	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	194.6	52.06
New Hampshire	109.0	163.5	43.25	943.3	159.4	42.82	-	-	-	159.8	42.86
Rhode Island	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**16,920.3**	**125.7**	**30.78**	**20,217.2**	**133.5**	**32.50**	**4,085.0**	**183.4**	**43.11**	**137.2**	**33.36**
New Jersey	172.1	171.6	44.77	495.1	152.8	39.09	156.0	146.3	37.34	180.3	47.20
New York	2,171.8	151.5	37.43	2,316.6	143.0	35.65	111.2	141.0	33.77	147.2	36.26
Pennsylvania	14,576.5	121.2	29.62	17,405.4	131.6	31.89	3,817.9	186.3	43.62	132.9	32.10
East North Central	**6,910.9**	**131.8**	**30.13**	**34,540.8**	**126.4**	**28.84**	**52,529.5**	**129.4**	**28.46**	**146.7**	**32.30**
Illinois	1,278.6	136.6	31.18	7,935.0	130.3	29.09	9,540.9	128.0	26.21	161.6	33.29
Indiana	2,741.7	116.7	24.91	8,931.8	107.0	22.87	17,523.7	113.4	24.76	126.5	27.36
Michigan	214.7	172.9	43.66	6,029.4	130.1	31.78	617.9	132.1	32.77	156.4	37.57
Ohio	1,847.7	137.2	33.65	9,008.8	130.1	30.48	20,614.1	140.1	31.51	147.8	33.82
Wisconsin	828.2	145.9	34.43	2,635.6	154.4	36.00	4,233.0	143.5	33.43	141.7	29.09
West North Central	**996.9**	**151.4**	**35.40**	**5,281.2**	**106.3**	**23.60**	**15,334.4**	**117.5**	**25.21**	**110.0**	**20.05**
Iowa	15.8	172.3	42.86	1,076.1	151.8	32.01	1,408.4	153.2	33.02	138.7	25.85
Kansas	370.0	145.7	36.20	117.9	162.4	37.75	1,773.5	98.9	20.37	107.1	19.68
Minnesota	68.5	183.9	44.77	225.8	168.1	41.62	464.3	125.1	27.08	104.3	18.31
Missouri	542.5	150.5	33.46	3,861.4	88.5	19.76	11,688.2	115.6	24.93	118.8	25.32
Nebraska	-	-	-	-	-	-	-	-	-	124.2	23.36
North Dakota	-	-	-	-	-	-	-	-	-	55.6	7.36
South Dakota	-	-	-	-	-	-	-	-	-	76.3	9.61
South Atlantic	**16,005.3**	**158.4**	**38.52**	**17,583.0**	**144.9**	**34.49**	**8,514.1**	**119.6**	**28.94**	**153.1**	**37.22**
Delaware	529.4	144.1	35.81	207.6	142.2	34.86	-	-	-	163.9	40.86
District of Columbia	-	-	-	-	-	-	-	-	-	-	-
Florida	1,447.7	206.5	49.21	2,422.3	181.6	42.87	2,419.6	147.7	34.06	180.0	42.64
Georgia	5,520.7	163.2	39.56	7,877.6	147.5	33.64	338.0	133.1	28.42	150.0	35.71
Maryland	3,176.0	151.1	37.22	1,133.0	154.6	37.98	.3	90.1	19.66	153.8	38.09
North Carolina	173.2	154.4	38.95	48.5	148.2	36.13	6.9	152.2	36.54	156.7	38.46
South Carolina	1,720.3	155.9	38.94	890.5	150.1	37.33	7.8	146.4	35.30	155.7	38.69
Virginia	27.0	170.3	42.80	-	-	-	-	-	-	171.3	42.85
West Virginia	3,411.0	141.0	33.68	5,003.5	121.6	30.44	5,741.5	107.9	26.80	140.6	34.13
East South Central	**6,388.2**	**145.7**	**34.63**	**22,963.8**	**149.3**	**35.25**	**14,186.9**	**119.6**	**25.67**	**150.2**	**35.08**
Alabama	3,415.6	150.9	36.78	6,366.9	156.2	37.29	575.2	135.0	30.41	161.2	38.55
Kentucky	1,548.8	130.0	30.07	5,636.7	119.3	26.68	9,637.9	105.8	22.86	130.8	29.97
Mississippi	25.2	167.5	39.58	1,796.0	147.5	35.68	7.9	140.5	30.66	183.8	44.09
Tennessee	1,398.7	149.5	34.33	9,164.2	162.1	39.02	3,965.9	151.6	31.79	155.7	36.21
West South Central	**-**	**-**	**-**	**-**	**-**	**-**	**405.7**	**139.4**	**23.34**	**124.8**	**19.09**
Arkansas	-	-	-	-	-	-	-	-	-	133.6	22.72
Louisiana	-	-	-	-	-	-	-	-	-	195.5	31.36
Oklahoma	-	-	-	-	-	-	-	-	-	123.4	21.46
Texas	-	-	-	-	-	-	405.7	139.4	23.34	121.0	17.90
Mountain	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**79.6**	**15.51**
Arizona	-	-	-	-	-	-	-	-	-	97.6	20.73
Colorado	-	-	-	-	-	-	-	-	-	85.6	17.11
Idaho	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	44.4	7.54
Nevada	-	-	-	-	-	-	-	-	-	105.0	23.17
New Mexico	-	-	-	-	-	-	-	-	-	55.9	9.88
Utah	-	-	-	-	-	-	-	-	-	113.8	26.06
Wyoming	-	-	-	-	-	-	-	-	-	56.8	9.99
Pacific	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**104.4**	**16.96**
California	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	141.2	23.15
Washington	-	-	-	-	-	-	-	-	-	96.1	15.58
Contiguous U.S.	**47,330.6**	**141.0**	**33.95**	**101,529.2**	**135.7**	**31.86**	**95,055.7**	**127.6**	**28.17**	**135.1**	**28.76**

Table 52. Fuel Oil Receipts and Average Cost by Sulfur Content, Census Region and State, 1980

Census Region and State	0.3% or Less			More than 0.3% up to 0.5%			More than 0.5% up to 1.0%		
	Quantity 1000 Bbls	¢ per 10^6 Btu	$ per Bbl	Quantity 1000 Bbls	¢ per 10^6 Btu	$ per Bbl	Quantity 1000 Bbls	¢ per 10^6 Btu	$ per Bbl
New England	**477.0**	**484.0**	**29.96**	**21,241.0**	**469.3**	**28.94**	**19,004.3**	**421.3**	**26.29**
Connecticut	477.0	484.0	29.96	20,853.0	469.5	28.95	-	-	-
Maine	-	-	-	-	-	-	1,943.0	489.2	30.34
Massachusetts	-	-	-	388.0	458.2	28.23	15,627.2	415.4	25.92
New Hampshire	-	-	-	-	-	-	53.1	331.8	20.82
Rhode Island	-	-	-	-	-	-	1,381.0	397.1	24.97
Vermont	-	-	-	-	-	-	-	-	-
Middle Atlantic	**24,879.9**	**491.6**	**30.12**	**9,362.0**	**482.6**	**29.84**	**26,384.5**	**445.3**	**27.52**
New Jersey	9,087.0	504.3	30.87	1,000.0	462.3	28.58	1,043.9	415.4	25.76
New York	15,336.5	485.1	29.73	1,848.0	491.9	30.19	13,754.1	458.2	28.29
Pennsylvania	456.4	459.4	28.46	6,514.0	483.1	29.93	11,586.5	432.8	26.76
East North Central	**20.5**	**509.1**	**31.50**	**2,376.2**	**434.1**	**25.40**	**19,610.7**	**505.0**	**31.32**
Illinois	-	-	-	33.0	384.0	23.74	12,854.6	560.5	34.79
Indiana	-	-	-	-	-	-	-	-	-
Michigan	-	-	-	2,082.0	450.5	26.14	6,756.1	399.2	24.72
Ohio	20.5	509.1	31.50	261.2	318.1	19.71	-	-	-
Wisconsin	-	-	-	-	-	-	-	-	-
West North Central	**-**	**-**	**-**	**37.4**	**296.1**	**18.58**	**82.5**	**389.9**	**24.24**
Iowa	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	43.5	457.4	27.85
Minnesota	-	-	-	5.3	265.9	15.83	-	-	-
Missouri	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	10.7	288.6	18.18	39.1	317.9	20.22
North Dakota	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	21.4	306.8	19.46	-	-	-
South Atlantic	**420.7**	**406.4**	**25.74**	**238.2**	**425.3**	**26.45**	**47,815.7**	**417.3**	**26.10**
Delaware	-	-	-	10.8	448.0	27.91	5,169.6	430.8	27.00
District of Columbia	-	-	-	-	-	-	1,256.0	518.0	31.37
Florida	405.1	408.5	25.90	227.4	424.2	26.39	29,955.1	403.8	25.31
Georgia	15.6	350.3	21.63	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	4,914.0	438.1	27.32
North Carolina	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	6,521.0	434.3	27.05
West Virginia	-	-	-	-	-	-	-	-	-
East South Central	**-**	**-**	**-**	**-**	**-**	**-**	**.1**	**369.1**	**22.93**
Alabama	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	.1	369.1	22.93
Tennessee	-	-	-	-	-	-	-	-	-
West South Central	**32.1**	**480.9**	**29.23**	**483.1**	**523.1**	**31.23**	**5,687.0**	**351.1**	**21.95**
Arkansas	-	-	-	-	-	-	14.9	381.3	23.90
Louisiana	-	-	-	-	-	-	4,873.7	355.5	22.30
Oklahoma	-	-	-	-	-	-	-	-	-
Texas	32.1	480.9	29.23	483.1	523.1	31.23	798.4	322.9	19.81
Mountain	**281.3**	**439.9**	**26.33**	**761.9**	**447.2**	**27.02**	**3,032.5**	**383.3**	**23.93**
Arizona	13.8	444.8	27.35	147.9	500.2	30.21	1,227.9	450.0	27.84
Colorado	3.5	433.4	27.00	-	-	-	194.7	438.5	27.50
Idaho	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-
Nevada	184.0	441.8	26.35	555.0	441.7	26.57	1,521.9	323.4	20.35
New Mexico	80.0	435.2	26.07	-	-	-	88.0	382.9	23.32
Utah	-	-	-	59.0	369.3	23.27	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-
Pacific	**40,750.2**	**505.6**	**30.85**	**29,058.5**	**506.7**	**31.49**	**1,159.6**	**402.2**	**25.40**
California	40,750.2	505.6	30.85	29,058.5	506.7	31.49	1,146.7	403.7	25.50
Oregon	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	12.9	267.6	16.47
Contiguous U.S.	**66,861.6**	**499.3**	**30.52**	**63,558.3**	**487.1**	**30.08**	**122,776.9**	**433.8**	**27.01**

NOTE: Kerosene, jet fuel, and FO2, have been omitted from this table.

Table 52. Fuel Oil Receipts and Average Cost by Sulfur Content, Census Region and State, 1980-Continued.

Census Region and State	More than 1.0% up to 2.0%			More than 2.0% up to 3.0%			More than 3.0%			All Purchases	
	Quantity 1000 Bbls	¢ per 10^6 Btu	$ per Bbl	Quantity 1000 Bbls	¢ per 10^6 Btu	$ per Bbl	Quantity 1000 Bbls	¢ per 10^6 Btu	$ per Bbl	¢ per 10^6 Btu	$ per Bbl
New England	**10,925.2**	**374.5**	**23.48**	**22,696.5**	**365.0**	**22.95**	**290.0**	**312.0**	**19.65**	**410.6**	**25.61**
Connecticut	-	-	-	-	-	-	-	-	-	469.9	28.97
Maine	143.5	396.8	25.03	1,358.4	370.6	23.35	-	-	-	438.1	27.36
Massachusetts	7,581.3	368.3	23.12	20,921.6	365.4	22.98	290.0	312.0	19.65	383.7	24.05
New Hampshire	3,200.4	388.2	24.26	416.5	325.8	20.30	-	-	-	380.3	23.76
Rhode Island	-	-	-	-	-	-	-	-	-	397.1	24.97
Vermont	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**16,158.6**	**395.6**	**24.66**	**13,408.3**	**347.1**	**21.93**	**-**	**-**	**-**	**438.0**	**27.14**
New Jersey	1,420.8	376.2	23.48	26.4	601.7	37.60	-	-	-	479.0	29.45
New York	14,561.8	396.0	24.69	13,381.9	346.6	21.90	-	-	-	424.9	26.38
Pennsylvania	176.0	513.5	32.29	-	-	-	-	-	-	451.7	27.96
East North Central	**604.1**	**388.0**	**24.81**	**-**	**-**	**-**	**-**	**-**	**-**	**494.7**	**30.53**
Illinois	-	-	-	-	-	-	-	-	-	560.0	34.76
Indiana	-	-	-	-	-	-	-	-	-	-	-
Michigan	179.5	394.1	25.28	-	-	-	-	-	-	410.3	25.06
Ohio	359.1	377.7	24.14	-	-	-	-	-	-	357.9	22.57
Wisconsin	65.5	428.0	27.20	-	-	-	-	-	-	428.0	27.20
West North Central	**821.4**	**384.5**	**24.39**	**1.4**	**216.2**	**13.61**	**-**	**-**	**-**	**381.3**	**24.13**
Iowa	-	-	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	457.4	27.85
Minnesota	337.5	446.4	28.31	-	-	-	-	-	-	443.8	28.12
Missouri	378.2	345.7	21.96	1.4	216.2	13.61	-	-	-	345.2	21.93
Nebraska	105.6	325.9	20.58	-	-	-	-	-	-	321.3	20.32
North Dakota	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	306.8	19.46
South Atlantic	**22,594.1**	**376.6**	**23.77**	**32,477.6**	**336.2**	**21.20**	**-**	**-**	**-**	**382.8**	**24.05**
Delaware	412.5	405.3	25.61	181.0	369.7	23.32	-	-	-	427.0	26.79
District of Columbia	208.0	450.7	28.12	-	-	-	-	-	-	508.2	30.91
Florida	13,420.9	370.3	23.43	26,774.1	335.0	21.15	-	-	-	371.4	23.39
Georgia	75.7	388.5	24.36	640.9	342.1	21.43	-	-	-	347.1	21.73
Maryland	3,161.0	403.4	25.18	466.2	362.2	22.54	-	-	-	421.1	26.27
North Carolina	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	2,043.4	344.1	21.53	-	-	-	344.1	21.53
Virginia	5,316.0	371.5	23.49	2,372.0	333.4	20.99	-	-	-	393.7	24.71
West Virginia	-	-	-	-	-	-	-	-	-	-	-
East South Central	**239.3**	**291.1**	**18.39**	**4,415.4**	**303.4**	**19.12**	**404.8**	**303.7**	**19.15**	**302.8**	**19.09**
Alabama	-	-	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-	-	-
Mississippi	239.3	291.1	18.39	4,415.4	303.4	19.12	404.8	303.7	19.15	302.8	19.09
Tennessee	-	-	-	-	-	-	-	-	-	-	-
West South Central	**3,874.5**	**344.7**	**21.66**	**416.8**	**318.9**	**20.11**	**-**	**-**	**-**	**355.4**	**22.22**
Arkansas	2,693.3	336.6	21.15	416.8	318.9	20.11	-	-	-	334.4	21.02
Louisiana	1,127.5	366.4	23.02	-	-	-	-	-	-	357.6	22.43
Oklahoma	-	-	-	-	-	-	-	-	-	-	-
Texas	53.7	299.0	19.19	-	-	-	-	-	-	395.0	24.04
Mountain	**441.4**	**348.9**	**22.26**	**-**	**-**	**-**	**-**	**-**	**-**	**393.8**	**24.44**
Arizona	192.0	363.0	23.27	-	-	-	-	-	-	443.7	27.51
Colorado	-	-	-	-	-	-	-	-	-	438.4	27.49
Idaho	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-
Nevada	246.3	337.0	21.43	-	-	-	-	-	-	358.4	22.27
New Mexico	3.1	423.9	25.31	-	-	-	-	-	-	407.9	24.64
Utah	-	-	-	-	-	-	-	-	-	369.3	23.27
Wyoming	-	-	-	-	-	-	-	-	-	-	-
Pacific	**793.2**	**350.1**	**22.19**	**-**	**-**	**-**	**-**	**-**	**-**	**502.5**	**30.92**
California	563.4	346.9	21.94	-	-	-	-	-	-	503.1	30.95
Oregon	-	-	-	-	-	-	-	-	-	-	-
Washington	229.8	358.2	22.81	-	-	-	-	-	-	353.5	22.47
Contiguous U.S.	**56,451.7**	**378.7**	**23.79**	**73,416.1**	**345.0**	**21.74**	**694.8**	**307.1**	**19.36**	**428.1**	**26.64**

NOTE: Kerosene, jet fuel, and FO2, have been omitted from this table.

4. Coal, Origin-by-Destination by Bureau of Mines, Coal Producing District, and State, 1980

The percentages shown under the heading "Pct of Recpt" 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 opposed to coal purchased under contract). The sum of the two columns should not equal 100 percent.

See page 205 of the "Technical Notes" for further information.

Table 53. Origin and Destination of Coal Receipts to Steam-Electric Units 25 MW or Greater, 1980

Coal Source				Pct of Receipts			Avg Wt Pct		
USBM Dist	State	Destination State	Receipts 1000 Tons	Surface	Spot	Average Heat Value Btu/lb	Sulfur	Ash	Average Recpt. Cost $/Ton
E Pennsylvania	Maryland	Maryland	865.0	100.0	18.4	12170	1.75	14.4	36.57
		New York	7.4	100.0	100.0	10563	2.97	20.4	28.56
		Pennsylvania	184.1	100.0	1.6	12422	2.08	12.7	35.58
		W Virginia	94.0	11.7	100.0	11992	1.56	15.8	25.52
E Pennsylvania.....	**Maryland**	**Total**	**1150.5**	**92.8**	**22.9**	**12186**	**1.80**	**14.2**	**35.45**
E Pennsylvania	Pennsylvania	Delaware	846.1	94.7	55.6	12441	1.71	12.1	37.57
		Maryland	4027.9	94.3	18.1	12375	1.71	13.1	37.28
		Massachusetts	100.2	71.0	100.0	13080	1.26	8.6	50.17
		Michigan	542.0	100.0	4.6	12743	2.76	9.2	37.63
		New Hampshire	99.4	100.0	100.0	13095	2.50	7.1	42.57
		New Jersey	483.3	78.0	14.2	12968	1.35	10.5	44.15
		New York	5541.0	82.4	44.1	12220	1.84	13.4	34.87
		Ohio	0.1	100.0	100.0	12623	0.70	9.3	42.67
		Pennsylvania	28253.6	40.3	23.7	12206	1.95	15.3	31.66
		W Virginia	0.1	100.0	100.0	12373	0.94	14.4	31.63
		Wisconsin	870.2	100.0	5.6	12631	2.98	10.0	38.93
E Pennsylvania.....	**Pennsylvania**	**Total**	**40763.9**	**55.2**	**26.2**	**12259**	**1.93**	**14.4**	**33.23**
E Pennsylvania	W Virginia	W Virginia	2466.0	31.9	2.9	11749	1.86	17.5	33.08
E Pennsylvania.....	**W Virginia**	**Total**	**2466.0**	**31.9**	**2.9**	**11749**	**1.86**	**17.5**	**33.08**
E Pennsylvania.....		**Total**	**44380.4**	**54.9**	**24.8**	**12229**	**1.92**	**14.6**	**33.28**
W Pennsylvania		Delaware	41.0	100.0	33.9	12346	2.13	13.1	34.23
		Kentucky	0.1	50.0	100.0	11170	0.70	11.8	22.05
		Maryland	139.0	56.8	100.0	12451	1.78	12.6	36.63
		Michigan	235.5	100.0	23.2	12698	1.57	9.3	43.39
		Minnesota	1.0	33.0	100.0	12300	2.40	11.0	46.76
		New Hampshire	41.0	100.0	1.0	12746	1.83	9.1	41.32
		New Jersey	69.2	0.0	63.9	13267	1.28	7.3	50.23
		New York	108.2	100.0	100.0	12706	2.21	10.5	35.85
		Ohio	2252.6	64.7	70.0	12319	2.25	11.7	33.32
		Pennsylvania	6169.6	77.6	36.7	11875	2.18	14.7	30.07
		W Virginia	6.9	100.0	1.6	12053	0.99	11.9	25.54
		Wisconsin	136.7	100.0	95.2	12300	2.39	10.7	36.71
W Pennsylvania.....		**Total**	**9200.8**	**74.9**	**47.1**	**12046**	**2.17**	**13.6**	**31.69**
N West Virginia		Maryland	970.0	48.8	49.5	12571	1.23	11.3	43.01
		Massachusetts	246.5	36.8	100.0	13233	1.09	8.3	50.34
		Michigan	3083.0	33.1	0.9	12795	2.61	10.3	30.12
		New Hampshire	911.9	15.9	0.0	13472	2.58	7.8	42.96
		New Jersey	1309.0	76.2	12.0	12934	2.03	10.1	43.24
		New York	309.5	9.7	58.0	12838	2.52	9.4	39.45
		Ohio	769.9	100.0	35.9	11767	0.91	14.7	36.09
		Pennsylvania	3737.7	23.8	7.0	12422	2.59	12.1	29.73
		Virginia	46.0	0.0	100.0	13060	0.57	9.6	46.25
		W Virginia	10512.1	41.4	6.7	12557	2.37	11.5	32.56
		Wisconsin	223.2	31.6	26.3	12305	2.92	11.7	39.39
N West Virginia		**Total**	**22118.9**	**39.9**	**11.0**	**12610**	**2.32**	**11.2**	**33.77**
Ohio.....		Alabama	2441.5	100.0	0.0	11545	2.30	12.3	37.09
		Georgia	43.4	100.0	100.0	11015	2.91	13.1	30.57
		Indiana	924.5	100.0	100.0	10864	3.36	13.5	25.40
		Kentucky	298.5	100.0	5.6	11393	2.41	14.7	31.40
		Michigan	1978.0	13.7	4.3	11359	2.42	11.2	31.02
		Minnesota	5.1	0.0	0.0	13000	2.40	7.3	55.67
		New York	7.1	100.0	100.0	12260	2.52	7.3	36.49
		Ohio	25272.6	64.3	21.1	11286	3.61	14.2	31.54
		Pennsylvania	2698.7	9.6	1.8	11894	3.57	13.0	49.30
		Tennessee	135.9	100.0	0.0	11594	2.25	12.2	42.33
		W Virginia	246.7	100.0	0.0	11389	2.80	15.6	29.13
		Wisconsin	272.0	100.0	12.4	12346	3.54	6.5	36.63
Ohio		**Total**	**34323.9**	**61.6**	**18.9**	**11357**	**3.41**	**13.7**	**33.21**
Panhandle	W Virginia	Ohio	3237.7	45.2	1.4	12229	3.63	10.1	30.57
		Virginia	1.0	100.0	100.0	12697	0.63	11.3	45.89
		W Virginia	3015.2	0.0	0.0	12068	4.25	13.3	22.61
Panhandle		**Total**	**6253.9**	**23.4**	**0.7**	**12151**	**3.93**	**11.7**	**26.73**
Southern No 1.....	Virginia	Kentucky	9.1	0.0	0.0	12087	0.70	13.8	41.34
		Massachusetts	58.0	0.0	100.0	13712	1.13	4.8	54.30
		Michigan	27.0	100.0	100.0	13361	0.84	8.2	44.79
		New Jersey	2.0	50.0	100.0	13292	1.07	7.9	52.43
		N Carolina	54.1	12.3	93.3	12074	0.96	16.0	33.47
		Ohio	4.8	0.0	100.0	13236	0.60	7.3	46.41
		S Carolina	0.4	33.0	100.0	11950	1.36	18.5	35.95
		Virginia	641.8	45.4	9.5	11944	0.87	15.0	37.83

Table 53. Origin and Destination of Coal Receipts to Steam-Electric —Cont.

Coal Source				Pct of Receipts			Avg Wt Pct		
USBM Dist	State	Destination State	Receipts 1000 Tons	Surface	Spot	Average Heat Value Btu/lb	Sulfur	Ash	Average Recpt. Cost $/Ton
		W Virginia	111.9	40.7	0.0	11533	0.92	16.7	38.37
Southern No 1.....	**Virginia**	**Total**	**909.0**	**40.9**	**22.4**	**12067**	**0.89**	**14.3**	**39.00**
Southern No 1.....	W Virginia	Alabama	318.0	0.0	0.0	12393	2.16	12.6	39.09
		Kentucky	350.8	81.9	0.0	12785	0.78	9.7	50.43
		Massachusetts	26.6	0.0	100.0	13924	1.11	6.1	56.25
		New Jersey	76.0	0.0	0.0	13618	1.42	6.1	52.31
		N Carolina	60.1	57.4	36.4	12582	0.89	12.6	35.92
		Ohio	173.4	83.3	100.0	12737	0.72	9.4	37.22
		Tennessee	175.5	13.1	0.0	12191	2.29	13.1	40.41
		Virginia	38.5	23.4	49.4	12969	0.75	10.3	37.29
Southern No 1.....	**W Virginia**	**Total**	**1218.8**	**40.9**	**19.8**	**12663**	**1.40**	**10.8**	**43.26**
Southern No 1.....		**Total**	**2127.9**	**40.9**	**20.9**	**12408**	**1.19**	**12.3**	**41.44**
Southern No 2.....	Kentucky	Alabama	619.9	41.4	28.8	12644	1.21	8.8	45.38
		Florida	1892.4	51.3	4.1	12098	1.58	9.2	50.75
		Georgia	9769.1	85.7	29.3	12363	1.48	11.2	36.66
		Illinois	710.6	90.9	0.0	12670	0.81	7.8	56.44
		Indiana	10.1	100.0	100.0	11357	2.04	12.1	28.07
		Kentucky	8526.7	64.3	23.5	12148	1.24	10.5	37.48
		Massachusetts	77.3	0.0	100.0	13708	1.17	4.7	54.15
		Michigan	10712.6	67.5	22.6	12529	0.80	9.1	44.87
		Mississippi	724.6	67.0	0.0	12232	1.11	10.9	44.88
		Missouri	179.9	22.6	36.1	12580	1.13	9.1	41.98
		New Jersey	48.4	72.1	100.0	13373	0.76	5.1	62.65
		New York	395.0	100.0	0.0	13209	1.24	4.5	53.60
		N Carolina	11778.9	38.1	18.8	12209	0.98	10.5	39.60
		Ohio	11340.1	58.4	32.5	11867	0.90	12.5	38.65
		Pennsylvania	183.0	100.0	0.0	12290	0.94	9.3	42.76
		S Carolina	7223.1	32.1	27.7	12419	1.41	10.5	38.85
		Tennessee	5115.4	77.1	0.0	11484	0.96	14.0	33.52
		Virginia	1662.0	59.4	49.2	12715	1.05	9.4	46.01
		W Virginia	2968.6	83.6	0.0	11720	0.99	12.3	38.12
		Wisconsin	0.3	0.0	100.0	12449	1.68	6.8	35.01
Southern No 2.....	**Kentucky**	**Total**	**73937.9**	**60.8**	**22.2**	**12193**	**1.10**	**10.9**	**39.84**
Southern No 2.....	Tennessee	Alabama	705.0	83.2	90.3	11859	1.95	13.1	35.11
		Florida	108.4	87.9	59.7	12073	1.45	10.2	46.40
		Georgia	1594.6	38.5	5.7	12334	1.12	10.6	43.85
		Kentucky	4.0	100.0	100.0	11856	1.87	14.8	25.13
		Michigan	39.1	99.1	100.0	12697	0.83	8.8	45.44
		New Jersey	0.4	0.0	100.0	13443	1.04	7.1	56.11
		N Carolina	691.2	26.4	30.4	12269	1.17	11.6	38.40
		Ohio	9.6	100.0	100.0	13454	0.67	4.7	47.94
		S Carolina	167.3	54.3	77.8	12386	1.65	10.5	37.15
		Tennessee	3977.7	42.7	0.1	12223	1.61	12.0	40.06
Southern No 2.....	**Tennessee**	**Total**	**7297.3**	**45.5**	**16.3**	**12222**	**1.49**	**11.7**	**40.31**
Southern No 2.....	Virginia	Alabama	20.1	100.0	0.0	12040	2.25	13.4	44.04
		Florida	51.0	0.0	0.0	13769	0.70	7.2	56.74
		Georgia	275.9	100.0	100.0	12336	1.06	11.7	39.39
		Kentucky	654.7	0.0	0.0	13443	0.63	6.3	59.52
		Massachusetts	124.9	0.0	100.0	13416	1.22	7.1	53.74
		Michigan	151.0	100.0	100.0	13332	0.81	7.3	46.45
		Missouri	788.0	0.0	8.0	12445	1.26	10.0	44.66
		New Jersey	527.7	67.7	1.3	13457	1.20	6.9	57.09
		N Carolina	6920.9	42.8	5.0	12361	0.96	12.6	37.56
		Ohio	239.2	4.4	69.6	12429	0.70	10.4	42.68
		Pennsylvania	0.5	67.0	100.0	13032	0.52	3.9	35.60
		S Carolina	672.2	56.6	18.1	12436	1.35	11.8	37.44
		Tennessee	366.3	6.5	0.0	12354	1.51	12.0	36.16
		Virginia	2058.5	24.1	24.8	12403	0.80	13.9	41.17
		W Virginia	9.2	78.3	0.0	11363	0.94	17.8	39.87
Southern No 2.....	**Virginia**	**Total**	**12860.1**	**36.4**	**13.7**	**12503**	**0.98**	**11.8**	**40.93**
Southern No 2.....	W Virginia	Delaware	195.9	21.3	18.7	12570	0.71	10.2	56.45
		Florida	10.3	0.0	0.0	12420	0.62	7.9	43.17
		Kentucky	0.1	0.0	100.0	11719	0.99	12.8	33.00
		Michigan	846.0	100.0	27.8	13130	0.96	7.3	47.91
		New Jersey	4.8	20.8	100.0	13461	0.87	6.0	52.82
		N Carolina	3928.7	21.4	10.8	12283	0.85	12.5	36.71
		Ohio	4046.0	39.2	29.1	11770	0.75	12.3	40.41
		Pennsylvania	78.9	46.8	53.2	11614	3.33	15.7	29.97
		S Carolina	33.4	0.0	100.0	12826	1.48	9.3	37.15
		Virginia	754.6	33.5	51.4	12751	0.76	9.1	44.82
		W Virginia	11149.3	32.4	4.1	11975	0.76	13.2	38.04

Table 53. Origin and Destination of Coal Receipts to Steam-Electric —Cont.

Coal Source				Pct of Receipts			Avg Wt Pct		
USBM Dist	State	Destination State	Receipts 1000 Tons	Surface	Spot	Average Heat Value Btu/lb	Sulfur	Ash	Average Recpt. Cost $/Ton
		Wisconsin	9.6	100.0	0.0	11650	0.59	12.9	31.01
Southern No 2	**W Virginia**	**Total**	**21057.6**	**34.3**	**13.3**	**12073**	**0.79**	**12.5**	**39.03**
Southern No 2		**Total**	**115152.8**	**52.3**	**19.3**	**12207**	**1.06**	**11.3**	**39.84**
W Kentucky		Alabama	1028.3	2.3	0.0	11987	3.21	9.7	36.46
		Florida	2960.8	63.9	13.6	11642	2.89	10.9	35.02
		Georgia	3029.9	58.6	0.0	11614	2.54	9.7	36.73
		Illinois	440.8	100.0	23.1	11246	2.19	10.2	31.66
		Indiana	2696.0	100.0	63.1	11208	4.28	14.2	22.38
		Kentucky	12032.2	67.0	9.9	10950	3.54	14.1	23.68
		Michigan	458.3	43.7	96.3	12453	2.86	8.3	37.09
		Minnesota	2.5	36.0	100.0	11764	1.84	8.7	35.23
		Mississippi	645.9	100.0	100.0	11796	2.61	9.0	35.39
		Missouri	279.2	100.0	0.3	11222	3.00	9.6	28.54
		Ohio	1161.6	100.0	0.7	11297	2.69	12.0	27.05
		Tennessee	10890.7	7.3	0.0	11476	3.14	12.1	36.21
		Wisconsin	2815.6	86.4	1.6	11982	3.21	8.7	35.31
W Kentucky		**Total**	**38441.7**	**53.1**	**11.8**	**11374**	**3.25**	**12.1**	**30.82**
Illinois		Alabama	150.3	100.0	63.6	11530	1.97	9.1	34.03
		Colorado	19.6	100.0	0.0	10966	0.38	8.6	28.40
		Florida	2124.4	40.2	4.5	11758	2.44	10.0	44.02
		Georgia	4799.0	83.5	0.0	11191	2.51	10.1	33.02
		Illinois	18168.7	40.2	8.7	10685	3.06	11.4	27.63
		Indiana	7422.1	11.8	0.3	10582	2.73	11.4	28.01
		Iowa	1641.7	87.0	26.0	10864	2.94	9.2	30.94
		Kansas	73.5	0.0	0.0	11248	2.34	11.7	40.06
		Kentucky	231.2	0.0	0.0	9856	2.78	19.2	26.22
		Michigan	613.5	93.4	78.8	11669	2.60	9.7	36.89
		Minnesota	713.3	53.5	6.8	11362	2.98	9.8	32.31
		Mississippi	488.6	100.0	2.8	12265	2.69	9.1	26.42
		Missouri	13067.3	81.9	6.0	10972	2.60	9.9	23.45
		Tennessee	519.0	0.3	0.0	11605	2.53	10.6	34.54
		Wisconsin	3363.7	54.1	9.2	11069	2.67	9.4	32.30
Illinois	**Illinois**	**Total**	**53395.9**	**53.6**	**7.2**	**10902**	**2.78**	**10.6**	**28.45**
Indiana		Alabama	3.2	100.0	0.0	11039	1.90	9.1	30.82
		Georgia	1357.3	100.0	0.3	11062	1.61	9.1	26.18
		Illinois	689.2	97.7	63.8	11015	1.64	9.5	29.01
		Indiana	21230.0	99.5	6.1	10844	2.78	10.7	23.07
		Kentucky	2789.3	100.0	10.7	11049	2.59	9.5	24.75
		Michigan	32.7	100.0	100.0	12023	3.26	8.5	29.90
		Mississippi	46.0	100.0	0.0	11926	1.71	9.2	43.25
		Missouri	244.0	100.0	0.0	11000	1.22	9.0	34.14
		Ohio	6.2	100.0	100.0	11248	3.00	12.9	19.70
		Tennessee	662.8	100.0	0.0	11107	1.94	9.1	32.93
		Wisconsin	205.1	100.0	100.0	11067	3.89	9.9	31.52
Indiana		**Total**	**27265.8**	**99.5**	**8.4**	**10893**	**2.65**	**10.4**	**23.99**
Iowa		Iowa	414.1	60.7	18.7	9798	3.15	13.3	29.27
Iowa		**Total**	**414.1**	**60.7**	**18.7**	**9798**	**3.15**	**13.3**	**29.27**
Southeastern	Alabama	Alabama	14233.3	61.4	18.0	11989	1.34	13.1	38.96
		Florida	468.8	53.4	22.6	12194	2.23	11.9	47.20
		Georgia	437.4	100.0	0.0	12263	1.71	12.5	35.08
		Mississippi	686.6	100.0	18.7	12270	2.40	13.2	42.69
Southeastern	**Alabama**	**Total**	**15826.1**	**63.9**	**17.6**	**12015**	**1.43**	**13.0**	**39.25**
Southeastern	Georgia	New Jersey	5.1	100.0	41.2	13739	0.89	5.8	59.10
Southeastern	**Georgia**	**Total**	**5.1**	**100.0**	**41.2**	**13739**	**0.89**	**5.8**	**59.10**
Southeastern	Tennessee	Alabama	318.8	61.8	59.1	12168	0.92	12.5	33.99
		Minnesota	26.9	42.6	4.3	11822	1.92	13.4	42.27
Southeastern	**Tennessee**	**Total**	**345.7**	**60.4**	**54.9**	**12141**	**1.00**	**12.5**	**34.63**
Southeastern		**Total**	**16176.9**	**63.8**	**18.4**	**12018**	**1.42**	**13.0**	**39.16**
Arkansas-Okla	Oklahoma	Florida	19.6	100.0	100.0	12451	2.91	11.4	36.76
		Iowa	15.5	100.0	100.0	13156	3.48	10.3	37.32
		Minnesota	11.3	100.0	100.0	12602	2.87	10.0	44.46
		Missouri	152.0	100.0	2.0	13409	1.41	6.1	44.47
Arkansas-Okla		**Total**	**198.4**	**100.0**	**24.9**	**13248**	**1.80**	**7.2**	**43.15**
Southwestern	Kansas	Kansas	132.9	100.0	84.2	12143	3.97	13.7	30.39
		Missouri	595.2	100.0	17.0	11529	3.96	15.0	34.06
Southwestern	**Kansas**	**Total**	**728.1**	**100.0**	**29.3**	**11641**	**3.96**	**14.8**	**33.39**
Southwestern	Missouri	Illinois	22.3	100.0	44.7	10636	3.33	12.0	25.87
		Iowa	326.2	100.0	0.0	10224	3.65	11.5	43.43
		Kansas	1330.8	100.0	0.0	9685	5.36	24.5	16.65
		Missouri	3322.1	99.2	10.0	10061	5.20	19.4	23.32
Southwestern	**Missouri**	**Total**	**5001.4**	**99.5**	**6.9**	**9974**	**5.14**	**20.2**	**22.87**

Table 53. Origin and Destination of Coal Receipts to Steam-Electric —Cont.

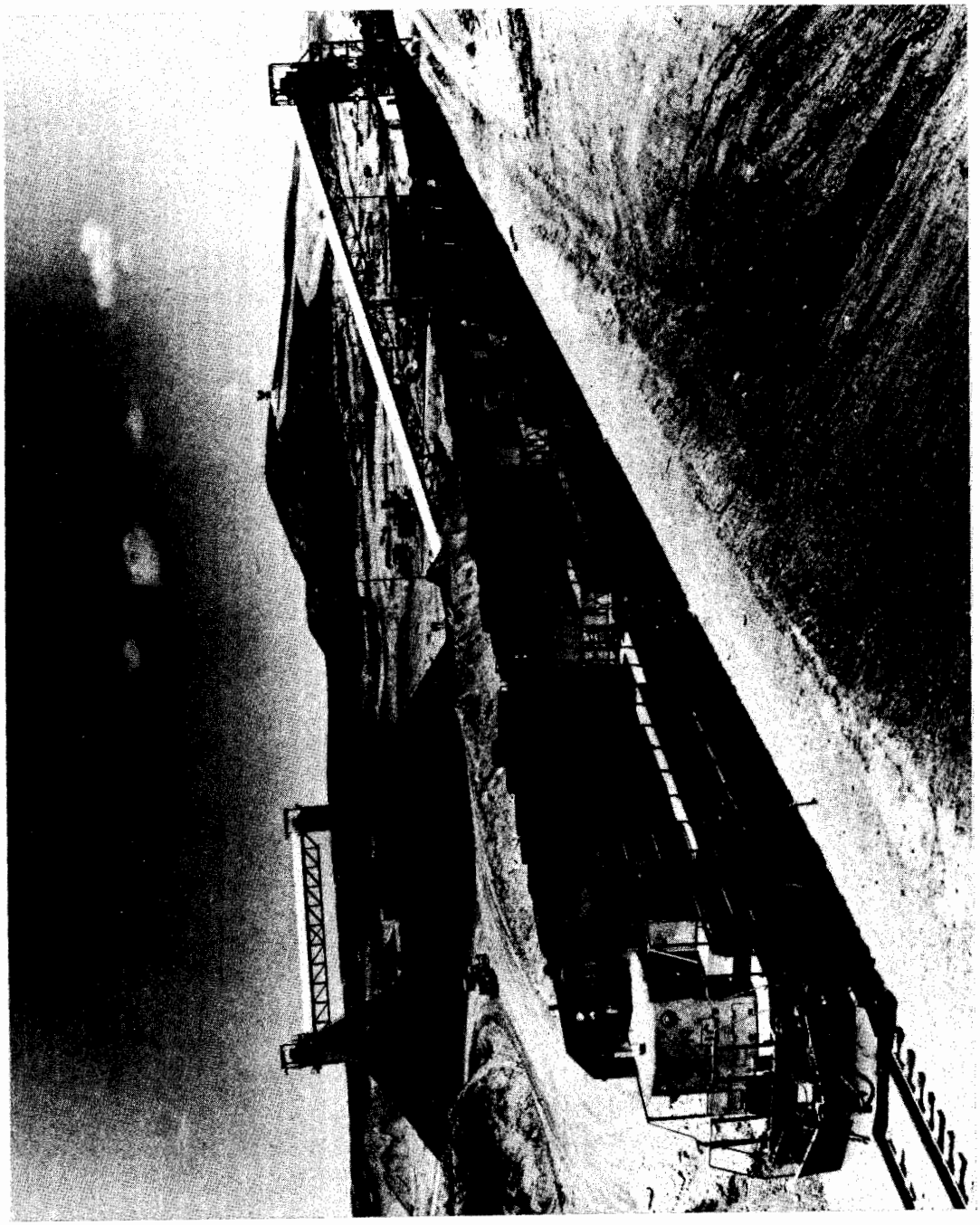
Coal Source				Pct of Receipts			Avg Wt Pct		
USBM Dist	State	Destination State	Receipts 1000 Tons	Surface	Spot	Average Heat Value Btu/lb	Sulfur	Ash	Average Recpt. Cost $/Ton
Southwestern	Oklahoma	Florida	45.7	100.0	76.1	12284	1.01	8.7	41.71
		Iowa	104.5	47.5	100.0	12488	3.60	10.6	37.90
		Kansas	724.2	100.0	23.3	12286	2.58	11.1	34.29
		Missouri	1583.5	100.0	8.0	11579	4.56	14.5	26.76
		Wisconsin	0.6	100.0	100.0	13275	2.60	8.2	44.42
Southwestern	**Oklahoma**	**Total**	**2458.5**	**97.8**	**17.7**	**11840**	**3.87**	**13.2**	**29.73**
Southwestern	Texas	Texas	27014.0	100.0	0.0	6361	0.72	11.8	8.07
Southwestern	**Texas**	**Total**	**27014.0**	**100.0**	**0.0**	**6361**	**0.72**	**11.8**	**8.07**
Southwestern		**Total**	**35202.1**	**99.8**	**2.8**	**7366**	**1.63**	**13.1**	**12.21**
N Colorado		Illinois	892.2	100.0	6.3	10929	0.65	10.5	43.11
		Iowa	289.6	12.6	12.6	10366	0.44	7.7	48.72
		Missouri	476.0	100.0	0.0	10700	0.30	7.5	39.63
		Nebraska	102.1	100.0	74.9	10982	0.23	6.9	33.97
N Colorado		**Total**	**1759.9**	**85.6**	**9.6**	**10778**	**0.50**	**9.0**	**42.56**
S Colorado	Colorado	Colorado	7974.1	94.8	2.4	10539	0.46	9.1	17.99
		Illinois	698.4	0.0	7.2	12152	0.57	8.7	43.45
		Indiana	742.6	0.0	0.0	11276	0.41	7.3	49.49
		Iowa	64.1	100.0	14.8	10580	0.45	6.3	42.08
		Kansas	250.7	100.0	0.0	10724	0.62	10.6	34.64
		Mississippi	754.6	0.0	0.0	11530	0.56	9.6	55.05
		Missouri	257.0	100.0	0.0	10500	0.30	4.9	38.30
		Nebraska	82.2	100.0	26.2	10802	0.65	10.7	39.14
		Texas	982.7	100.0	0.0	10555	0.36	6.5	43.88
S Colorado	**Colorado**	**Total**	**11806.4**	**77.9**	**2.3**	**10751**	**0.47**	**8.7**	**27.07**
S Colorado	New Mexico	Arizona	437.6	100.0	0.0	12269	0.48	14.0	41.21
S Colorado	**New Mexico**	**Total**	**437.6**	**100.0**	**0.0**	**12269**	**0.48**	**14.0**	**41.21**
S Colorado		**Total**	**12244.0**	**78.7**	**2.2**	**10805**	**0.47**	**8.9**	**27.58**
New Mexico	Arizona	Arizona	7190.3	100.0	0.0	10853	0.48	9.6	14.55
		Nevada	3263.0	100.0	0.0	10918	0.55	10.3	19.69
New Mexico	**Arizona**	**Total**	**10453.3**	**100.0**	**0.0**	**10873**	**0.50**	**9.8**	**16.15**
New Mexico	New Mexico	Arizona	4379.3	100.0	17.9	10015	0.46	13.6	26.88
		Missouri	224.0	100.0	15.6	10200	0.67	12.5	39.55
		Nevada	310.0	100.0	0.0	10906	0.53	10.3	21.75
		New Mexico	11622.5	100.0	0.2	8848	0.72	21.3	9.88
New Mexico	**New Mexico**	**Total**	**16535.8**	**100.0**	**5.1**	**9214**	**0.65**	**18.9**	**15.01**
New Mexico		**Total**	**26989.1**	**100.0**	**3.1**	**9856**	**0.59**	**15.4**	**15.45**
Wyoming	Wyoming	Arkansas	3275.1	100.0	0.0	8504	0.38	5.8	22.72
		Colorado	3212.0	100.0	0.0	8641	0.37	5.3	14.87
		Illinois	10572.0	100.0	0.0	9511	0.49	7.8	38.94
		Indiana	1560.8	76.8	0.0	10669	0.65	9.1	42.91
		Iowa	7643.8	97.1	1.2	8835	0.45	7.4	22.65
		Kansas	7729.4	100.0	0.0	8688	0.36	5.9	17.97
		LA	2067.9	100.0	0.0	8019	0.44	5.9	31.36
		Missouri	3643.5	100.0	4.2	8872	0.38	6.6	21.48
		Nebraska	3948.5	100.0	26.3	9012	0.51	6.3	20.13
		Ohio	2252.4	100.0	0.0	8160	0.53	5.9	29.84
		Oklahoma	7882.7	100.0	0.0	8696	0.38	5.5	21.46
		Oregon	1070.5	100.0	0.0	8196	0.35	4.9	23.15
		S Dakota	222.9	100.0	0.0	7937	0.46	6.7	13.45
		Texas	16053.6	100.0	0.0	8605	0.45	5.5	28.89
		Wisconsin	4042.1	100.0	0.0	8581	0.41	5.9	24.00
		Wyoming	14554.0	100.0	2.1	8795	0.56	9.3	9.99
Wyoming	**Wyoming**	**Total**	**89731.1**	**99.3**	**1.8**	**8807**	**0.46**	**6.8**	**23.47**
Utah		Arizona	463.6	14.3	0.0	11212	0.47	9.4	39.27
		Indiana	1073.8	0.0	0.0	12119	0.56	7.9	73.82
		Mississippi	405.1	0.0	0.0	11987	0.52	7.8	59.93
		Nebraska	436.0	0.0	22.5	12296	0.86	8.1	47.32
		Nevada	942.2	0.0	100.0	11501	0.53	11.1	35.71
		Utah	5198.0	0.0	0.0	11450	0.50	11.4	26.06
Utah	**Utah**	**Total**	**8518.7**	**0.8**	**12.2**	**11596**	**0.53**	**10.5**	**36.56**
The Dakotas	N Dakota	Minnesota	735.6	100.0	2.1	6982	0.68	7.3	14.45
		N Dakota	12215.5	100.0	17.0	6617	0.65	9.8	7.36
		S Dakota	2453.7	100.0	0.0	6151	0.72	8.0	9.26
The Dakotas		**Total**	**15404.8**	**100.0**	**13.6**	**6560**	**0.66**	**9.4**	**8.00**
Montana		Illinois	3693.5	100.0	0.0	9421	0.46	5.1	37.20
		Indiana	1157.0	100.0	0.0	9537	0.42	4.2	36.85
		Iowa	207.3	100.0	0.0	8703	0.83	10.6	25.13
		Michigan	3426.0	97.3	0.0	9557	0.41	4.6	21.98
		Minnesota	10737.7	100.0	0.0	8715	0.82	9.4	17.53
		Montana	3363.8	100.0	0.0	8502	0.76	8.6	7.54
		Nebraska	41.4	100.0	100.0	9720	0.46	4.1	21.05

Table 53. Origin and Destination of Coal Receipts to Steam-Electric —Cont.

Coal Source				Pct of Receipts			Avg Wt Pct		
USBM Dist	State	Destination State	Receipts 1000 Tons	Surface	Spot	Average Heat Value Btu/lb	Sulfur	Ash	Average Recpt. Cost $/Ton
		Texas	2722.7	100.0	0.0	9390	0.39	4.4	41.26
		Wisconsin	2575.3	100.0	0.4	8588	0.81	9.2	20.47
Montana		**Total**	**27924.7**	**99.7**	**0.2**	**8976**	**0.65**	**7.4**	**22.92**
Washington	Washington	Washington	4800.0	100.0	0.0	8100	0.81	16.3	15.58
Washington		**Total**	**4800.0**	**100.0**	**0.0**	**8100**	**0.81**	**16.3**	**15.58**
Pennsylvania	Anthracite	Florida	15.8	0.0	0.0	12857	0.62	6.3	58.78
		Pennsylvania	967.1	98.7	59.1	8776	0.61	25.9	16.40
Pennsylvania	**Anthracite**	**Total**	**982.9**	**97.1**	**58.2**	**8841**	**0.61**	**25.6**	**17.09**
Poland		Florida	236.8	71.0	24.2	11505	1.26	11.3	39.86
Poland		**Total**	**236.8**	**71.0**	**24.2**	**11505**	**1.26**	**11.3**	**39.86**
South Africa		Florida	749.8	0.0	0.0	11908	0.67	13.0	44.72
South Africa		**Total**	**749.8**	**0.0**	**0.0**	**11908**	**0.67**	**13.0**	**44.72**
Imports		**Total**	**986.6**	**17.0**	**5.8**	**11811**	**0.81**	**12.6**	**43.55**
National Total			**593995.3**	**71.1**	**11.5**	**10647**	**1.60**	**11.1**	**28.76**

Source: Federal Power Commission Form 423.

Origin and Destination of Coal Receipts



5. Coal, Destination-by-Origin by Census Region and State, 1980

The percentages shown under the heading "Pct of Recpt" 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 opposed to coal purchased under contract). The sum of the two columns should not equal 100 percent.

See page 205 of the "Technical Notes" for further information.

Table 54. Destination and Origin of Coal Receipts to Steam-Electric Units 25 MW or Greater, 1980

Coal Destination				Pct of Receipts			Avg Wt Pct		
State	USBM Dist	State	1000 Tons	Surface	Spot	Average Heat Value Btu/lb	Sulfur	Ash	Average Recpt. Cost $/Ton
Massachusetts	Pennsylvania	Pennsylvania	100.2	71.0	100.0	13080	1.26	8.6	50.17
	N West Virginia	W Virginia	246.5	36.8	100.0	13233	1.09	8.3	50.34
	Southern No 1	Virginia	58.0	0.0	100.0	13712	1.13	4.8	54.30
	Southern No 1	W Virginia	26.6	0.0	100.0	13924	1.11	6.1	56.25
	Southern No 2	Kentucky	77.3	0.0	100.0	13708	1.17	4.7	54.15
	Southern No 2	Virginia	124.9	0.0	100.0	13416	1.22	7.1	53.74
Massachusetts			**633.5**	**25.6**	**100.0**	**13376**	**1.16**	**7.3**	**52.06**
New Hampshire	E Pennsylvania	Pennsylvania	99.4	100.0	100.0	13095	2.50	7.1	42.
	W Pennsylvania	Pennsylvania	41.0	100.0	1.0	12746	1.83	9.1	41.32
	N West Virginia	W Virginia	911.9	15.9	0.0	13472	2.58	7.8	42.96
New Hampshire			**1052.3**	**27.1**	**9.5**	**13408**	**2.54**	**7.8**	**42.86**
New England Regional Total			**1685.8**	**26.5**	**43.5**	**13396**	**2.02**	**7.6**	
New Jersey	E Pennsylvania	Pennsylvania	483.3	78.0	14.2	12968	1.35	10.5	44.15
	W Pennsylvania	Pennsylvania	69.2	0.0	63.9	13267	1.28	7.3	50.23
	N West Virginia	W Virginia	1309.0	76.2	12.0	12934	2.03	10.1	43.24
	Southern No 1	Virginia	2.0	50.0	100.0	13292	1.07	7.9	52.43
	Southern No 1	W Virginia	76.0	0.0	0.0	13618	1.42	6.1	52.31
	Southern No 2	Kentucky	48.4	72.1	100.0	13373	0.76	5.1	62.65
	Southern No 2	Tennessee	0.4	0.0	100.0	13443	1.04	7.1	56.11
	Southern No 2	Virginia	527.7	67.7	1.3	13457	1.20	6.9	57.09
	Southern No 2	W Virginia	4.8	20.8	100.0	13461	0.87	6.0	52.82
	Southeastern	Georgia	5.1	100.0	41.2	13739	0.89	5.8	59.10
New Jersey			**2525.9**	**70.2**	**13.2**	**13091**	**1.66**	**9.2**	**47.20**
New York	E Pennsylvania	Maryland	7.4	100.0	100.0	10563	2.97	20.4	28.56
	E Pennsylvania	Pennsylvania	5541.0	82.4	44.1	12220	1.84	13.4	34.87
	W Pennsylvania	Pennsylvania	108.2	100.0	100.0	12706	2.21	10.5	35.85
	N West Virginia	W Virginia	309.5	9.7	58.0	12838	2.52	9.4	39.45
	Ohio	Ohio	7.1	100.0	100.0	12260	2.52	7.3	36.49
	Southern No 2	Kentucky	395.0	100.0	0.0	13209	1.24	4.5	53.60
New York			**6368.2**	**80.3**	**43.1**	**12318**	**1.84**	**12.6**	**36.26**
Pennsylvania	E Pennsylvania	Maryland	184.1	100.0	1.6	12422	2.08	12.7	35.5
	E Pennsylvania	Pennsylvania	28253.6	40.3	23.7	12206	1.95	15.3	31.66
	W Pennsylvania	Pennsylvania	6169.6	77.6	36.7	11875	2.18	14.7	30.07
	N West Virginia	W Virginia	3737.7	23.8	7.0	12422	2.59	12.1	29.73
	Ohio	Ohio	2698.7	9.6	1.8	11894	3.57	13.0	49.30
	Southern No 2	Kentucky	183.0	100.0	0.0	12290	0.94	9.3	42.76
	Southern No 2	Virginia	0.5	67.0	100.0	13032	0.52	3.9	35.60
	Southern No 2	W Virginia	78.9	46.8	53.2	11614	3.33	15.7	29.97
	Pennsylvania Anthracite		967.1	98.7	59.1	8776	0.61	25.9	16.
Pennsylvania			**42273.2**	**44.2**	**23.4**	**12079**	**2.11**	**15.0**	**32.10**
Mid Atlantic Regional Total			**51167.2**	**50.0**	**25.3**	**12159**	**2.06**	**14.4**	**33.36**
Illinois	Southern No 2	Kentucky	710.6	90.9	0.0	12670	0.81	7.8	56.44
	W Kentucky	Kentucky	440.8	100.0	23.1	11246	2.19	10.2	31.66
	Illinois	Illinois	18168.7	40.2	8.7	10685	3.06	11.4	27.63
	Indiana	Indiana	689.2	97.7	63.8	11015	1.64	9.5	29.01
	Southwestern	Missouri	22.3	100.0	44.7	10636	3.33	12.0	25.87
	N Colorado	Colorado	892.2	100.0	6.3	10929	0.65	10.5	43.11
	S Colorado	Colorado	698.4	0.0	7.2	12152	0.57	8.7	43.45
	Wyoming	Wyoming	10572.0	100.0	0.0	9511	0.49	7.8	38.94
	Montana	Montana	3693.5	100.0	0.0	9421	0.46	5.1	37.20
Illinois			**35887.7**	**67.5**	**6.3**	**10296**	**1.84**	**9.5**	**33.29**
Indiana	Ohio	Ohio	924.5	100.0	100.0	10864	3.36	13.5	25.40
	Southern No 2	Kentucky	10.1	100.0	100.0	11357	2.04	12.1	28.07
	W Kentucky	Kentucky	2696.0	100.0	63.1	11208	4.28	14.2	22.38
	Illinois	Illinois	7422.1	11.8	0.3	10582	2.73	11.4	28.01
	Indiana	Indiana	21230.0	99.5	6.1	10844	2.78	10.7	23.07
	S Colorado	Colorado	742.6	0.0	0.0	11276	0.41	7.3	49.49
	Wyoming	Wyoming	1560.8	76.8	0.0	10669	0.65	9.1	42.91
	Utah	Utah	1073.8	0.0	0.0	12119	0.56	7.9	73.82
	Montana	Montana	1157.0	100.0	0.0	9537	0.42	4.2	36.85
Indiana			**36816.8**	**76.0**	**10.7**	**10816**	**2.62**	**10.7**	**27.36**
Michigan	E Pennsylvania	Pennsylvania	542.0	100.0	4.6	12743	2.76	9.2	37.63
	W Pennsylvania	Pennsylvania	235.5	100.0	23.2	12698	1.57	9.3	43.39
	N West Virginia	W Virginia	3083.0	33.1	0.9	12795	2.61	10.3	30.12
	Ohio	Ohio	1978.0	13.7	4.3	11359	2.42	11.2	31.02
	Southern No 1	Virginia	27.0	100.0	100.0	13361	0.84	8.2	44.79
	Southern No 2	Kentucky	10712.6	67.5	22.6	12529	0.80	9.1	44.87

Table 54. Destination and Origin of Coal Receipts to Steam-Electric —Cont.

Coal Destination				Pct of Receipts			Avg Wt Pct		
State	USBM Dist	State	1000 Tons	Surface	Spot	Average Heat Value Btu/lb	Sulfur	Ash	Average Recpt. Cost $/Ton
	Southern No 2	Tennessee	39.1	99.1	100.0	12697	0.83	8.8	45.44
	Southern No 2	Virginia	151.0	100.0	100.0	13332	0.81	7.3	46.45
	Southern No 2	W Virginia	846.0	100.0	27.8	13130	0.96	7.3	47.91
	W Kentucky	Kentucky	458.3	43.7	96.3	12453	2.86	8.3	37.09
	Illinois	Illinois	613.5	93.4	78.8	11669	2.60	9.7	36.89
	Indiana	Indiana	32.7	100.0	100.0	12023	3.26	8.5	29.90
	Montana	Montana	3426.0	97.3	0.0	9557	0.41	4.6	21.98
Michigan			**22144.7**	**65.5**	**18.1**	**12012**	**1.30**	**8.7**	**37.57**
Ohio	E Pennsylvania	Pennsylvania	0.1	100.0	100.0	12623	0.70	9.3	42.67
	W Pennsylvania	Pennsylvania	2252.6	64.7	70.0	12319	2.25	11.7	33.32
	N West Virginia	W Virginia	769.9	100.0	35.9	11767	0.91	14.7	36.09
	Ohio	Ohio	25272.6	64.3	21.1	11286	3.61	14.2	31.54
	Panhandle	W Virginia	3237.7	45.2	1.4	12229	3.63	10.1	30.57
	Southern No 1	Virginia	4.8	0.0	100.0	13236	0.60	7.3	46.41
	Southern No 1	W Virginia	173.4	83.3	100.0	12737	0.72	9.4	37.22
	Southern No 2	Kentucky	11340.1	58.4	32.5	11867	0.90	12.5	38.65
	Southern No 2	Tennessee	9.6	100.0	100.0	13454	0.67	4.7	47.94
	Southern No 2	Virginia	239.2	4.4	69.6	12429	0.70	10.4	42.68
	Southern No 2	W Virginia	4046.0	39.2	29.1	11770	0.75	12.3	40.41
	W Kentucky	Kentucky	1161.6	100.0	0.7	11297	2.69	12.0	27.05
	Indiana	Indiana	6.2	100.0	100.0	11248	3.00	12.9	19.70
	Wyoming	Wyoming	2252.4	100.0	0.0	8160	0.53	5.9	29.84
Ohio			**50766.1**	**62.5**	**24.5**	**11440**	**2.49**	**12.8**	**33.82**
Wisconsin	E Pennsylvania	Pennsylvania	870.2	100.0	5.6	12631	2.98	10.0	38.93
	W Pennsylvania	Pennsylvania	136.7	100.0	95.2	12300	2.39	10.7	36.71
	N West Virginia	W Virginia	223.2	31.6	26.3	12305	2.92	11.7	39.39
	Ohio	Ohio	272.0	100.0	12.4	12346	3.54	6.5	36.63
	Southern No 2	Kentucky	0.3	0.0	100.0	12449	1.68	6.8	35.01
	Southern No 2	W Virginia	9.6	100.0	0.0	11650	0.59	12.9	31.01
	W Kentucky	Kentucky	2815.6	86.4	1.6	11982	3.21	8.7	35.31
	Illinois	Illinois	3363.7	54.1	9.2	11069	2.67	9.4	32.30
	Indiana	Indiana	205.1	100.0	100.0	11067	3.89	9.9	31.52
	Southwestern	Oklahoma	0.6	100.0	100.0	13275	2.60	8.2	44.42
	Wyoming	Wyoming	4042.1	100.0	0.0	8581	0.41	5.9	24.00
	Montana	Montana	2575.3	100.0	0.4	8588	0.81	9.2	20.47
Wisconsin			**14514.2**	**85.7**	**5.8**	**10262**	**1.87**	**8.3**	**29.09**
E. N. Central Regional Total			**160129.7**	**69.2**	**14.7**	**11013**	**2.16**	**10.6**	**32.30**
Iowa	Illinois	Illinois	1641.7	87.0	26.0	10864	2.94	9.2	30.94
	Iowa	Iowa	414.1	60.7	18.7	9798	3.15	13.3	29.27
	Arkansas-Okla	Oklahoma	15.5	100.0	100.0	13156	3.48	10.3	37.32
	Southwestern	Missouri	326.2	100.0	0.0	10224	3.65	11.5	43.43
	Southwestern	Oklahoma	104.5	47.5	100.0	12488	3.60	10.6	37.90
	N Colorado	Colorado	289.6	12.6	12.6	10366	0.44	7.7	48.72
	S Colorado	Colorado	64.1	100.0	14.8	10580	0.45	6.3	42.08
	Wyoming	Wyoming	7643.8	97.1	1.2	8835	0.45	7.4	22.65
	Montana	Montana	207.3	100.0	0.0	8703	0.83	10.6	25.13
Iowa			**10706.7**	**91.5**	**7.1**	**9317**	**1.08**	**8.1**	**25.85**
Kansas	Illinois	Illinois	73.5	0.0	0.0	11248	2.34	11.7	40.06
	Southwestern	Kansas	132.9	100.0	84.2	12143	3.97	13.7	30.39
	Southwestern	Missouri	1330.8	100.0	0.0	9685	5.36	24.5	16.65
	Southwestern	Oklahoma	724.2	100.0	23.3	12286	2.58	11.1	34.29
	S Colorado	Colorado	250.7	100.0	0.0	10724	0.62	10.6	34.64
	Wyoming	Wyoming	7729.4	100.0	0.0	8688	0.36	5.9	17.97
Kansas			**10241.6**	**99.3**	**2.7**	**9185**	**1.23**	**8.9**	**19.68**
Minnesota	W Pennsylvania	Pennsylvania	1.0	33.0	100.0	12300	2.40	11.0	46.76
	Ohio	Ohio	5.1	0.0	0.0	13000	2.40	7.3	55.67
	W Kentucky	Kentucky	2.5	36.0	100.0	11764	1.84	8.7	35.23
	Illinois	Illinois	713.3	53.5	6.8	11362	2.98	9.8	32.31
	Southeastern	Tennessee	26.9	42.6	4.3	11822	1.92	13.4	42.27
	Arkansas-Okla	Oklahoma	11.3	100.0	100.0	12602	2.87	10.0	44.46
	The Dakotas	N Dakota	735.6	100.0	2.1	6982	0.68	7.3	14.45
	Montana	Montana	10737.7	100.0	0.0	8715	0.82	9.4	17.53
Minnesota			**12233.4**	**97.1**	**0.7**	**8778**	**0.94**	**9.3**	**18.31**
Missouri	Southern No 2	Kentucky	179.9	22.6	36.1	12580	1.13	9.1	41.98
	Southern No 2	Virginia	788.0	0.0	8.0	12445	1.26	10.0	44.66
	W Kentucky	Kentucky	279.2	100.0	0.3	11222	3.00	9.6	28.54
	Illinois	Illinois	13067.3	81.9	6.0	10972	2.60	9.9	23.45
	Indiana	Indiana	244.0	100.0	0.0	11000	1.22	9.0	34.14
	Arkansas-Okla	Oklahoma	152.0	100.0	2.0	13409	1.41	6.1	44.47
	Southwestern	Kansas	595.2	100.0	17.0	11529	3.96	15.0	34.06

Table 54. Destination and Origin of Coal Receipts to Steam-Electric —Cont.

Coal Destination				Pct of Receipts			Avg Wt Pct		
State	USBM Dist	State	1000 Tons	Surface	Spot	Average Heat Value Btu/lb	Sulfur	Ash	Average Recpt. Cost $/Ton
	Southwestern	Missouri	3322.1	99.2	10.0	10061	5.20	19.4	23.32
	Southwestern	Oklahoma	1583.5	100.0	8.0	11579	4.56	14.5	26.76
	N Colorado	Colorado	476.0	100.0	0.0	10700	0.30	7.5	39.63
	S Colorado	Colorado	257.0	100.0	0.0	10500	0.30	4.9	38.30
	New Mexico	New Mexico	224.0	100.0	15.6	10200	0.67	12.5	39.55
	Wyoming	Wyoming	3643.5	100.0	4.2	8872	0.38	6.6	21.48
Missouri			**24811.7**	**86.6**	**6.7**	**10653**	**2.62**	**11.0**	**25.32**
Nebraska	N Colorado	Colorado	102.1	100.0	74.9	10982	0.23	6.9	33.97
	S Colorado	Colorado	82.2	100.0	26.2	10802	0.65	10.7	39.14
	Wyoming	Wyoming	3948.5	100.0	26.3	9012	0.51	6.3	20.13
	Utah	Utah	436.0	0.0	22.5	12296	0.86	8.1	47.32
	Montana	Montana	41.4	100.0	100.0	9720	0.46	4.1	21.05
Nebraska			**4610.2**	**90.5**	**27.7**	**9404**	**0.54**	**6.5**	**23.36**
N Dakota	**The Dakotas**	**N Dakota**	**12215.5**	**100.0**	**17.0**	**6617**	**0.65**	**9.8**	**7.36**
S Dakota	Wyoming	Wyoming	222.9	100.0	0.0	7937	0.46	6.7	13.45
	The Dakotas	N Dakota	2453.7	100.0	0.0	6151	0.72	8.0	9.26
S Dakota			**2676.6**	**100.0**	**0.0**	**6300**	**0.70**	**7.9**	**9.61**
W. N.Central Regional Total			**77495.6**	**93.4**	**7.9**	**9118**	**1.46**	**9.5**	**20.05**
Delaware	E Pennsylvania	Pennsylvania	846.1	94.7	55.6	12441	1.71	12.1	37.57
	W Pennsylvania	Pennsylvania	41.0	100.0	33.9	12346	2.13	13.1	34.23
	Southern No 2	W Virginia	195.9	21.3	18.7	12570	0.71	10.2	56.45
Delaware			**1082.9**	**81.6**	**48.1**	**12461**	**1.54**	**11.8**	**40.86**
Florida	Southern No 2	Kentucky	1892.4	51.3	4.1	12098	1.58	9.2	50.75
	Southern No 2	Tennessee	108.4	87.9	59.7	12073	1.45	10.2	46.40
	Southern No 2	Virginia	51.0	0.0	0.0	13769	0.70	7.2	56.74
	Southern No 2	W Virginia	10.3	0.0	0.0	12420	0.62	7.9	43.17
	W Kentucky	Kentucky	2960.8	63.9	13.6	11642	2.89	10.9	35.02
	Illinois	Illinois	2124.4	40.2	4.5	11758	2.44	10.0	44.02
	Southeastern	Alabama	468.8	53.4	22.6	12194	2.23	11.9	47.20
	Arkansas-Okla	Oklahoma	19.6	100.0	100.0	12451	2.91	11.4	36.76
	Southwestern	Oklahoma	45.7	100.0	76.1	12284	1.01	8.7	41.71
	Pennsylvania Anthracite		15.8	0.0	0.0	12857	0.62	6.3	58.
	Poland (imported)		236.8	71.0	24.2	11505	1.26	11.3	39.
	South Africa (imported)		749.8	0.0	0.0	11908	0.67	13.0	44.
Florida			**8684.0**	**49.5**	**9.9**	**11845**	**2.18**	**10.5**	**42.64**
Georgia	Ohio	Ohio	43.4	100.0	100.0	11015	2.91	13.1	30.57
	Southern No 2	Kentucky	9769.1	85.7	29.3	12363	1.48	11.2	36.66
	Southern No 2	Tennessee	1594.6	38.5	5.7	12334	1.12	10.6	43.85
	Southern No 2	Virginia	275.9	100.0	100.0	12336	1.06	11.7	39.39
	W Kentucky	Kentucky	3029.9	58.6	0.0	11614	2.54	9.7	36.73
	Illinois	Illinois	4799.0	83.5	0.0	11191	2.51	10.1	33.02
	Indiana	Indiana	1357.3	100.0	0.3	11062	1.61	9.1	26.18
	Southeastern	Alabama	437.4	100.0	0.0	12263	1.71	12.5	35.08
Georgia			**21306.6**	**79.2**	**15.4**	**11902**	**1.85**	**10.6**	**35.71**
Maryland	E Pennsylvania	Maryland	865.0	100.0	18.4	12170	1.75	14.4	36.57
	E Pennsylvania	Pennsylvania	4027.9	94.3	18.1	12375	1.71	13.1	37.28
	W Pennsylvania	Pennsylvania	139.0	56.8	100.0	12451	1.78	12.6	36.63
	N West Virginia	W Virginia	970.0	48.8	49.5	12571	1.23	11.3	43.01
Maryland			**6001.9**	**86.9**	**25.1**	**12379**	**1.64**	**13.0**	**38.09**
N Carolina	Southern No 1	Virginia	54.1	12.3	93.3	12074	0.96	16.0	33.47
	Southern No 1	W Virginia	60.1	57.4	36.4	12582	0.89	12.6	35.92
	Southern No 2	Kentucky	11778.9	38.1	18.8	12209	0.98	10.5	39.60
	Southern No 2	Tennessee	691.2	26.4	30.4	12269	1.17	11.6	38.40
	Southern No 2	Virginia	6920.9	42.8	5.0	12361	0.96	12.6	37.56
	Southern No 2	W Virginia	3928.7	21.4	10.8	12283	0.85	12.5	36.71
N Carolina			**23433.9**	**36.3**	**13.9**	**12269**	**0.96**	**11.5**	**38.46**
S Carolina	Southern No 1	Virginia	0.4	33.0	100.0	11950	1.36	18.5	35.95
	Southern No 2	Kentucky	7223.1	32.1	27.7	12419	1.41	10.5	38.85
	Southern No 2	Tennessee	167.3	54.3	77.8	12386	1.65	10.5	37.15
	Southern No 2	Virginia	672.2	56.6	18.1	12436	1.35	11.8	37.44
	Southern No 2	W Virginia	33.4	0.0	100.0	12826	1.48	9.3	37.15
S Carolina			**8096.4**	**34.4**	**28.2**	**12421**	**1.41**	**10.6**	**38.69**
Virginia	N West Virginia	W Virginia	46.0	0.0	100.0	13060	0.57	9.6	46.25
	Panhandle	W Virginia	1.0	100.0	100.0	12697	0.63	11.3	45.89
	Southern No 1	Virginia	641.8	45.4	9.5	11944	0.87	15.0	37.83
	Southern No 1	W Virginia	38.5	23.4	49.4	12969	0.75	10.3	37.29
	Southern No 2	Kentucky	1662.0	59.4	49.2	12715	1.05	9.4	46.01

Table 54. Destination and Origin of Coal Receipts to Steam-Electric —Cont.

Coal Destination				Pct of Receipts			Avg Wt Pct		
State	USBM Dist	State	1000 Tons	Surface	Spot	Average Heat Value Btu/lb	Sulfur	Ash	Average Recpt. Cost $/Ton
	Southern No 2	Virginia	2058.5	24.1	24.8	12403	0.80	13.9	41.17
	Southern No 2	W Virginia	754.6	33.5	51.4	12751	0.76	9.1	44.82
Virginia			**5202.4**	**39.2**	**35.4**	**12507**	**0.88**	**11.8**	**42.85**
W Virginia	E Pennsylvania	Maryland	94.0	11.7	100.0	11992	1.56	15.8	25.52
	E Pennsylvania	Pennsylvania	0.1	100.0	100.0	12373	0.94	14.4	31.63
	E Pennsylvania	W Virginia	2466.0	31.9	2.9	11749	1.86	17.5	33.08
	W Pennsylvania	Pennsylvania	6.9	100.0	1.6	12053	0.99	11.9	25.54
	N West Virginia	W Virginia	10512.1	41.4	6.7	12557	2.37	11.5	32.56
	Ohio	Ohio	246.7	100.0	0.0	11389	2.80	15.6	29.13
	Panhandle	W Virginia	3015.2	0.0	0.0	12068	4.25	13.3	22.61
	Southern No 1	Virginia	111.9	40.7	0.0	11533	0.92	16.7	38.37
	Southern No 2	Kentucky	2968.6	83.6	0.0	11720	0.99	12.3	38.12
	Southern No 2	Virginia	9.2	78.3	0.0	11363	0.94	17.8	39.87
	Southern No 2	W Virginia	11149.3	32.4	4.1	11975	0.76	13.2	38.04
W Virginia			**30580.1**	**37.8**	**4.4**	**12135**	**1.79**	**12.9**	**34.13**
South Atlantic Regional Total			**104388.2**	**50.0**	**14.3**	**12152**	**1.56**	**11.7**	**37.22**
Alabama	Ohio	Ohio	2441.5	100.0	0.0	11545	2.30	12.3	37.09
	Southern No 1	W Virginia	318.0	0.0	0.0	12393	2.16	12.6	39.09
	Southern No 2	Kentucky	619.9	41.4	28.8	12644	1.21	8.8	45.38
	Southern No 2	Tennessee	705.0	83.2	90.3	11859	1.95	13.1	35.11
	Southern No 2	Virginia	20.1	100.0	0.0	12040	2.25	13.4	44.04
	W Kentucky	Kentucky	1028.3	2.3	0.0	11987	3.21	9.7	36.46
	Illinois	Illinois	150.3	100.0	63.6	11530	1.97	9.1	34.03
	Indiana	Indiana	3.2	100.0	0.0	11039	1.90	9.1	30.82
	Southeastern	Alabama	14233.3	61.4	18.0	11989	1.34	13.1	38.96
	Southeastern	Tennessee	318.8	61.8	59.1	12168	0.92	12.5	33.99
Alabama			**19838.4**	**62.6**	**18.4**	**11956**	**1.59**	**12.6**	**38.55**
Kentucky	W Pennsylvania	Pennsylvania	0.1	50.0	100.0	11170	0.70	11.8	22.05
	Ohio	Ohio	298.5	100.0	5.6	11393	2.41	14.7	31.40
	Southern No 1	Virginia	9.1	0.0	0.0	12087	0.70	13.8	41.34
	Southern No 1	W Virginia	350.8	81.9	0.0	12785	0.78	9.7	50.43
	Southern No 2	Kentucky	8526.7	64.3	23.5	12148	1.24	10.5	37.48
	Southern No 2	Tennessee	4.0	100.0	100.0	11856	1.87	14.8	25.13
	Southern No 2	Virginia	654.7	0.0	0.0	13443	0.63	6.3	59.52
	Southern No 2	W Virginia	0.1	0.0	100.0	11719	0.99	12.8	33.00
	W Kentucky	Kentucky	12032.2	67.0	9.9	10950	3.54	14.1	23.68
	Illinois	Illinois	231.2	0.0	0.0	9856	2.78	19.2	26.22
	Indiana	Indiana	2789.3	100.0	10.7	11049	2.59	9.5	24.75
Kentucky			**24896.5**	**68.0**	**14.1**	**11459**	**2.51**	**12.1**	**29.97**
Mississippi	Southern No 2	Kentucky	724.6	67.0	0.0	12232	1.11	10.9	44.88
	W Kentucky	Kentucky	645.9	100.0	100.0	11796	2.61	9.0	35.39
	Illinois	Illinois	488.6	100.0	2.8	12265	2.69	9.1	26.42
	Indiana	Indiana	46.0	100.0	0.0	11926	1.71	9.2	43.25
	Southeastern	Alabama	686.6	100.0	18.7	12270	2.40	13.2	42.69
	S Colorado	Colorado	754.6	0.0	0.0	11530	0.56	9.6	55.05
	Utah	Utah	405.1	0.0	0.0	11987	0.52	7.8	59.93
Mississippi			**3751.4**	**62.7**	**21.0**	**11997**	**1.64**	**10.1**	**44.09**
Tennessee	Ohio	Ohio	135.9	100.0	0.0	11594	2.25	12.2	42.33
	Southern No 1	W Virginia	175.5	13.1	0.0	12191	2.29	13.1	40.41
	Southern No 2	Kentucky	5115.4	77.1	0.0	11484	0.96	14.0	33.52
	Southern No 2	Tennessee	3977.7	42.7	0.1	12223	1.61	12.0	40.06
	Southern No 2	Virginia	366.3	6.5	0.0	12354	1.51	12.0	36.16
	W Kentucky	Kentucky	10890.7	7.3	0.0	11476	3.14	12.1	36.21
	Illinois	Illinois	519.0	0.3	0.0	11605	2.53	10.6	34.54
	Indiana	Indiana	662.8	100.0	0.0	11107	1.94	9.1	32.93
Tennessee			**21843.2**	**33.3**	**0.0**	**11627**	**2.26**	**12.4**	**36.21**
E. S. Central Regional Total			**70329.5**	**55.4**	**11.3**	**11680**	**2.13**	**12.2**	**35.08**
Arkansas	**Wyoming**	**Wyoming**	**3275.1**	**100.0**	**0.0**	**8504**	**0.38**	**5.8**	**22.72**
Louisiana	**Wyoming**	**Wyoming**	**2067.9**	**100.0**	**0.0**	**8019**	**0.44**	**5.9**	**31.36**
Oklahoma	**Wyoming**	**Wyoming**	**7882.7**	**100.0**	**0.0**	**8696**	**0.38**	**5.5**	**21.46**
Texas	Southwestern	Texas	27014.0	100.0	0.0	6361	0.72	11.8	8.07
	S Colorado	Colorado	982.7	100.0	0.0	10555	0.36	6.5	43.88
	Wyoming	Wyoming	16053.6	100.0	0.0	8605	0.45	5.5	28.89
	Montana	Montana	2722.7	100.0	0.0	9390	0.39	4.4	41.26
Texas			**46773.0**	**100.0**	**0.0**	**7396**	**0.60**	**9.1**	**17.90**
W. S. Central Regional Total			**59998.7**	**100.0**	**0.0**	**7648**	**0.56**	**8.3**	**19.09**
Arizona	S Colorado	New Mexico	437.6	100.0	0.0	12269	0.48	14.0	41.21
	New Mexico	Arizona	7190.3	100.0	0.0	10853	0.48	9.6	14.55
	New Mexico	New Mexico	4379.3	100.0	17.9	10015	0.46	13.6	26.88

Table 54. Destination and Origin of Coal Receipts to Steam-Electric —Cont.

Coal Destination				Pct of Receipts			Avg Wt Pct		
State	USBM Dist	State	1000 Tons	Surface	Spot	Average Heat Value Btu/lb	Sulfur	Ash	Average Recpt. Cost $/Ton
	Utah	Utah	463.6	14.3	0.0	11212	0.47	9.4	39.27
Arizona			**12470.9**	**96.8**	**6.3**	**10622**	**0.47**	**11.1**	**20.73**
Colorado	Illinois	Illinois	19.6	100.0	0.0	10966	0.38	8.6	28.40
	S Colorado	Colorado	7974.1	94.8	2.4	10539	0.46	9.1	17.99
	Wyoming	Wyoming	3212.0	100.0	0.0	8641	0.37	5.3	14.87
Colorado			**11205.7**	**96.3**	**1.7**	**9996**	**0.44**	**8.0**	**17.11**
Montana	**Montana**	**Montana**	**3363.8**	**100.0**	**0.0**	**8502**	**0.76**	**8.6**	**7.54**
Nevada	New Mexico	Arizona	3263.0	100.0	0.0	10918	0.55	10.3	19.69
	New Mexico	New Mexico	310.0	100.0	0.0	10906	0.53	10.3	21.75
	Utah	Utah	942.2	0.0	100.0	11501	0.53	11.1	35.71
Nevada			**4515.2**	**79.1**	**20.9**	**11039**	**0.54**	**10.4**	**23.17**
New Mexico	**New Mexico**	**New Mexico**	**11622.5**	**100.0**	**0.2**	**8848**	**0.72**	**21.3**	**9.88**
Utah	**Utah**	**Utah**	**5198.0**	**0.0**	**0.0**	**11450**	**0.50**	**11.4**	**26.06**
Wyoming	**Wyoming**	**Wyoming**	**14554.0**	**100.0**	**2.1**	**8795**	**0.56**	**9.3**	**9.99**
Mountain Regional Total			**62930.1**	**89.0**	**3.6**	**9745**	**0.56**	**11.9**	**15.51**
Oregon	**Wyoming**	**Wyoming**	**1070.5**	**100.0**	**0.0**	**8196**	**0.35**	**4.9**	**23.15**
Washington	**Washington**	**Washington**	**4800.0**	**100.0**	**0.0**	**8100**	**0.81**	**16.3**	**15.58**
Pacific Regional Total			**5870.5**	**100.0**	**0.0**	**8118**	**0.73**	**14.3**	**16.96**
Contiguous U.S.Total			**593995.3**	**71.1**	**11.5**	**10647**	**1.60**	**11.1**	**28.76**

Source:•Federal Power Commission Form 423.

6. Quantity of Coal Complying With 1980 Air Pollution Control Regulations for Sulfur

Methodology

The data presented in chapter 6 are based on a comparison of the sulfur content of coal (on shipment-by-shipment basis) received by all power units reporting coal receipts on FPC Form 423 in 1980 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 1980.

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 units in Arizona and Georgia and for all units 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 units 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 1980; consequently, the sulfur dioxide emission for such units 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 received by a power plant fell into one of the following categories:

1. All coal shipments to the plant met the 1980 sulfur regulations.

2. All coal shipments to the plant exceeded the 1980 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 receipts 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:

$$I = ((R - C)(N - R)) \times Q$$

Where:

I = the incremental tonnage of complying coal (thousand tons)

R = the plant's 1980 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 1980 are indicated by the footnote number in column 10. The footnote numbers in column 10 correspond to the numbers in parenthesis in Table 28, Chapter 1 of this report, which is a description of the operation of FGD systems.

Table 55. Coal Receipts to Plants for the Past Twelve Months Meeting or Not Meeting 1980 Sulfur Regulations (Thousand Tons)

Company Plant (1)	1979 Sulfur Reg (2)	Receipts: Total Quantity (3)	Receipts: Avg. Sulfur Cont (4)	Receipts: Quantity Meeting (5)	Before Blending: Avg. Sulfur Cont (6)	Before Blending: Quantity Not Meeting (7)	After Blending: Avg. Sulfur Cont (8)	After Blending: Quantity Meeting (9)	After Blending: Quantity Not Meeting (10)
Alabama Elec Coop Inc									
Tombigee	4.000[3]	795.87	2.769	702.07	2.425	93.81	5.344	795.87	0.0[1]
Mc Williams	4.000[3]	19.05	4.271	0.0	0.0	19.05	4.271	0.0	19.05
Utility Totals	-	814.92	-	702.07	-	112.86	-	795.87	19.05
Alabama Power Co (SC)									
Barry	1.800[3]	490.91	1.755	223.22	1.410	267.69	2.043	490.91	0.0
Gadsden	4.000[3]	435.68	2.568	432.34	2.557	3.34	4.020	435.68	0.0
Gorgas 2 & 3	4.000[3]	5621.38	2.087	5438.55	2.009	182.83	4.395	5621.38	0.0
Greene	4.000[3]	342.46	2.698	332.22	2.638	10.24	4.649	342.46	0.0
Gaston	1.200[3]	5414.25	2.941	196.89	1.165	5217.37	3.008	200.70	5213.55
Miller	1.200[3]	1063.10	1.095	1063.10	1.095	0.0	0.0	1063.10	0.0
Utility Totals	-	13367.78	-	7686.32	-	5681.47	-	8154.23	5213.55
Ames, City of									
Ames	5.000[3]	110.70	4.556	64.20	1.392	46.50	8.924	110.70	0.0
Utility Totals	-	110.70	-	64.20	-	46.50	-	110.70	0.0
Arizona Electric Power Coop Inc									
Apache	1.000[3]	1019.95	0.925	983.45	0.921	36.50	1.029	1019.95	0.0[2]
Utility Totals	-	1019.95	-	983.45	-	36.50	-	1019.95	0.0
Arizona Public Service									
Cholla	1.000[3]	2268.90	0.911	2268.90	0.911	0.0	0.0	2268.90	0.0
Four Corners	16.000[4]	8315.80	1.602	8315.80	1.602	0.0	0.0	8315.80	0.0
Utility Totals	-	10584.70	-	10584.70	-	0.0	-	10584.70	0.0[3]
Arkansas Power & Light (MSU)									
Whitebluff	16.000[4]	1594.12	0.997	1594.12	0.997	0.0	0.0	1594.12	0.0
Utility Totals	-	1594.12	-	1594.12	-	0.0	-	1594.12	0.0
Associated Elec Coop-Missouri									
Madrid	16.000[4]	3427.45	5.958	3427.45	5.958	0.0	0.0	3427.45	0.0
Hill	16.000[4]	1456.00	10.064	1456.00	10.064	0.0	0.0	1456.00	0.0
Utility Totals	-	4883.45	-	4883.45	-	0.0	-	4883.45	0.0
Deepwater Operating Co (ACE)									
Deepwater	1.000[1]	52.06	0.746	52.06	0.746	0.0	0.0	52.06	0.0
Utility Totals	-	52.06	-	52.06	-	0.0	-	52.06	0.0
Austin Utilities									
Austin	2.000[1]	22.37	1.847	22.37	1.847	0.0	0.0	22.37	0.0
Utility Totals	-	22.37	-	22.37	-	0.0	-	22.37	0.0
Baltimore Gas & Electric									
Crane	1.000[1]	145.00	2.052	0.0	0.0	145.00	2.052	0.0	145.00
Wagner	1.000[1]	669.80	0.903	662.80	0.902	7.00	1.020	669.80	0.0
Utility Totals	-	814.80	-	662.80	-	152.00	-	669.80	145.00
Basin Electric Power Coop									
Leland Olds	3.000[3]	3471.46	2.116	3201.46	1.930	270.00	4.324	3471.46	0.0
Wm J Neal	3.000[3]	317.70	1.586	299.60	1.480	18.10	3.333	317.70	0.0
Laramie River	0.200[3]	357.00	0.856	0.0	0.0	357.00	0.856	0.0	357.00[4]
Utility Totals	-	4146.16	-	3501.06	-	645.10	-	3789.16	357.00
Big Rivers Rural Elec Coop									
Coleman	5.200[3]	1691.22	4.256	1450.42	3.775	240.80	7.156	1691.22	0.0
Reid	6.000[3]	1330.75	4.539	1171.65	4.172	159.10	7.243	1330.75	0.0
R D Green	1.200[3]	844.00	7.974	37.70	1.048	806.30	8.298	38.51	805.49[5]
Utility Totals	-	3865.97	-	2659.77	-	1206.20	-	3060.48	805.49
Black Hills Power & Light									
Ben French	3.000[3]	77.43	1.104	77.43	1.104	0.0	0.0	77.43	0.0
Kirk	3.000[3]	145.46	1.207	145.46	1.207	0.0	0.0	145.46	0.0
Neil Simpson	16.000[4]	121.68	1.225	121.68	1.225	0.0	0.0	121.68	0.0
Osage	16.000[4]	209.36	1.161	209.36	1.161	0.0	0.0	209.36	0.0
Utility Totals	-	553.93	-	553.93	-	0.0	-	553.93	0.0
Cardinal Operating Co (AEP)									
Cardinal	4.760[3]	3914.90	3.045	3511.50	2.775	403.40	5.392	3914.90	0.0
Utility Totals	-	3914.90	-	3511.50	-	403.40	-	3914.90	0.0
Cajun Electric Power Coop									
Big Cajun No.2	1.200[3]	2067.90	1.087	1809.10	1.064	258.80	1.249	2067.90	0.0
Utility Totals	-	2067.90	-	1809.10	-	258.80	-	2067.90	0.0
Carolina Power & Light									
Asheville	2.300[3]	1041.60	1.491	1041.40	1.491	0.20	2.818	1041.60	0.0
Cape Fear	2.300[3]	703.21	1.700	639.81	1.580	63.40	2.915	703.21	0.0
Lee	2.300[3]	852.90	1.782	789.70	1.706	63.20	2.735	852.90	0.0
Roxboro	2.300[3]	4633.60	1.226	4566.30	1.200	67.30	3.006	4633.60	0.0
Sutton	2.300[3]	1136.00	1.712	1003.00	1.590	133.00	2.630	1136.00	0.0
Weatherspoon	2.300[3]	300.60	1.762	269.90	1.676	30.70	2.521	300.60	0.0

Table 55. Coal Receipts to Plants for the Past Twelve Months Meeting or Not Meeting 1980 Sulfur Regulations (Thousand Tons) —Cont.

Company Plant (1)	1979 Sulfur Reg (2)	Receipts: Total Quantity (3)	Receipts: Avg. Sulfur Cont (4)	Before Blending: Quantity Meeting (5)	Before Blending: Avg. Sulfur Cont (6)	Before Blending: Quantity Not Meeting (7)	Before Blending: Avg. Sulfur Cont (8)	After Blending: Quantity Meeting (9)	After Blending: Quantity Not Meeting (10)
Robinson	3.500[3]	430.30	2.512	364.20	2.272	66.10	3.835	430.30	0.0
Utility Totals	-	9098.21	-	8674.31	-	423.90	-	9098.21	0.0
Cedar Falls Utilities									
Streeter	5.000[3]	25.20	3.762	21.98	3.460	3.22	5.820	25.20	0.0
Utility Totals	-	25.20	-	21.98	-	3.22	-	25.20	0.0
Central Elec Pwr Coop-Missouri									
Chamois	16.000[4]	147.00	6.798	147.00	6.798	0.0	0.0	147.00	0.0
Utility Totals	-	147.00	-	147.00	-	0.0	-	147.00	0.0
Central Illinois Light									
Edwards	1.800[3]	1222.26	1.215	1222.26	1.215	0.0	0.0	1222.26	0.0
Wallace	1.800[3]	65.00	1.065	65.00	1.065	0.0	0.0	65.00	0.0
Duck Creek	1.200[3]	1067.86	6.552	0.0	0.0	1067.86	6.552	0.0	1067.86[6]
Utility Totals	-	2355.12	-	1287.26	-	1067.86	-	1287.26	1067.86
Central Illinois Public Service									
Coffeen	6.000[3]	2202.20	8.189	0.0	0.0	2202.20	8.189	0.0	2202.20
Grand Tower	6.000[3]	461.60	5.127	455.60	5.107	6.00	6.643	461.60	0.0
Hutsonville	6.000[3]	427.40	3.438	388.50	3.115	38.90	6.663	427.40	0.0
Meredosia	1.200[3]	758.90	5.254	0.0	0.0	758.90	5.254	0.0	758.90
Newton	1.200[3]	1378.20	4.429	0.0	0.0	1378.20	4.429	0.0	1378.20[7]
Utility Totals	-	5228.30	-	844.10	-	4384.20	-	889.00	4339.30
Central Power & Light (CSW)									
Coleto Creek	1.200[3]	982.70	0.682	982.70	0.682	0.0	0.0	982.70	0.0
Utility Totals	-	982.70	-	982.70	-	0.0	-	982.70	0.0
Central Tele and Util Corp									
Pueblo	16.000[4]	0.40	0.981	0.40	0.981	0.0	0.0	0.40	0.0
Clark	16.000[4]	189.39	0.973	189.39	0.973	0.0	0.0	189.39	0.0
Utility Totals	-	189.79	-	189.79	-	0.0	-	189.79	0.0
The Cincinnati Gas & Electric Co									
Beckjord	2.020[3]	2629.40	3.098	1169.70	1.390	1459.70	4.466	1470.97	1158.43
Miami Fort	3.300[3]	2905.20	2.925	1581.00	1.411	1324.20	4.733	2905.20	0.0
East Bend	1.200[3]	277.10	5.160	0.0	0.0	277.10	5.160	0.0	277.10
Utility Totals	-	5811.70	-	2750.70	-	3061.00	-	4376.17	1435.53
Cleveland Electric Illum Co									
Ashtabula	5.000[3]	1019.40	5.985	173.40	4.515	846.00	6.286	238.80	780.60
Avon Lake	1.700[3]	1816.50	4.424	61.50	1.146	1755.00	4.539	73.50	1743.00
Eastlake	1.400[3]	2690.80	5.085	118.30	1.280	2572.50	5.260	121.98	2568.82
Lake Shore	1.900[3]	445.70	1.136	445.70	1.136	0.0	0.0	445.70	0.0
Utility Totals	-	5972.40	-	798.90	-	5173.50	-	879.97	5092.43
Colorado Springs Dept Pub Utils									
Drake	16.000[4]	866.20	0.957	866.20	0.957	0.0	0.0	866.20	0.0
Nixon	1.200[3]	439.70	0.741	439.70	0.741	0.0	0.0	439.70	0.0
Utility Totals	-	1305.90	-	1305.90	-	0.0	-	1305.90	0.0
Colorado-Ute Electric Assn									
Hayden	16.000[4]	1539.38	0.931	1539.38	0.931	0.0	0.0	1539.38	0.0
Nucla	16.000[4]	92.40	1.536	92.40	1.536	0.0	0.0	92.40	0.0
Craig	16.000[4]	2085.42	0.878	2085.42	0.878	0.0	0.0	2085.42	0.0[9]
Utility Totals	-	3717.20	-	3717.20	-	0.0	-	3717.20	0.0
Columbia Water & Light									
Columbia	16.000[4]	81.32	7.124	81.32	7.124	0.0	0.0	81.32	0.0
Utility Totals	-	81.32	-	81.32	-	0.0	-	81.32	0.0
Columbus & Southern Ohio Elec									
Conesville	5.660[3]	4100.43	8.240	249.30	4.493	3851.13	8.483	352.36	3748.07[10]
Picway	6.040[3]	265.60	7.121	46.50	5.014	219.10	7.568	77.72	187.88
Poston	3.720[3]	479.80	6.270	13.40	2.676	466.40	6.373	18.67	461.13
Utility Totals	-	4845.83	-	309.20	-	4536.63	-	448.75	4397.08
Commonwealth Edison									
Crawford	1.800[3]	1473.00	1.118	1473.00	1.118	0.0	0.0	1473.00	0.0
Joliet	1.800[3]	3883.00	1.088	3883.00	1.088	0.0	0.0	3883.00	0.0
Kincaid	6.000[3]	2933.00	6.871	0.0	0.0	2933.00	6.871	0.0	2933.00
Powerton	1.800[3]	3157.00	1.035	2992.00	0.726	165.00	6.637	3157.00	0.0[11]
Waukegan	1.800[3]	1718.00	1.027	1718.00	1.027	0.0	0.0	1718.00	0.0
Will County	1.800[3]	2657.00	1.101	2653.00	1.092	4.00	6.885	2657.00	0.0
Fisk	1.800[3]	1024.00	1.057	1024.00	1.057	0.0	0.0	1024.00	0.0
Utility Totals	-	16845.00	-	13743.00	-	3102.00	-	13912.00	2933.00
Consumers Power									
Cobb	1.500[1]	1343.45	2.299	352.45	0.770	991.00	2.843	544.03	799.42
Karn/Weadock	1.500[1]	1671.10	0.853	1629.10	0.796	42.00	3.078	1671.10	0.0

Table 55. Coal Receipts to Plants for the Past Twelve Months Meeting or Not Meeting 1980 Sulfur Regulations (Thousand Tons) —Cont.

Company Plant (1)	1979 Sulfur Reg (2)	Receipts Total Quantity (3)	Receipts Avg. Sulfur Cont (4)	Before Blending Quantity Meeting (5)	Before Blending Avg. Sulfur Cont (6)	Before Blending Quantity Not Meeting (7)	Before Blending Avg. Sulfur Cont (8)	After Blending Quantity Meeting (9)	After Blending Quantity Not Meeting (10)
Campbell	1.500[1]	2060.40	1.906	460.30	0.680	1600.10	2.259	957.59	1102.81
Weadock-Sandusky	1.000[1]	1.35	0.799	1.35	0.799	0.0	0.0	1.35	0.0
Whiting	1.500[1]	645.00	0.790	645.00	0.790	0.0	0.0	645.00	0.0
Utility Totals	-	5721.30	-	3088.20	-	2633.10	-	3819.07	1902.23
Cooperative Power Assoc									
Coal Creek	1.200[3]	3012.60	1.937	0.0	0.0	3012.60	1.937	0.0	3012.60[12]
Utility Totals	-	3012.60	-	0.0	-	3012.60	-	0.0	3012.60
Corn Belt Pwr Coop									
Humboldt	5.000[3]	1.67	5.666	0.0	0.0	1.67	5.666	0.0	1.67
Wisdom	5.000[3]	0.12	5.452	0.0	0.0	0.12	5.452	0.0	0.12
Utility Totals	-	1.79	-	0.0	-	1.79	-	0.0	1.79
Dairyland Power Cooperative									
Alma	1.200[3]	1179.80	2.047	791.50	0.834	388.30	4.520	878.75	301.05
Genoa 3	16.000[4]	886.50	4.510	886.50	4.510	0.0	0.0	886.50	0.0
Stoneman	16.000[4]	52.40	5.852	52.40	5.852	0.0	0.0	52.40	0.0
Utility Totals	-	2118.70	-	1730.40	-	388.30	-	1817.65	301.05
The Dayton Power & Light Co									
Tait	1.250[3]	448.68	0.985	448.68	0.985	0.0	0.0	448.68	0.0
Hutchings	1.200[3]	654.00	0.994	647.30	0.990	6.70	1.425	654.00	0.0
Stuart	3.160[3]	6111.50	1.940	5782.20	1.762	329.30	5.073	6111.50	0.0
Utility Totals	-	7214.18	-	6878.18	-	336.00	-	7214.18	0.0
Delmarva Power & Light									
Indian River	16.000[4]	1082.94	2.491	1082.94	2.491	0.0	0.0	1082.94	0.0
Utility Totals	-	1082.94	-	1082.94	-	0.0	-	1082.94	0.0
The Detroit Edison Co									
Conners Creek	1.250[1]	376.00	0.755	376.00	0.755	0.0	0.0	376.00	0.0
Harbor Beach	1.500[1]	485.00	0.785	485.00	0.785	0.0	0.0	485.00	0.0
Marysville	1.500[1]	210.00	0.864	208.00	0.858	2.00	1.510	210.00	0.0
Monroe	1.200[1]	6195.00	1.943	2535.00	0.786	3660.00	2.745	3214.28	2980.72
Pennsalt	1.000[1]	142.00	0.769	141.00	0.767	1.00	1.120	142.00	0.0
River Rouge	1.500[1]	1412.00	0.763	1412.00	0.763	0.0	0.0	1412.00	0.0
St Clair	1.500[1]	2971.00	0.634	2636.00	0.358	335.00	2.809	2971.00	0.0
Trenton Channel	1.000[1]	1450.00	0.789	1441.00	0.787	9.00	1.130	1450.00	0.0
Utility Totals	-	13241.00	-	9234.00	-	4007.00	-	10260.28	2980.72
Duke Power									
Allen	2.300[3]	2046.93	1.431	2046.93	1.431	0.0	0.0	2046.93	0.0
Buck	2.300[3]	546.10	1.768	546.10	1.768	0.0	0.0	546.10	0.0
Cliffside	2.300[3]	1549.30	1.672	1468.77	1.633	80.53	2.379	1549.30	0.0
Dan River	2.300[3]	398.03	1.631	396.89	1.628	1.14	2.783	398.03	0.0
Marshall	2.300[3]	4550.56	1.709	4515.62	1.704	34.94	2.388	4550.56	0.0
Riverbend	2.300[3]	888.78	2.073	683.06	1.982	205.72	2.374	888.78	0.0
Lee	2.300[3]	730.19	1.792	730.19	1.792	0.0	0.0	730.19	0.0
Belews Creek	2.300[3]	4786.25	1.555	4781.66	1.554	4.59	2.533	4786.25	0.0
Utility Totals	-	15496.14	-	15169.22	-	326.92	-	15496.14	0.0
Duquesne Light									
Elrama	0.670[3]	1397.30	4.196	0.0	0.0	1397.30	4.196	0.0	1397.30
Phillips	0.700[3]	990.86	3.887	0.0	0.0	990.86	3.887	0.0	990.86
Cheswick	0.600[3]	1430.08	2.528	0.0	0.0	1430.08	2.528	0.0	1430.08
Utility Totals	-	3818.24	-	0.0	-	3818.24	-	0.0	3818.24[13]
East Kentucky Rural Elec Coop									
Cooper	3.200[3]	716.90	2.298	716.90	2.298	0.0	0.0	716.90	0.0
Dale	1.800[3]	312.00	1.346	311.50	1.345	0.50	2.143	312.00	0.0
Spurlock	1.200[3]	892.00	2.094	231.00	1.018	661.00	2.470	264.10	627.90
Utility Totals	-	1920.90	-	1259.40	-	661.50	-	1293.00	627.90
Eastern Iowa Lt & Pwr									
Fair	6.000[3]	123.93	5.233	113.83	5.157	10.10	6.095	123.93	0.0
Utility Totals	-	123.93	-	113.83	-	10.10	-	123.93	0.0
Electric Energy									
Joppa	6.000[3]	2534.00	3.440	2534.00	3.440	0.0	0.0	2534.00	0.0
Utility Totals	-	2534.00	-	2534.00	-	0.0	-	2534.00	0.0
Empire Dist Electric									
Riverton	16.000[4]	229.16	2.926	229.16	2.926	0.0	0.0	229.16	0.0
Asbury	16.000[4]	640.29	10.051	640.29	10.051	0.0	0.0	640.29	0.0
Utility Totals	-	869.45	-	869.45	-	0.0	-	869.45	0.0
Florida Power and Light									
Sanford	16.000[4]	51.00	1.017	51.00	1.017	0.0	0.0	51.00	0.0
Utility Totals	-	51.00	-	51.00	-	0.0	-	51.00	0.0
Florida Power Corp									
Crystal River	6.170[3]	1920.00	3.310	1920.00	3.310	0.0	0.0	1920.00	0.0
Utility Totals	-	1920.00	-	1920.00	-	0.0	-	1920.00	0.0

Table 55. Coal Receipts to Plants for the Past Twelve Months Meeting or Not Meeting 1980 Sulfur Regulations (Thousand Tons) —Cont.

Company Plant (1)	1979 Sulfur Reg (2)	Receipts: Total Quantity (3)	Receipts: Avg. Sulfur Cont (4)	Before Blending: Quantity Meeting (5)	Before Blending: Avg. Sulfur Cont (6)	Before Blending: Quantity Not Meeting (7)	After Blending: Avg. Sulfur Cont (8)	After Blending: Quantity Meeting (9)	After Blending: Quantity Not Meeting (10)
Fremont Dept of Pub Utils									
Wright	2.500[3]	176.70	0.762	176.70	0.762	0.0	0.0	176.70	0.0
Utility Totals	-	176.70	-	176.70	-	0.0	-	176.70	0.0
Gainesville-Alachua County Utils									
Deerhaven	1.200[3]	26.10	0.978	26.10	0.978	0.0	0.0	26.10	0.0
Utility Totals	-	26.10	-	26.10	-	0.0	-	26.10	0.0
Georgia Power (Southern Co)									
Arkwright	0.310[1]	263.10	1.888	0.0	0.0	263.10	1.888	0.0	263.10
Atkinson	0.200[1]	841.80	2.018	0.0	0.0	841.80	2.018	0.0	841.80
Bowen	3.000[1]	7142.90	1.830	7142.90	1.830	0.0	0.0	7142.90	0.0
Hammond	3.000[1]	1466.80	1.694	1466.80	1.694	0.0	0.0	1466.80	0.0
Harllee Branch	3.000[1]	2012.20	1.259	2012.20	1.259	0.0	0.0	2012.20	0.0
Mitchell	0.160[1]	476.70	1.158	0.0	0.0	476.70	1.158	0.0	476.70
Yates	0.240[1]	3078.90	1.949	0.0	0.0	3078.90	1.949	0.0	3078.90
Wansley	3.000[1]	5444.10	2.202	5182.80	2.156	261.30	3.111	5444.10	0.0
Utility Totals	-	20726.50	-	15804.70	-	4921.80	-	16066.00	4660.50
Greenwood Utils									
Henderson Statio	4.800[3]	76.00	2.643	76.00	2.643	0.0	0.0	76.00	0.0
Utility Totals	-	76.00	-	76.00	-	0.0	-	76.00	0.0
Gulf Power									
Crist	1.500[3]	1712.60	4.228	0.0	0.0	1712.60	4.228	0.0	1712.60
Scholtz	6.170[3]	170.60	5.177	170.60	5.177	0.0	0.0	170.60	0.0
Smith	6.170[3]	956.80	1.848	956.80	1.848	0.0	0.0	956.80	0.0
Utility Totals	-	2840.00	-	1127.40	-	1712.60	-	1127.40	1712.60
Hamilton, City of									
Hamilton	1.400[3]	185.23	1.242	105.58	1.117	79.65	1.407	185.23	0.0
Utility Totals	-	185.23	-	105.58	-	79.65	-	185.23	0.0
Henderson Municipal Pwr & Lt									
Henderson	5.200[3]	149.00	4.556	135.00	4.469	14.00	5.394	149.00	0.0
Utility Totals	-	149.00	-	135.00	-	14.00	-	149.00	0.0
Holland Board of Public Wks									
James De Young	1.500[1]	124.32	1.426	64.02	0.926	60.30	1.957	124.32	0.0
Utility Totals	-	124.32	-	64.02	-	60.30	-	124.32	0.0
Hoosier Energy Div-Indiana Rec									
Frank E Ratts	16.000[4]	754.50	6.527	754.50	6.527	0.0	0.0	754.50	0.0
Utility Totals	-	754.50	-	754.50	-	0.0	-	754.50	0.0
Houston Lighting & Power									
Parish	3.000[3]	5794.10	0.937	5794.10	0.937	0.0	0.0	5794.10	0.0
Utility Totals	-	5794.10	-	5794.10	-	0.0	-	5794.10	0.0
Illinois Power									
Baldwin	1.800[3]	4772.52	5.418	56.32	1.246	4716.20	5.468	64.83	4707.69
Havana	1.800[3]	432.77	0.937	432.77	0.937	0.0	0.0	432.77	0.0
Hennepin	6.000[3]	828.77	4.488	828.77	4.488	0.0	0.0	828.77	0.0
Vermilion	6.000[3]	503.96	5.196	425.48	4.948	78.48	6.542	503.96	0.0
Wood River	1.800[3]	835.85	1.184	835.85	1.184	0.0	0.0	835.85	0.0
Utility Totals	-	7373.87	-	2579.19	-	4794.68	-	2666.18	4707.69
City of Independence Pwr & Lt									
Blue Valley	16.000[4]	244.27	6.537	244.27	6.537	0.0	0.0	244.27	0.0
Utility Totals	-	244.27	-	244.27	-	0.0	-	244.27	0.0
Indianapolis Power & Light									
Stout	1.200[3]	1528.40	3.354	0.0	0.0	1528.40	3.354	0.0	1528.40
Pritchard	16.000[4]	547.00	3.705	547.00	3.705	0.0	0.0	547.00	0.0
Perry	2.220[3]	406.00	3.935	23.00	2.128	383.00	4.043	24.16	381.84
Petersburg	16.000[4]	3658.20	4.662	3658.20	4.662	0.0	0.0	3658.20	0.0[14]
Utility Totals	-	6139.60	-	4228.20	-	1911.40	-	4229.36	1910.24
Interstate Power									
Dubuque	6.000[3]	120.90	4.339	95.50	3.819	25.40	6.294	120.90	0.0
Lansing	5.000[3]	803.40	1.253	769.10	1.041	34.30	5.995	803.40	0.0
Kapp	6.000[3]	577.40	4.963	395.70	4.346	181.70	6.306	577.40	0.0
Fox Lake	2.000[1]	50.10	0.669	50.10	0.669	0.0	0.0	50.10	0.0
Utility Totals	-	1551.80	-	1310.40	-	241.40	-	1551.80	0.0
Iowa Electric Light & Power									
Boone	5.000[3]	5.00	6.077	0.0	0.0	5.00	6.077	0.0	5.00
6th St	6.000[3]	58.00	4.394	47.00	3.890	11.00	6.549	58.00	0.0
Praire Creek 4	6.000[3]	406.00	3.210	271.00	1.529	135.00	6.583	406.00	0.0
Sutherland	5.000[3]	262.00	7.433	32.00	4.570	230.00	7.831	36.86	225.14
Utility Totals	-	731.00	-	350.00	-	381.00	-	500.86	230.14

Table 55. Coal Receipts to Plants for the Past Twelve Months Meeting or Not Meeting 1980 Sulfur Regulations (Thousand Tons) —Cont.

Company Plant (1)	1979 Sulfur Reg (2)	Receipts: Total Quantity (3)	Receipts: Avg. Sulfur Cont (4)	Before Blending: Quantity Meeting (5)	Before Blending: Avg. Sulfur Cont (6)	Before Blending: Quantity Not Meeting (7)	Before Blending: Avg. Sulfur Cont (8)	After Blending: Quantity Meeting (9)	After Blending: Quantity Not Meeting (10)
Iowa-Illinois Gas & Electric									
Riverside	6.000[3]	338.80	5.129	338.80	5.129	0.0	0.0	338.80	0.0
Utility Totals	-	338.80	-	338.80	-	0.0	-	338.80	0.0
Iowa Power & Light									
Council Bluffs	5.000[3]	2238.60	0.791	2238.60	0.791	0.0	0.0	2238.60	0.0
Des Moines	5.000[3]	300.16	4.314	140.06	2.131	160.10	6.224	300.16	0.0
Utility Totals	-	2538.76	-	2378.66	-	160.10	-	2538.76	0.0
Iowa Public Service									
George Neal	5.000[3]	4116.40	1.228	4019.50	1.112	96.90	6.046	4116.40	0.0
Maynard	5.000[3]	9.50	0.906	9.50	0.906	0.0	0.0	9.50	0.0
Utility Totals	-	4125.90	-	4029.00	-	96.90	-	4125.90	0.0
Iowa Southern Utilities									
Burlington	6.000[3]	359.10	4.997	359.10	4.997	0.0	0.0	359.10	0.0
Ottumwa	1.200[3]	560.50	0.847	560.50	0.847	0.0	0.0	560.50	0.0
Utility Totals	-	919.60	-	919.60	-	0.0	-	919.60	0.0
Jamestown Bd of Pub Utils									
Samuel A Carlson	1.900[2]	168.03	1.877	109.31	1.599	58.72	2.394	168.03	0.0
Utility Totals	-	168.03	-	109.31	-	58.72	-	168.03	0.0
Kansas City Bd Pub Utils (CTU)									
Kaw	1.500[2]	281.49	2.299	83.98	1.412	197.51	2.676	90.26	191.23
Quindar0	1.500[2]	399.01	2.584	26.60	1.276	372.42	2.677	31.66	367.35
Utility Totals	-	680.50	-	110.58	-	569.93	-	121.93	558.57
Kansas City Power & Light									
La Cygne	1.500[2]	3839.80	2.202	2488.00	0.390	1351.80	5.537	3172.09	667.71
Grand Ave	16.000[4]	70.70	6.145	70.70	6.145	0.0	0.0	70.70	0.0
Hawthorne	16.000[4]	1268.30	4.210	1268.30	4.210	0.0	0.0	1268.30	0.0
Montrose	16.000[4]	1354.30	12.315	1354.30	12.315	0.0	0.0	1354.30	0.0
Iatan	1.200[3]	2206.10	0.772	2206.10	0.772	0.0	0.0	2206.10	0.0
Utility Totals	-	8739.20	-	7387.40	-	1351.80	-	8071.49	667.71[15]
The Kansas Power & Light Co									
Lawrence	1.500[2]	1059.40	0.521	1059.40	0.521	0.0	0.0	1059.40	0.0
Tecumseh	1.500[2]	436.70	0.524	436.70	0.524	0.0	0.0	436.70	0.0
Jeffery Energy C	1.500[3]	3996.00	0.784	3996.00	0.784	0.0	0.0	3996.00	0.0
Utility Totals	-	5492.10	-	5492.10	-	0.0	-	5492.10	0.0[35]
Kentucky Utilities									
Brown	6.000[3]	1299.57	3.495	1189.05	3.116	110.52	7.567	1299.57	0.0
Ghent	6.000[3]	2309.46	3.708	2309.46	3.708	0.0	0.0	2309.46	0.0
Green River	5.200[3]	406.82	3:842	372.01	3.671	34.81	5.675	406.82	0.0[16]
Pineville	1.800[3]	22.86	1.584	14.93	1.344	7.93	2.036	22.86	0.0
Tyrone	1.800[3]	59.03	1.713	14.41	1.163	44.62	1.891	59.03	0.0
Utility Totals	-	4097.74	-	3899.86	-	197.88	-	4097.74	0.0
Lake Superior Dist Power									
Bay Front	1.200[3]	132.79	2.273	9.62	1.013	123.17	2.371	11.16	121.63
Utility Totals	-	132.79	-	9.62	-	123.17	-	11.16	121.63
Lansing Bd of Wtr & Lt									
Eckert	1.500[1]	712.30	0.831	712.30	0.831	0.0	0.0	712.30	0.0
Erickson	1.500[1]	402.90	0.724	402.90	0.724	0.0	0.0	402.90	0.0
Ottawa	1.500[1]	33.90	0.717	33.90	0.717	0.0	0.0	33.90	0.0
Utility Totals	-	1149.10	-	1149.10	-	0.0	-	1149.10	0.0
Logansport Indiana Electric Dept									
Logansport	16.000[4]	60.48	2.475	60.48	2.475	0.0	0.0	60.48	0.0
Utility Totals	-	60.48	-	60.48	-	0.0	-	60.48	0.0
Louisville Gas & Electric									
Cane Run	1.200[3]	1352.20	6.126	0.0	0.0	1352.20	6.126	0.0	1352.20
Mill Creek	1.200[3]	2117.20	6.398	0.0	0.0	2117.20	6.398	0.0	2117.20
Paddys Run	1.200[3]	17.20	6.424	0.0	0.0	17.20	6.424	0.0	17.20
Utility Totals	-	3486.60	-	0.0	-	3486.60	-	0.0	3486.60[17]
Lower Colorado River Authority									
Sam Seymour/Faye	1.200[3]	3398.00	0.810	3398.00	0.810	0.0	0.0	3398.00	0.0
Utility Totals	-	3398.00	-	3398.00	-	0.0	-	3398.00	0.0
Madison Gas & Electric									
Blount	16.000[4]	168.70	4.988	168.70	4.988	0.0	0.0	168.70	0.0
Utility Totals	-	168.70	-	168.70	-	0.0	-	168.70	0.0
Manitowoc Public Utilities									
Manitowoc	1.200[3]	66.60	1.778	5.43	1.193	61.17	1.830	5.49	61.11
Utility Totals	-	66.60	-	5.43	-	61.17	-	5.49	61.11
Marquette Bd of Lt & Pwr									
Shiras	2.000[1]	73.50	1.546	71.50	1.530	2.00	2.110	73.50	0.0
Utility Totals	-	73.50	-	71.50	-	2.00	-	73.50	0.0

Table 55. Coal Receipts to Plants for the Past Twelve Months Meeting or Not Meeting 1980 Sulfur Regulations (Thousand Tons) —Cont.

Company Plant (1)	1979 Sulfur Reg (2)	Receipts Total Quantity (3)	Receipts Avg. Sulfur Cont (4)	Before Blending Quantity Meeting (5)	Before Blending Avg. Sulfur Cont (6)	Before Blending Quantity Not Meeting (7)	Before Blending Avg. Sulfur Cont (8)	After Blending Quantity Meeting (9)	After Blending Quantity Not Meeting (10)
Marshall Mun Util									
Marshall	16.000[4]	2.00	7.164	2.00	7.164	0.0	0.0	2.00	0.0
Utility Totals	-	2.00	-	2.00	-	0.0	-	2.00	0.0
Marshfield Elec & Wtr Dept									
Wildwood	1.200[3]	44.87	3.946	0.0	0.0	44.87	3.946	0.0	44.87
Utility Totals	-	44.87	-	0.0	-	44.87	-	0.0	44.87
Menasha Elec & Wtr Utilities									
Menasha	16.000[4]	25.81	3.211	25.81	3.211	0.0	0.0	25.81	0.0
Utility Totals	-	25.81	-	25.81	-	0.0	-	25.81	0.0
Michigan St University									
Plant 65	2.000[1]	155.74	0.841	155.74	0.841	0.0	0.0	155.74	0.0
Utility Totals	-	155.74	-	155.74	-	0.0	-	155.74	0.0
Minnesota Power & Light									
Aurora	2.000[1]	207.40	0.996	207.40	0.996	0.0	0.0	207.40	0.0
Boswell	2.000[1]	3028.00	0.846	3028.00	0.846	0.0	0.0	3028.00	0.0[18]
Utility Totals	-	3235.40	-	3235.40	-	0.0	-	3235.40	0.0
Minnkota Power Coop									
Young	3.000[3]	3865.23	1.878	3865.23	1.878	0.0	0.0	3865.23	0.0[19]
Utility Totals	-	3865.23	-	3865.23	-	0.0	-	3865.23	0.0
Mississippi Power (Southern Co)									
Watson	2.400[3]	1791.10	4.258	0.0	0.0	1791.10	4.258	0.0	1791.10
Jackson County	1.200[3]	1159.70	0.932	1159.70	0.932	0.0	0.0	1159.70	0.0
Utility Totals	-	2950.80	-	1159.70	-	1791.10	-	1159.70	1791.10
Missouri Public Service									
Sibley	16.000[4]	735.89	5.805	735.89	5.805	0.0	0.0	735.89	0.0
Utility Totals	-	735.89	-	735.89	-	0.0	-	735.89	0.0
Montana-Dakota Utilities									
Lewis & Clark	1.000[2]	292.80	0.714	292.80	0.714	0.0	0.0	292.80	0.0
Heskett	3.000[3]	522.70	2.175	522.70	2.175	0.0	0.0	522.70	0.0
Utility Totals	-	815.50	-	815.50	-	0.0	-	815.50	0.0
The Montana Power Co									
Corette	1.000[2]	529.00	0.920	407.00	0.885	122.00	1.036	529.00	0.0
Colstrip	1.000[2]	2542.00	0.898	2542.00	0.898	0.0	0.0	2542.00	0.0[36]
Utility Totals	-	3071.00	-	2949.00	-	122.00	-	3071.00	0.0
Moorhead Pub Serv Dept									
Moorhead	2.000[1]	86.64	0.624	86.64	0.624	0.0	0.0	86.64	0.0
Utility Totals	-	86.64	-	86.64	-	0.0	-	86.64	0.0
Muscatine Pwr & Wtr									
Muscatine	6.000[3]	212.18	5.574	212.18	5.574	0.0	0.0	212.18	0.0
Utility Totals	-	212.18	-	212.18	-	0.0	-	212.18	0.0
Nebraska Public Power Sys									
Kramer	2.500[3]	206.39	1.024	206.39	1.024	0.0	0.0	206.39	0.0
Sheldon	2.500[3]	435.98	1.393	435.98	1.393	0.0	0.0	435.98	0.0
Gerald Gentleman	1.200[3]	1230.74	0.838	1230.74	0.838	0.0	0.0	1230.74	0.0
Utility Totals	-	1873.11	-	1873.11	-	0.0	-	1873.11	0.0
Nevada Power									
Gardner	0.150[2]	942.20	0.465	0.0	0.0	942.20	0.465	0.0	942.20[21]
Utility Totals	-	942.20	-	0.0	-	942.20	-	0.0	942.20
New England Power (NEES)									
Brayton	1.500[1]	633.49	1.157	633.49	1.157	0.0	0.0	633.49	0.0
Utility Totals	-	633.49	-	633.49	-	0.0	-	633.49	0.0
Pub Utils Comm - New Ulm									
New Ulm	16.000[4]	40.80	4.068	40.80	4.068	0.0	0.0	40.80	0.0
Utility Totals	-	40.80	-	40.80	-	0.0	-	40.80	0.0
New York St Elec & Gas									
Goudey	1.900[2]	338.12	1.683	230.62	1.430	107.50	2.225	338.12	0.0
Greenidge	1.900[2]	594.60	1.747	368.60	1.533	226.00	2.096	594.60	0.0
Hickling	1.900[2]	358.30	0.752	358.30	0.752	0.0	0.0	358.30	0.0
Jennison	1.900[2]	300.30	0.826	299.70	0.824	0.60	2.039	300.30	0.0
Milliken	1.900[2]	825.90	1.568	749.10	1.514	76.80	2.092	825.90	0.0
Utility Totals	-	2417.22	-	2006.32	-	410.90	-	2417.22	0.0
Niagra-Mohawk Power									
Huntley	1.400[2]	1650.00	1.190	1215.00	1.082	435.00	1.490	1650.00	0.0
Dunkirk	1.900[2]	1343.00	1.678	1144.00	1.605	199.00	2.099	1343.00	0.0
Utility Totals	-	2993.00	-	2359.00	-	634.00	-	2993.00	0.0
Northern Indiana Public Service									
Bailly	16.000[4]	768.70	6.019	768.70	6.019	0.0	0.0	768.70	0.0
Mitchell	1.200[3]	1087.00	2.032	742.60	0.735	344.40	4.829	837.75	249.25[22]
Michigan City	1.200[3]	1444.30	5.090	0.0	0.0	1444.30	5.090	0.0	1444.30
Schahfer	1.200[3]	1497.80	1.210	804.00	1.083	693.80	1.357	1403.15	94.65
Utility Totals	-	4797.80	-	2315.30	-	2482.50	-	3009.61	1788.19

Table 55. Coal Receipts to Plants for the Past Twelve Months Meeting or Not Meeting 1980 Sulfur Regulations (Thousand Tons) —Cont.

Company Plant (1)	1979 Sulfur Reg (2)	Receipts Total Quantity (3)	Receipts Avg. Sulfur Cont (4)	Before Blending Quantity Meeting (5)	Before Blending Avg. Sulfur Cont (6)	Before Blending Quantity Not Meeting (7)	After Blending Avg. Sulfur Cont (8)	After Blending Quantity Meeting (9)	After Blending Quantity Not Meeting (10)
Northern Michigan Electric Coop									
Advance	2.000[1]	132.26	1.708	124.23	1.683	8.03	2.090	132.26	0.0
Utility Totals	-	132.26	-	124.23	-	8.03	-	132.26	0.0
Northern States Power									
Black Dog	1.500[1]	616.40	1.253	508.60	0.810	107.80	3.343	616.40	0.0
High Bridge	1.500[1]	498.30	1.533	350.80	0.797	147.50	3.285	488.96	9.34
King	1.500[1]	1459.60	1.240	1226.20	0.837	233.40	3.359	1459.60	0.0
Minn Valley	2.000[1]	27.50	1.644	16.20	0.793	11.30	2.865	27.50	0.0
Riverside	1.500[1]	512.50	0.800	512.50	0.800	0.0	0.0	512.50	0.0
Wilmarth	16.000[4]	21.30	2.901	21.30	2.901	0.0	0.0	21.30	0.0
Sherburn Cty	2.000[1]	4678.00	0.793	4678.00	0.793	0.0	0.0	4678.00	0.0
Utility Totals	-	7813.60	-	7313.60	-	500.00	-	7804.26	9.34[23]
Ohio Edison									
Edgewater	1.700[3]	401.90	2.846	107.00	1.330	294.90	3.396	130.34	271.56
Gorge Steam	2.560[3]	226.90	4.554	4.40	1.427	222.50	4.616	6.82	220.08
Mad River	4.620[3]	82.60	1.410	82.60	1.410	0.0	0.0	82.60	0.0
Niles	5.410[3]	499.70	4.265	471.90	4.154	27.80	6.141	499.70	0.0
Norwalk	8.000[3]	1.60	5.505	1.60	5.505	0.0	0.0	1.60	0.0
Burger	16.000[4]	991.10	6.451	991.10	6.451	0.0	0.0	991.10	0.0
Sammis	2.910[3]	4894.28	2.658	3151.00	1.860	1743.28	4.099	4894.28	0.0
Toronto	8.100[3]	407.10	5.077	407.10	5.077	0.0	0.0	407.10	0.0
Utility Totals	-	7505.18	-	5216.70	-	2288.48	-	7013.55	491.63
Ohio Valley Electric Coop									
Kyger Creek	8.200[3]	2732.00	6.499	2725.00	6.494	7.00	8.325	2732.00	0.0
Utility Totals	-	2732.00	-	2725.00	-	7.00	-	2732.00	0.0
Oklahoma Gas & Electric									
Muskogee	1.200[3]	3103.98	0.830	3103.98	0.830	0.0	0.0	3103.98	0.0
Sooner	1.200[3]	1940.70	0.828	1940.70	0.828	0.0	0.0	1940.70	0.0
Utility Totals	-	5044.68	-	5044.68	-	0.0	-	5044.68	0.0
Omaha Public Power District									
North Omaha	2.500[3]	923.72	1.787	901.01	1.769	22.71	2.516	923.72	0.0
Nebraska City	1.200[3]	1636.64	0.922	1636.64	0.922	0.0	0.0	1636.64	0.0
Utility Totals	-	2560.36	-	2537.65	-	22.71	-	2560.36	0.0
Orrville Municipal Utilities									
Vine Street	7.000[3]	115.10	6.087	115.10	6.087	0.0	0.0	115.10	0.0
Utility Totals	-	115.10	-	115.10	-	0.0	-	115.10	0.0
Otter Tail Power									
Hoot Lake	2.000[1]	633.40	0.688	633.40	0.688	0.0	0.0	633.40	0.0
Big Stone	3.000[3]	2453.70	2.339	2453.70	2.339	0.0	0.0	2453.70	0.0
Utility Totals	-	3087.10	-	3087.10	-	0.0	-	3087.10	0.0
Owensboro Municipal Utilities									
Smith	6.000[3]	936.00	4.611	936.00	4.611	0.0	0.0	936.00	0.0
Utility Totals	-	936.00	-	936.00	-	0.0	-	936.00	0.0
Pacific Power & Light									
Centralia	5.970[3]	4800.00	2.000	4800.00	2.000	0.0	0.0	4800.00	0.0
Johnston	16.000[4]	3804.00	1.199	3804.00	1.199	0.0	0.0	3804.00	0.0
Wyodak	1.200[3]	1873.00	1.298	840.00	0.948	1033.00	1.583	1392.69	480.31
Jim Bridger	16.000[4]	5839.00	1.130	5839.00	1.130	0.0	0.0	5839.00	0.0[24]
Utility Totals	-	16316.00	-	15283.00	-	1033.00	-	15835.69	480.31
Painesville Electric Lt Dept									
Painesville	5.200[3]	89.14	4.506	56.59	3.698	32.55	5.911	89.14	0.0
Utility Totals	-	89.14	-	56.59	-	32.55	-	89.14	0.0
Pella Municipal Power & Light									
Pella	5.000[3]	77.18	5.797	17.11	0.745	60.07	7.236	49.67	27.51
Utility Totals	-	77.18	-	17.11	-	60.07	-	49.67	27.51
Pennsylvania Power & Light									
Brunner Island	4.000[3]	3859.00	3.215	3732.00	3.185	127.00	4.082	3859.00	0.0
Holtwood	4.000[3]	236.00	1.394	236.00	1.394	0.0	0.0	236.00	0.0
Martins Creek	4.000[3]	770.00	3.398	770.00	3.398	0.0	0.0	770.00	0.0
Montour	4.000[3]	3799.00	2.445	3799.00	2.445	0.0	0.0	3799.00	0.0
Sunbury	4.000[3]	1352.00	2.450	1349.00	2.444	3.00	5.362	1352.00	0.0
Utility Totals	-	10016.00	-	9886.00	-	130.00	-	10016.00	0.0
Pennsylvania Power									
New Castle	0.720[3]	853.48	2.017	0.0	0.0	853.48	2.017	0.0	853.48
Mansfield	1.200[3]	4094.00	5.568	0.0	0.0	4094.00	5.568	0.0	4094.00[25]
Utility Totals	-	4947.48	-	0.0	-	4947.48	-	0.0	4947.48
Peru Utilities									
Peru	16.000[4]	52.05	6.955	52.05	6.955	0.0	0.0	52.05	0.0
Utility Totals	-	52.05	-	52.05	-	0.0	-	52.05	0.0

Table 55. Coal Receipts to Plants for the Past Twelve Months Meeting or Not Meeting 1980 Sulfur Regulations (Thousand Tons) —Cont.

Company Plant (1)	1979 Sulfur Reg (2)	Receipts: Total Quantity (3)	Receipts: Avg. Sulfur Cont (4)	Before Blending: Quantity Meeting (5)	Before Blending: Avg. Sulfur Cont (6)	Before Blending: Quantity Not Meeting (7)	After Blending: Avg. Sulfur Cont (8)	After Blending: Quantity Meeting (9)	After Blending: Quantity Not Meeting (10)
Philadelphia Electric									
Cromby	0.620[3]	321.00	2.736	0.0	0.0	321.00	2.736	0.0	321.00
Eddystone	0.600[3]	984.00	2.891	0.0	0.0	984.00	2.891	0.0	984.00
Utility Totals	-	1305.00	-	0.0	-	1305.00	-	0.0	1305.00
Piqua Municipal Power System									
Piqua	4.780[3]	104.76	3.444	86.87	2.940	17.89	5.889	104.76	0.0
Utility Totals	-	104.76	-	86.87	-	17.89	-	104.76	0.0
Portland General Electric									
Boardman	1.200[3]	1070.50	0.853	1070.50	0.853	0.0	0.0	1070.50	0.0
Utility Totals	-	1070.50	-	1070.50	-	0.0	-	1070.50	0.0
Potomac Electric Power									
Chalk	1.000[1]	1035.00	1.782	0.0	0.0	1035.00	1.782	0.0	1035.00
Dickerson	1.000[1]	1198.00	1.580	0.0	0.0	1198.00	1.580	0.0	1198.00
Morgantown	3.500[3]	2581.00	3.035	2366.00	2.971	215.00	3.744	2581.00	0.0
Potomac River	1.910[3]	1056.00	1.080	1056.00	1.080	0.0	0.0	1056.00	0.0
Utility Totals	-	5870.00	-	3422.00	-	2448.00	-	3637.00	2233.00
Public Service Co of Colorado									
Araphoe	16.000[4]	995.50	0.939	995.50	0.939	0.0	0.0	995.50	0.0
Cameo	16.000[4]	218.60	0.813	218.60	0.813	0.0	0.0	218.60	0.0
Cherokee	16.000[4]	1418.10	0.809	1418.10	0.809	0.0	0.0	1418.10	0.0
Comanche	16.000[4]	2987.90	0.795	2987.90	0.795	0.0	0.0	2987.90	0.0
Valmont	16.000[4]	372.70	0.985	372.70	0.985	0.0	0.0	372.70	0.0
Utility Totals	-	5992.80	-	5992.80	-	0.0	-	5992.80	0.0
Public Serv Co of Indiana									
Cayuga	16.000[4]	2976.40	4.348	2976.40	4.348	0.0	0.0	2976.40	0.0
Edwardsport	16.000[4]	213.50	5.093	213.50	5.093	0.0	0.0	213.50	0.0
Noblesville	16.000[4]	77.80	5.702	77.80	5.702	0.0	0.0	77.80	0.0
Gallagher	16.000[4]	931.30	5.415	931.30	5.415	0.0	0.0	931.30	0.0
Wabash River	1.200[3]	1467.00	4.159	4.40	1.057	1462.60	4.168	4.61	1462.39
Gibson Station	16.000[4]	6490.90	5.108	6490.90	5.108	0.0	0.0	6490.90	0.0
Utility Totals	-	12156.90	-	10694.30	-	1462.60	-	10694.51	1462.39
Public Serv Co of New Hampshire									
Merrimack	2.800[2]	1052.30	1.897	1052.30	1.897	0.0	0.0	1052.30	0.0
Utility Totals	-	1052.30	-	1052.30	-	0.0	-	1052.30	0.0
Public Service Co of New Mexico									
San Juan	16.000[4]	3306.70	1.719	3306.70	1.719	0.0	0.0	3306.70	0.0[26]
Utility Totals	-	3306.70	-	3306.70	-	0.0	-	3306.70	0.0
Public Serv Co of Oklahoma (CSW)									
Northeastern	16.000[4]	2838.00	0.987	2838.00	0.987	0.0	0.0	2838.00	0.0
Utility Totals	-	2838.00	-	2838.00	-	0.0	-	2838.00	0.0
Public Serv Elec & Gas-NJ									
Hudson	0.200[1]	761.10	1.225	0.0	0.0	761.10	1.225	0.0	761.10
Mercer	0.200[1]	971.00	1.224	0.0	0.0	971.00	1.224	0.0	971.00
Utility Totals	-	1732.10	-	0.0	-	1732.10	-	0.0	1732.10
Richmond Power & Light									
Whitewater	1.790[3]	234.97	4.076	64.04	1.384	170.93	5.084	71.93	163.04
Utility Totals	-	234.97	-	64.04	-	170.93	-	71.93	163.04
Rochester Dept Pub Util									
Silver Lake	2.000[1]	181.79	2.106	32.39	1.896	149.40	2.152	54.55	127.24
Utility Totals	-	181.79	-	32.39	-	149.40	-	54.55	127.24
Rochester Gas & Elec Corp									
Rochester 3	1.900[2]	208.10	2.229	51.00	1.705	157.10	2.399	70.93	137.17
Rochester 7	1.900[2]	581.80	1.884	367.40	1.706	214.40	2.190	581.80	0.0
Utility Totals	-	789.90	-	418.40	-	371.50	-	652.73	137.17
Salt River Project									
Navajo	1.420[3]	7190.30	0.886	7190.30	0.886	0.0	0.0	7190.30	0.0
Coronado	0.800[3]	1991.70	0.871	721.10	0.750	1270.60	0.940	978.64	1013.06[27]
Utility Totals	-	9182.00	-	7911.40	-	1270.60	-	8168.94	1013.06
City Pub Serv-San Antonio									
Deeley	1.200[3]	3256.20	1.729	2850.50	0.839	405.70	7.981	3002.25	253.95
Utility Totals	-	3256.20	-	2850.50	-	405.70	-	3002.25	253.95
Savannah Electric & Power									
Port Wentworth	0.920[3]	580.07	1.545	0.0	0.0	580.07	1.545	0.0	580.07
Utility Totals	-	580.07	-	0.0	-	580.07	-	0.0	580.07
South Carolina Electric & Gas									
Canadys	3.500[3]	1134.54	2.587	1003.64	2.408	130.90	3.957	1134.54	0.0
Mcmeekin	3.500[3]	630.09	2.333	590.09	2.235	40.00	3.783	630.09	0.0

Table 55. Coal Receipts to Plants for the Past Twelve Months Meeting or Not Meeting 1980 Sulfur Regulations (Thousand Tons) —Cont.

Company Plant (1)	1979 Sulfur Reg (2)	Receipts Total Quantity (3)	Receipts Avg. Sulfur Cont (4)	Before Blending Quantity Meeting (5)	Before Blending Avg. Sulfur Cont (6)	Before Blending Quantity Not Meeting (7)	Before Blending Avg. Sulfur Cont (8)	After Blending Quantity Meeting (9)	After Blending Quantity Not Meeting (10)
Urguhart	2.300[3]	719.42	2.625	315.40	1.839	404.02	3.239	470.24	249.18
Wateree	3.500[3]	1555.07	2.194	1483.17	2.102	71.90	4.102	1555.07	0.0
Utility Totals	-	4039.12	-	3392.30	-	646.82	-	3789.94	249.18
South Carolina Pub Serv Auth									
Grainger	3.500[3]	355.19	2.648	293.75	2.355	61.44	4.048	355.19	0.0
Jefferies	3.500[3]	650.75	3.077	556.86	2.930	93.89	3.948	650.75	0.0
Georgetown	1.200[3]	1890.87	1.761	5.95	1.023	1884.92	1.763	7.82	1883.05[28]
Utility Totals	-	2896.81	-	856.56	-	2040.25	-	1013.76	1883.05
South Mississippi Elec Pwr Assn									
R D Morrow	1.200[3]	724.60	1.827	0.0	0.0	724.60	1.827	0.0	724.60[29]
Utility Totals	-	724.60	-	0.0	-	724.60	-	0.0	724.60
Southern California Edison									
Mohave	0.150[2]	3573.00	0.502	0.0	0.0	3573.00	0.502	0.0	3573.00
Utility Totals	-	3573.00	-	0.0	-	3573.00	-	0.0	3573.00
Southern Illinois Power Coop									
Marion	6.000[3]	633.19	5.187	478.11	4.616	155.08	6.948	633.19	0.0[30]
Utility Totals	-	633.19	-	478.11	-	155.08	-	633.19	0.0
Southern Indiana Gas & Elec									
Culley	1.200[3]	1201.45	5.733	0.0	0.0	1201.45	5.733	0.0	1201.45
A B Brown	1.200[3]	665.95	6.224	0.0	0.0	665.95	6.224	0.0	665.95[31]
Warrick	1.200[3]	2411.44	6.021	0.0	0.0	2411.44	6.021	0.0	2411.44
Utility Totals	-	4278.84	-	0.0	-	4278.84	-	0.0	4278.84
Southwestern Elec Pwr (CSW)									
Flint Creek	1.200[3]	1681.00	0.784	1681.00	0.784	0.0	0.0	1681.00	0.0
Welsh Station	1.200[3]	3397.00	0.785	3397.00	0.785	0.0	0.0	3397.00	0.0
Utility Totals	-	5078.00	-	5078.00	-	0.0	-	5078.00	0.0
Southwest Pub Serv-New Mexico									
Harrington	1.200[3]	2931.00	0.951	2931.00	0.951	0.0	0.0	2931.00	0.0
Utility Totals	-	2931.00	-	2931.00	-	0.0	-	2931.00	0.0
Springfield Wtr Lt & Pwr Dept									
Dallman	6.000[3]	714.58	6.058	198.78	5.145	515.80	6.410	613.31	101.27[32]
Lakeside	6.000[3]	131.93	6.057	32.87	5.248	99.06	6.325	108.93	23.00
Utility Totals	-	846.51	-	231.65	-	614.86	-	722.24	124.27
City Utilities of Springfield									
James River	16.000[4]	198.29	6.796	198.29	6.796	0.0	0.0	198.29	0.0
Southwest	16.000[4]	355.05	7.226	355.05	7.226	0.0	0.0	355.05	0.0[8]
Utility Totals	-	553.34	-	553.34	-	0.0	-	553.34	0.0
St Joseph Light & Power									
Lakeroad	16.000[4]	224.70	7.754	224.70	7.754	0.0	0.0	224.70	0.0
Utility Totals	-	224.70	-	224.70	-	0.0	-	224.70	0.0
Tampa Electric									
Big Bend	1.500[3]	2719.67	4.965	36.64	0.989	2683.03	5.019	41.96	2677.71
Gannon	1.500[3]	1127.23	2.074	57.36	1.328	1069.87	2.114	73.43	1053.80
Utility Totals	-	3846.90	-	94.00	-	3752.90	-	115.39	3731.51
Texas Pwr & Lt (Texas Utils)									
Big Brown	16.000[4]	5530.00	1.762	5530.00	1.762	0.0	0.0	5530.00	0.0
Martin Lake	1.200[3]	10823.00	2.687	0.0	0.0	10823.00	2.687	0.0	10823.00
Monticello	1.200[3]	10661.00	2.079	0.0	0.0	10661.00	2.079	0.0	10661.00
Utility Totals	-	27014.00	-	5530.00	-	21484.00	-	5530.00	21484.00[34]
The Toledo Edison Co									
Acme	3.000[3]	378.10	1.067	376.60	1.058	1.50	3.342	378.10	0.0
Bay Shore	1.200[3]	1412.90	1.197	1134.80	1.004	278.10	1.983	1412.90	0.0
Utility Totals	-	1791.00	-	1511.40	-	279.60	-	1791.00	0.0
Traverse, City of									
Bayside	2.000[1]	24.50	0.891	24.50	0.891	0.0	0.0	24.50	0.0
Utility Totals	-	24.50	-	24.50	-	0.0	-	24.50	0.0
Tennessee Valley Authority									
Colbert	4.000[3]	2841.51	3.903	2492.90	3.801	348.62	4.631	2841.51	0.0
Widows Creek	1.200[3]	2814.16	2.768	641.49	1.041	2172.67	3.278	690.57	2123.59[33]
Paradise	5.200[3]	4296.98	7.430	518.50	1.613	3778.48	8.228	1132.72	3164.26
Shawnee	1.200[3]	3448.91	2.652	2205.27	1.024	1243.64	5.538	2294.74	1154.17
Allen	4.000[3]	1581.85	3.840	1168.84	3.761	413.02	4.062	1581.85	0.0
Bull Run	4.000[3]	2450.81	1.640	2450.81	1.640	0.0	0.0	2450.81	0.0
Cumberland	5.000[3]	4962.82	7.028	622.04	4.646	4340.78	7.369	714.99	4247.83
Gallatin	5.000[3]	2799.62	4.712	2707.05	4.696	92.58	5.179	2799.62	0.0
Sevier	4.000[3]	2193.53	3.393	2122.72	3.363	70.81	4.291	2193.53	0.0
Johnsonville	1.200[3]	3044.88	3.903	199.87	1.061	2845.00	4.103	209.44	2835.44

Table 55. Coal Receipts to Plants for the Past Twelve Months Meeting or Not Meeting 1980 Sulfur Regulations (Thousand Tons) —Cont.

Company Plant (1)	1979 Sulfur Reg (2)	Receipts Total Quantity (3)	Receipts Avg. Sulfur Cont (4)	Before Blending Quantity Meeting (5)	Before Blending Avg. Sulfur Cont (6)	Before Blending Quantity Not Meeting (7)	After Blending Avg. Sulfur Cont (8)	After Blending Quantity Meeting (9)	After Blending Quantity Not Meeting (10)
Kingston	1.200[3]	4489.58	1.734	165.28	1.196	4324.30	1.755	166.47	4323.11
Watts Bar	4.000[3]	320.14	3.546	320.14	3.546	0.0	0.0	320.14	0.0
Utility Totals	-	35244.79	-	15614.91	-	19629.90	-	17396.40	17848.39
The United Gas Imp Co									
Hunlock Creek	4.000[3]	270.96	1.604	270.96	1.604	0.0	0.0	270.96	0.0
Utility Totals	-	270.96	-	270.96	-	0.0	-	270.96	0.0
Union Electric									
Labadie	16.000[4]	5810.00	4.332	5810.00	4.332	0.0	0.0	5810.00	0.0
Meramec	2.300[3]	1096.00	2.076	1096.00	2.076	0.0	0.0	1096.00	0.0
Sioux	2.300[3]	2126.00	4.337	523.00	0.772	1603.00	5.500	772.73	1353.27
Rush Island	2.000[1]	3368.00	0.953	3368.00	0.953	0.0	0.0	3368.00	0.0
Utility Totals	-	12400.00	-	10797.00	-	1603.00	-	11046.73	1353.27
United Power Association									
Elk River	2.000[1]	16.46	0.784	16.46	0.784	0.0	0.0	16.46	0.0
Stanton	3.000[3]	1025.80	1.849	1025.80	1.849	0.0	0.0	1025.80	0.0
Utility Totals	-	1042.26	-	1042.26	-	0.0	-	1042.26	0.0
Upper Peninsula Gen Co									
Presque Isle	1.500[1]	1420.00	0.684	1420.00	0.684	0.0	0.0	1420.00	0.0
Utility Totals	-	1420.00	-	1420.00	-	0.0	-	1420.00	0.0
Upper Peninsula Power									
Escanaba	2.000[1]	59.00	1.496	59.00	1.496	0.0	0.0	59.00	0.0
Utility Totals	-	59.00	-	59.00	-	0.0	-	59.00	0.0
Utah Power & Light									
Carbon	1.000[1]	395.00	0.556	395.00	0.556	0.0	0.0	395.00	0.0
Gadsby	1.000[1]	467.00	0.508	467.00	0.508	0.0	0.0	467.00	0.0
Hale	1.000[1]	81.00	0.584	81.00	0.584	0.0	0.0	81.00	0.0
Naughton	16.000[4]	2350.00	1.795	2350.00	1.795	0.0	0.0	2350.00	0.0
Emery-Hunter	1.200[3]	2009.00	0.955	1860.00	0.929	149.00	1.286	2009.00	0.0
Huntington	1.000[1]	2246.00	0.450	2246.00	0.450	0.0	0.0	2246.00	0.0
Utility Totals	-	7548.00	-	7399.00	-	149.00	-	7548.00	0.0[37]
Vineland, City of									
H M Down	1.000[1]	106.32	1.642	0.0	0.0	106.32	1.642	0.0	106.32
Utility Totals	-	106.32	-	0.0	-	106.32	-	0.0	106.32
Virginia Electric & Power									
Bremo Bluff	3.150[3]	610.00	1.564	610.00	1.564	0.0	0.0	610.00	0.0
Chesterfield	3.100[3]	759.00	2.019	759.00	2.019	0.0	0.0	759.00	0.0
Portsmouth	3.090[3]	474.00	1.344	474.00	1.344	0.0	0.0	474.00	0.0
Possum Point	1.520[3]	30.00	1.937	7.00	1.370	23.00	2.110	8.78	21.22
Mount Storm	2.900[3]	2660.00	3.138	806.00	2.577	1854.00	3.382	1346.12	1313.88
Utility Totals	-	4533.00	-	2656.00	-	1877.00	-	3197.90	1335.10
Virginia, Minn Dept of Pub Util									
Virginia	1.500[3]	92.80	2.118	0.0	0.0	92.80	2.118	0.0	92.80
Utility Totals	-	92.80	-	0.0	-	92.80	-	0.0	92.80
W Illinois Pwr Coop									
Pearl (GTS)	6.000[3]	71.73	6.032	28.27	5.232	43.46	6.553	67.53	4.20
Utility Totals	-	71.73	-	28.27	-	43.46	-	67.53	4.20
Willmar Mun Util Comm									
Willmar	2.000[1]	60.02	0.835	55.82	0.741	4.20	2.090	60.02	0.0
Utility Totals	-	60.02	-	55.82	-	4.20	-	60.02	0.0
Wisconsin Electric Power									
Oak Creek	16.000[4]	3124.40	3.975	3124.40	3.975	0.0	0.0	3124.40	0.0
Port Washington	16.000[4]	786.77	5.697	786.77	5.697	0.0	0.0	786.77	0.0
Valley	16.000[4]	779.33	4.494	779.33	4.494	0.0	0.0	779.33	0.0
Pleasant Prairie	1.200[3]	932.40	0.954	932.40	0.954	0.0	0.0	932.40	0.0
Utility Totals	-	5622.90	-	5622.90	-	0.0	-	5622.90	0.0
Wisconsin Power & Light									
Blackhawk	16.000[4]	31.61	5.710	31.61	5.710	0.0	0.0	31.61	0.0
Edgewater	16.000[4]	1038.23	5.382	1038.23	5.382	0.0	0.0	1038.23	0.0
Nelson Dewey	16.000[4]	510.56	5.021	510.56	5.021	0.0	0.0	510.56	0.0
Rock River	16.000[4]	169.85	6.027	169.85	6.027	0.0	0.0	169.85	0.0
Columbia	1.200[3]	3556.90	1.327	1731.44	0.838	1825.46	1.791	2791.98	764.92
Utility Totals	-	5307.15	-	3481.69	-	1825.46	-	4542.23	764.92
Wisconsin Public Service Corp									
Pulliam	16.000[4]	715.50	4.784	715.50	4.784	0.0	0.0	715.50	0.0
Weston	16.000[4]	311.20	5.896	311.20	5.896	0.0	0.0	311.20	0.0
Utility Totals	-	1026.70	-	1026.70	-	0.0	-	1026.70	0.0
Wyandotte Dept of Mun Serv									
Wyandotte	1.000[1]	44.02	0.735	44.02	0.735	0.0	0.0	44.02	0.0
Utility Totals	-	44.02	-	44.02	-	0.0	-	44.02	0.0

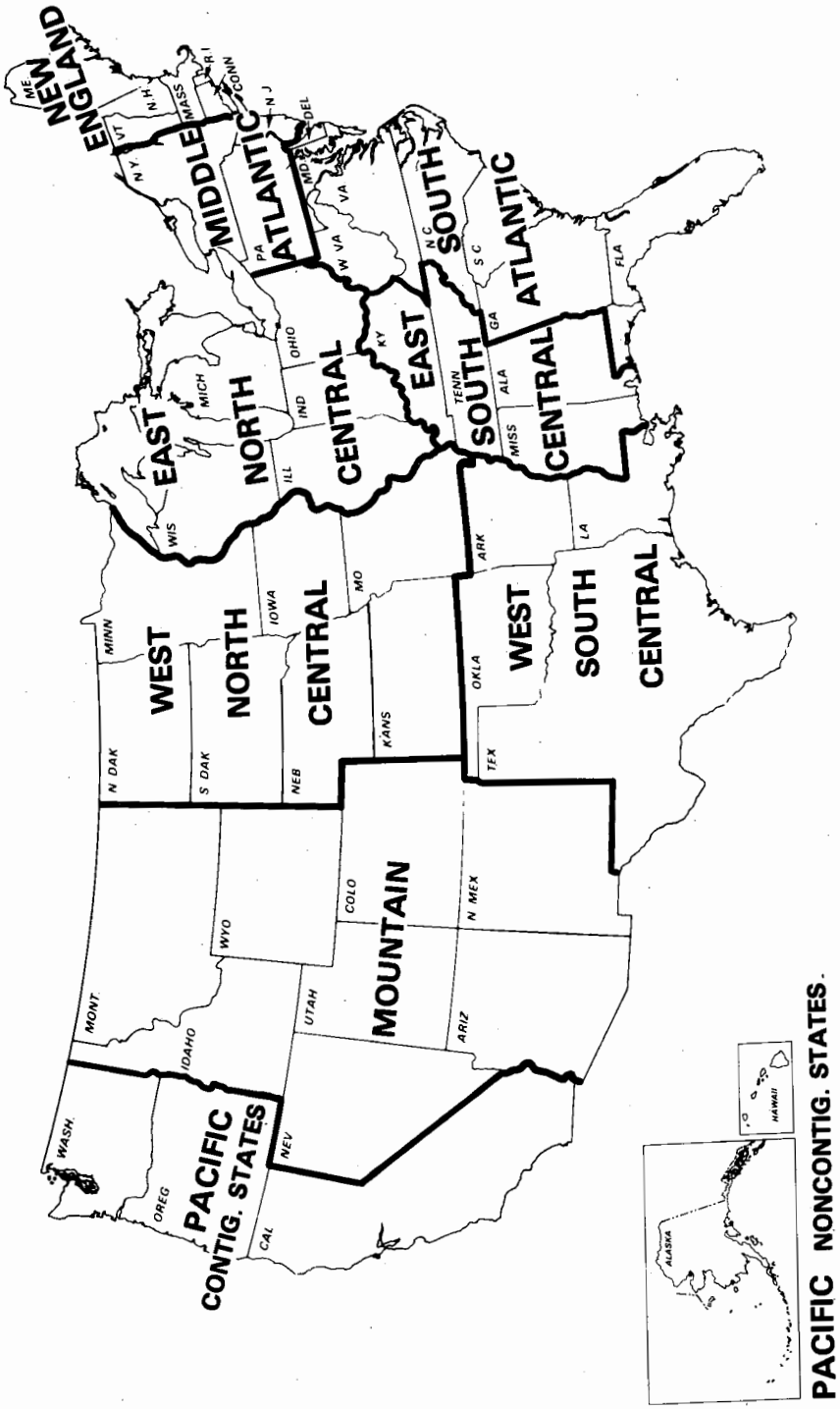
Table 55. Coal Receipts to Plants for the Past Twelve Months Meeting or Not Meeting 1980 Sulfur Regulations (Thousand Tons) —Cont.

Company Plant (1)	1979 Sulfur Reg (2)	Receipts Total Quantity (3)	Receipts Avg. Sulfur Cont (4)	Before Blending Quantity Meeting (5)	Before Blending Avg. Sulfur Cont (6)	Before Blending Quantity Not Meeting (7)	After Blending Avg. Sulfur Cont (8)	After Blending Quantity Meeting (9)	After Blending Quantity Not Meeting (10)
Appalachian Power (AEP)									
Clinch River	2.520[3]	1611.80	1.266	1611.80	1.266	0.0	0.0	1611.80	0.0
Glen Lyn	2.880[3]	661.60	1.491	661.60	1.491	0.0	0.0	661.60	0.0
Amos	2.010[3]	7864.60	1.310	7864.60	1.310	0.0	0.0	7864.60	0.0
Kanawha River	1.610[3]	1220.60	1.326	1216.80	1.325	3.80	1.675	1220.60	0.0
Mountaineer	1.200[3]	1935.40	1.077	1863.90	1.072	71.50	1.212	1935.40	0.0
Utility Totals	-	13294.00	-	13218.70	-	75.30	-	13294.00	0.0
Commonwealth Edison-Indiana									
State Line	1.200[3]	1220.00	0.891	1187.00	0.878	33.00	1.374	1220.00	0.0
Utility Totals	-	1220.00	-	1187.00	-	33.00	-	1220.00	0.0
Indiana-Kentucky Electric Corp									
Clifty Creek	1.200[3]	4250.00	6.728	0.0	0.0	4250.00	6.728	0.0	4250.00
Utility Totals	-	4250.00	-	0.0	-	4250.00	-	0.0	4250.00
Kentucky Power (AEP)									
Big Sandy	6.000[3]	2417.30	2.076	2417.30	2.076	0.0	0.0	2417.30	0.0
Utility Totals	-	2417.30	-	2417.30	-	0.0	-	2417.30	0.0
Monongahela Power (APS)									
Albright	4.420[3]	714.61	2.862	714.61	2.862	0.0	0.0	714.61	0.0
Ft Martin	3.200[3]	2421.68	3.238	810.46	1.458	1611.21	4.134	2322.05	99.63
Harrison	4.110[3]	4124.22	4.274	1225.69	3.401	2898.52	4.643	2856.11	1268.11
Rivesville	3.930[3]	278.86	2.221	278.86	2.221	0.0	0.0	278.86	0.0
Willow Island	3.760[3]	440.85	2.003	439.64	1.994	1.21	5.251	440.85	0.0
Pleasants	1.200[3]	1592.58	4.697	4.31	1.023	1588.27	4.707	4.53	1588.05[20]
Utility Totals	-	9572.80	-	3473.57	-	6099.21	-	6617.00	2955.80
The Potomac Edison Co-Md (APS)									
Smith	1.000[1]	373.14	1.015	148.89	0.928	224.26	1.072	297.78	75.36
Utility Totals	-	373.14	-	148.89	-	224.26	-	297.78	75.36
Metropolitan Edison (GPU)									
Portland	1.800[3]	604.64	3.413	0.0	0.0	604.64	3.413	0.0	604.64
Titus	2.030[3]	564.01	2.273	95.03	1.866	468.98	2.355	142.98	421.03
Utility Totals	-	1168.65	-	95.03	-	1073.62	-	142.98	1025.67
Pennsylvania Electric (GPU)									
Conemaugh	4.000[3]	3992.00	4.038	2444.00	3.674	1548.00	4.612	3745.87	246.13
Front St	2.300[3]	338.00	3.279	26.00	1.927	312.00	3.392	34.88	303.12
Homer City	4.000[3]	4381.00	3.753	3325.00	3.144	1056.00	5.669	4381.00	0.0
Seward	4.000[3]	518.00	3.800	432.00	3.756	86.00	4.020	518.00	0.0
Shawville	4.000[3]	1666.00	3.430	1661.00	3.424	5.00	5.388	1666.00	0.0
Warren	4.000[3]	299.00	3.300	299.00	3.300	0.0	0.0	299.00	0.0
Williamsburg	4.000[3]	122.00	3.458	98.00	3.263	24.00	4.255	122.00	0.0
Keystone	4.000[3]	4200.00	2.871	4200.00	2.871	0.0	0.0	4200.00	0.0
Utility Totals	-	15516.00	-	12485.00	-	3031.00	-	14966.75	549.25
Ohio Power (AEP)									
Muskingum	6.480[3]	3178.90	8.160	38.90	5.936	3140.00	8.188	51.29	3127.61
Kammer	3.200[3]	1652.00	7.093	0.0	0.0	1652.00	7.093	0.0	1652.00
Mitchell	3.120[3]	3672.30	4.225	2062.30	2.328	1610.00	6.655	2524.35	1147.95
Gavin	9.500[3]	7582.90	5.544	7582.90	5.544	0.0	0.0	7582.90	0.0
Utility Totals	-	16086.10	-	9684.10	-	6402.00	-	10158.54	5927.56
West Penn Power (APS)									
Armstrong	4.000[3]	884.95	2.884	882.15	2.880	2.80	4.270	884.95	0.0
Hatfield	4.000[3]	3616.70	4.288	674.50	2.814	2942.20	4.626	1952.39	1664.31
Mitchell	0.600[3]	729.20	2.772	0.0	0.0	729.20	2.772	0.0	729.20
Utility Totals	-	5230.85	-	1556.65	-	3674.20	-	2837.34	2393.51
Central Operating Co (AEP)									
Sporn	3.300[3]	2002.40	1.750	1992.30	1.741	10.10	3.530	2002.40	0.0
Utility Totals	-	2002.40	-	1992.30	-	10.10	-	2002.40	0.0
Atlantic City Electric									
England	1.000[1]	635.41	2.909	0.0	0.0	635.41	2.909	0.0	635.41
Utility Totals	-	635.41	-	0.0	-	635.41	-	0.0	635.41
Indiana & Michigan Elec (AEP)									
Breed	16.000[4]	895.20	6.931	895.20	6.931	0.0	0.0	895.20	0.0
Tanners Creek	1.200[3]	1976.50	4.862	983.00	0.882	993.50	8.799	1024.14	952.36
Utility Totals	-	2871.70	-	1878.20	-	993.50	-	1919.34	952.36
U.S. Totals	-	593995.19	-	413526.06	-	180469.06	-	441580.44	152414.62

[1] Sulfur By Weight.
[2] Pounds Of Sulfur Per Million Btu.
[3] Pounds Of SO2 Per Million Btu.
[4] No 1980 Federally Enforceable Sulfur Regulation. Sulfur Units Are Expressed In Pounds Of Sulfur Per Million Btu.

Note: The footnotes in column 10 of this table correspond to the numbers in parenthesis in Table 28.

Census Region Map



7. Plant Fossil Fuel Quantity, Quality, and Cost Data for Calendar Year 1980

Chapter 7 is a presentation of quantity, quality, and cost data for fossil fuels received by electric generating units. The fuels received by these units are described by amount (in 1000 tons, barrels, or mcf) and cost (cents per million btu and dollars per ton, barrel or mcf). In addition coal and oil are described by their quality, referring to the average percentage of sulfur content.

When reference is made to coal, this report includes bituminous, subbituminous, lignite, anthracite coals, and small quantities of petroleum coke.

Oil refers to aggregation of data for FO2, FO4, FO5, FO6, crude, topped crude, kerosene, jet-fuel, re-refined motor oil, and liquified petroleum gas. In this chapter oil also includes oil received by generating units in Hawaii. (Tables 29 through 52 include data for the contiguous United States only.)

Data under the heading of gas includes natural gas, coke oven gas, blast furnace gas, refinery gas and gas received by units in Alaska.

Note: Due to computer rounding any quantiy of fossil fuel less than 50 tons, 50 barrels, or 50 cubic feet shows up in the tables as 0.0.

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
New England Region														
Connecticut														
Connecticut Lt and Pwr Co(NU)														
Devon	0.0	0.0	0.0	0.0	2534.0	464.0	28.92	0.42	0.0	0.0	0.0	0.0	100.0	0.0
Montville	0.0	0.0	0.0	0.0	2503.0	472.8	29.03	0.39	0.0	0.0	0.0	0.0	100.0	0.0
Norwalk Harbor	0.0	0.0	0.0	0.0	3047.0	455.9	27.97	0.47	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**8084.0**	**463.7**	**28.60**	**0.43**	**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	4857.0	463.4	28.38	0.47	0.0	0.0	0.0	0.0	100.0	0.0
South Meadow	0.0	0.0	0.0	0.0	51.0	614.1	34.33	0.02	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**4908.0**	**464.8**	**28.44**	**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	4798.2	480.0	29.70	0.44	0.0	0.0	0.0	0.0	100.0	0.0
English	0.0	0.0	0.0	0.0	89.2	512.4	31.80	0.48	0.0	0.0	0.0	0.0	100.0	0.0
Steel	0.0	0.0	0.0	0.0	58.1	502.0	30.70	0.43	0.0	0.0	0.0	0.0	100.0	0.0
New Haven Hbr	0.0	0.0	0.0	0.0	3468.9	478.5	29.63	0.42	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**8414.4**	**479.9**	**29.70**	**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	173.9	395.4	24.71	2.16	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**173.9**	**395.4**	**24.71**	**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	10.0	620.9	35.99	0.22	0.0	0.0	0.0	0.0	100.0	0.0
Mason	0.0	0.0	0.0	0.0	347.0	388.6	24.51	2.28	0.0	0.0	0.0	0.0	100.0	0.0
Wyman	0.0	0.0	0.0	0.0	2940.0	447.6	27.90	1.17	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**3297.0**	**441.8**	**27.56**	**1.29**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
Massachusetts														
Boston Edison														
Edgar	0.0	0.0	0.0	0.0	198.7	416.9	25.92	0.96	0.0	0.0	0.0	0.0	100.0	0.0
Framington (GT)	0.0	0.0	0.0	0.0	22.6	600.6	35.23	0.48	0.0	0.0	0.0	0.0	100.0	0.0
L Street	0.0	0.0	0.0	0.0	74.5	509.8	31.50	0.78	0.0	0.0	0.0	0.0	100.0	0.0
Mystic	0.0	0.0	0.0	0.0	7431.3	411.7	25.80	0.95	0.0	0.0	0.0	0.0	100.0	0.0
New Boston	0.0	0.0	0.0	0.0	7078.8	422.0	26.22	0.90	0.0	0.0	0.0	0.0	100.0	0.0
W Medway (GT)	0.0	0.0	0.0	0.0	2.9	597.0	34.62	0.37	156.6	251.2	2.51	0.0	9.8	90.2
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**14808.9**	**417.5**	**26.05**	**0.92**	**156.6**	**251.2**	**2.51**	**0.0**	**99.8**	**0.2**
Cambridge Electric Lt Co (NEGA)														
Kendall Square	0.0	0.0	0.0	0.0	263.0	525.3	32.01	0.46	2256.0	394.8	3.95	0.0	41.5	58.5
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**263.0**	**525.3**	**32.01**	**0.46**	**2256.0**	**394.8**	**3.95**	**0.0**	**41.5**	**58.5**
The Canal Electric Co														
Canal	0.0	0.0	0.0	0.0	9639.0	360.7	22.68	2.14	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**9639.0**	**360.7**	**22.68**	**2.14**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
Fitchburg Gas and Electric														
Fitchburg	0.0	0.0	0.0	0.0	15.2	518.9	30.15	0.24	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**15.2**	**518.9**	**30.15**	**0.24**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
Holyoke Gas and Electric														
Holyoke	0.0	0.0	0.0	0.0	38.3	486.5	30.35	1.00	256.3	246.5	2.46	0.0	48.2	51.8
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**38.3**	**486.5**	**30.35**	**1.00**	**256.3**	**246.5**	**2.46**	**0.0**	**48.2**	**51.8**
Holyoke Water Power (NU)														
Mount Tom	0.0	0.0	0.0	0.0	1531.0	386.9	24.28	2.17	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**1531.0**	**386.9**	**24.28**	**2.17**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
New Bedford Gas and Ed Lt (NEGA)														
Cannon	0.0	0.0	0.0	0.0	142.0	455.1	28.56	0.88	501.0	348.5	3.48	0.0	64.0	36.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**142.0**	**455.1**	**28.56**	**0.88**	**501.0**	**348.5**	**3.48**	**0.0**	**64.0**	**36.0**
New England Power (NEES)														
Brayton	633.5	194.6	52.06	1.16	9093.6	371.9	23.36	2.05	0.0	0.0	0.0	22.9	77.1	0.0
Gloucester (IC)	0.0	0.0	0.0	0.0	32.1	633.0	36.87	0.10	0.0	0.0	0.0	0.0	100.0	0.0
Salem Harbor	0.0	0.0	0.0	0.0	5698.0	350.8	22.07	2.06	0.0	0.0	0.0	0.0	100.0	0.0
Uxbridge (GT)	0.0	0.0	0.0	0.0	4.9	629.2	36.38	0.10	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**633.5**	**194.6**	**52.06**	**1.16**	**14828.6**	**364.4**	**22.90**	**2.05**	**0.0**	**0.0**	**0.0**	**15.4**	**84.6**	**0.0**
Taunton Municipal Lighting Plant														
Cleary	0.0	0.0	0.0	0.0	589.3	418.4	25.94	1.77	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**589.3**	**418.4**	**25.94**	**1.77**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
Western Mass Electric (NU)														
West Springfield	0.0	0.0	0.0	0.0	1371.0	388.0	24.34	1.97	3310.0	312.2	3.12	0.0	72.2	27.8
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**1371.0**	**388.0**	**24.34**	**1.97**	**3310.0**	**312.2**	**3.12**	**0.0**	**72.2**	**27.8**
Montaup Electric														
Somerset	0.0	0.0	0.0	0.0	1791.0	367.0	23.02	2.00	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**1791.0**	**367.0**	**23.02**	**2.00**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
New Hampshire														
Public Serv Co of New Hampshire														
Merrimack	1052.3	159.8	42.86	2.54	5.4	635.8	36.40	0.17	0.0	0.0	0.0	99.9	0.1	0.0
Schiller	0.0	0.0	0.0	0.0	808.7	364.3	22.76	1.92	0.0	0.0	0.0	0.0	100.0	0.0
Newington Station	0.0	0.0	0.0	0.0	2881.2	386.2	24.12	1.94	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**1052.3**	**159.8**	**42.86**	**2.54**	**3695.3**	**381.7**	**23.84**	**1.93**	**0.0**	**0.0**	**0.0**	**55.0**	**45.0**	**0.0**
Rhode Island														
The Narragansett Elec Co(NEES)														

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
New England Region —Cont.														
Rhode Island —Cont.														
The Narragansett Elec Co(NEES) —Cont.														
Manchester St	0.0	0.0	0.0	0.0	825.0	407.2	25.59	0.93	0.0	0.0	0.0	0.0	100.0	0.0
South St	0.0	0.0	0.0	0.0	556.0	382.1	24.04	0.94	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**1381.0**	**397.1**	**24.97**	**0.94**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
Vermont														
Burlington Electric Department														
Moran	0.0	0.0	0.0	0.0	2.7	677.6	39.12	0.35	239.0	449.8	4.50	0.0	6.1	93.9
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**2.7**	**677.6**	**39.12**	**0.35**	**239.0**	**449.8**	**4.50**	**0.0**	**6.1**	**93.9**
Central Vt Public Service Corp														
Rutland (GT)	0.0	0.0	0.0	0.0	4.9	567.7	34.15	0.23	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**4.9**	**567.7**	**34.15**	**0.23**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
Green Mountain Power Corp														
Berlin No 5 (GT)	0.0	0.0	0.0	0.0	18.3	686.9	38.79	0.45	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**18.3**	**686.9**	**38.79**	**0.45**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
Middle Atlantic Region														
New Jersey														
Deepwater Operating Co (ACE)														
Deepwater	52.1	235.5	63.15	0.75	848.9	419.1	25.96	0.91	3200.1	366.2	3.79	14.0	52.8	33.2
Company Totals	**52.1**	**235.5**	**63.15**	**0.75**	**848.9**	**419.1**	**25.96**	**0.91**	**3200.1**	**366.2**	**3.79**	**14.0**	**52.8**	**33.2**
Public Service Elec and Gas-NJ														
Bayonne (GT)	0.0	0.0	0.0	0.0	14.0	635.1	35.45	0.06	0.0	0.0	0.0	0.0	100.0	0.0
Bergen	0.0	0.0	0.0	0.0	1282.0	514.5	31.47	0.27	23550.8	288.3	2.98	0.0	24.4	75.6
Burlington	0.0	0.0	0.0	0.0	1208.0	486.6	29.63	0.37	0.0	0.0	0.0	0.0	100.0	0.0
Edison (GT)	0.0	0.0	0.0	0.0	28.0	630.0	35.49	0.10	5039.0	287.8	2.97	0.0	2.9	97.1
Essex	0.0	0.0	0.0	0.0	225.0	580.7	33.35	0.15	3638.0	288.1	2.98	0.0	25.6	74.4
Hudson	761.1	176.0	45.85	1.22	1112.0	513.1	31.35	0.27	15061.0	295.0	3.10	46.7	16.0	37.3
Kearny	0.0	0.0	0.0	0.0	1597.0	506.1	30.67	0.24	1601.0	286.9	2.96	0.0	85.4	14.6
Linden	0.0	0.0	0.0	0.0	2423.0	513.9	31.25	0.25	722.3	288.2	2.98	0.0	95.2	4.8
Mercer	971.0	200.4	53.56	1.22	0.0	0.0	0.0	0.0	1818.0	292.5	3.02	93.2	0.0	6.8
Salem (GT)	0.0	0.0	0.0	0.0	38.4	590.5	33.93	0.16	0.0	0.0	0.0	0.0	100.0	0.0
Sewaren	0.0	0.0	0.0	0.0	2509.0	499.8	30.62	0.27	12645.0	292.2	3.02	0.0	54.1	45.9
Company Totals	**1732.1**	**189.9**	**50.17**	**1.22**	**10436.4**	**508.2**	**30.93**	**0.27**	**64075.1**	**290.7**	**3.01**	**26.0**	**36.1**	**37.8**
Vineland, City of														
H M Down	106.3	166.0	42.44	1.64	291.0	416.7	26.07	1.81	0.0	0.0	0.0	59.9	40.1	0.0
Company Totals	**106.3**	**166.0**	**42.44**	**1.64**	**291.0**	**416.7**	**26.07**	**1.81**	**0.0**	**0.0**	**0.0**	**59.9**	**40.1**	**0.0**
Jersey Central Pwr and Lt (GPS)														
Werner	0.0	0.0	0.0	0.0	458.0	551.6	33.02	0.22	0.0	0.0	0.0	0.0	100.0	0.0
Sayreville	0.0	0.0	0.0	0.0	825.0	520.3	31.15	0.22	7712.0	318.2	3.22	0.0	38.7	61.3
Gilbert	0.0	0.0	0.0	0.0	429.0	513.3	31.07	0.43	3625.0	369.3	3.80	0.0	41.0	59.0
Riegel Sta (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1486.0	341.0	3.51	0.0	0.0	100.0
Glen Gardner (GT)	0.0	0.0	0.0	0.0	143.0	589.4	34.30	0.17	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**1855.0**	**531.6**	**31.84**	**0.26**	**12823.0**	**335.5**	**3.42**	**0.0**	**45.9**	**54.1**
Atlantic City Electric														
England	635.4	151.0	38.61	2.91	1175.5	375.4	23.39	1.89	0.0	0.0	0.0	68.9	31.1	0.0
Caroll Cornr (GT)	0.0	0.0	0.0	0.0	88.3	598.7	34.04	0.06	0.0	0.0	0.0	0.0	100.0	0.0
Cedar Sta (GT)	0.0	0.0	0.0	0.0	163.9	635.7	36.12	0.05	0.0	0.0	0.0	0.0	100.0	0.0
Middle Sta (GT)	0.0	0.0	0.0	0.0	136.7	639.8	36.33	0.06	0.0	0.0	0.0	0.0	100.0	0.0
Missouri Avenue	0.0	0.0	0.0	0.0	97.2	630.0	35.79	0.06	0.0	0.0	0.0	0.0	100.0	0.0
Mickelton (GT)	0.0	0.0	0.0	0.0	62.0	564.5	32.08	0.07	213.5	457.6	4.75	0.0	61.4	38.6
Company Totals	**635.4**	**151.0**	**38.61**	**2.91**	**1723.5**	**448.8**	**27.18**	**1.31**	**213.5**	**457.6**	**4.75**	**60.4**	**38.8**	**0.8**
New York														
Central Hudson Gas and Electric														
Danskammer	0.0	0.0	0.0	0.0	2550.0	428.4	26.55	0.94	3413.0	260.7	2.64	0.0	82.0	18.0
Roseton	0.0	0.0	0.0	0.0	8630.8	355.3	22.17	1.81	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**11180.8**	**371.9**	**23.17**	**1.61**	**3413.0**	**260.7**	**2.64**	**0.0**	**95.3**	**4.7**
Consolidated Edison Co of NY														
Arthur Kill	0.0	0.0	0.0	0.0	3916.0	488.3	30.04	0.64	0.0	0.0	0.0	0.0	100.0	0.0
Astoria	0.0	0.0	0.0	0.0	3280.0	494.7	30.36	0.29	27750.7	267.3	2.79	0.0	41.0	59.0
Buchanan (GT)	0.0	0.0	0.0	0.0	1.0	372.1	21.61	0.20	0.0	0.0	0.0	0.0	100.0	0.0
East River	0.0	0.0	0.0	0.0	1448.0	489.2	30.01	0.29	8768.0	252.9	2.62	0.0	49.5	50.5
Gowanus (GT)	0.0	0.0	0.0	0.0	63.0	464.4	26.86	0.20	0.0	0.0	0.0	0.0	100.0	0.0
Hudson Avenue	0.0	0.0	0.0	0.0	147.4	495.9	30.36	0.30	0.0	0.0	0.0	0.0	100.0	0.0
Indian Point	0.0	0.0	0.0	0.0	22.4	489.7	30.00	0.30	0.0	0.0	0.0	0.0	100.0	0.0
Narrows Bay (GT)	0.0	0.0	0.0	0.0	49.0	576.7	33.31	0.20	722.9	263.9	2.73	0.0	27.5	72.5
Ravenswood	0.0	0.0	0.0	0.0	5347.0	491.8	30.24	0.58	31384.3	259.1	2.68	0.0	50.3	49.7
Waterside	0.0	0.0	0.0	0.0	1372.0	491.2	30.13	0.29	8525.0	266.2	2.78	0.0	48.6	51.4
59th St	0.0	0.0	0.0	0.0	795.1	494.1	30.30	0.29	0.0	0.0	0.0	0.0	100.0	0.0
74th St	0.0	0.0	0.0	0.0	464.0	491.6	30.14	0.29	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**16904.9**	**491.5**	**30.19**	**0.46**	**77150.8**	**262.2**	**2.72**	**0.0**	**56.4**	**43.6**
Jamestown Bd of Public Utilities														
Samuel A Carlson	168.0	125.5	29.74	2.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**168.0**	**125.5**	**29.74**	**2.22**	**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	428.0	509.3	31.10	0.32	16264.0	303.3	3.14	0.0	13.4	86.6

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
Middle Atlantic Region —Cont.														
New York —Cont.														
Long Island Lighting —Cont.														
Far Rockaway	0.0	0.0	0.0	0.0	36.0	515.3	31.35	0.25	1.0	295.0	3.05	0.0	99.5	0.5
Glenwood	0.0	0.0	0.0	0.0	175.0	519.8	31.93	0.62	4095.0	306.9	3.18	0.0	20.2	79.8
Northport	0.0	0.0	0.0	0.0	10930.0	357.5	22.50	2.08	0.0	0.0	0.0	0.0	100.0	0.0
Port Jefferson	0.0	0.0	0.0	0.0	3351.0	353 1	22.32	2.34	0.0	0.0	0.0	0.0	100.0	0.0
Shoreham (GT)	0.0	0.0	0.0	0.0	9.0	606.3	35.32	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	2.0	551.9	32.12	0.07	0.0	0.0	0.0	0.0	100.0	0.0
Holbrook (GT)	0.0	0.0	0.0	0.0	177.0	586.1	34.12	0.15	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**15108.0**	**365.5**	**22.98**	**2.04**	**20360.0**	**304.0**	**3.15**	**0.0**	**81.8**	**18.2**
New York State Electric and Gas														
Goudey	338.1	132.6	30.99	1.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Greenidge	594.6	138.3	33.12	2.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Hickling	358.3	108.9	24.37	0.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Jennison	300.3	120.0	26.41	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Milliken	825.9	146.6	34.65	1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**2417.2**	**134.1**	**31.22**	**1.66**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Niagra-Mohawk Power														
Albany	0.0	0.0	0.0	0.0	3472.0	433.5	26.98	2.02	0.0	0.0	0.0	0.0	100.0	0.0
Huntley	1650.0	168.8	43.50	1.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Dunkirk	1343.0	143.0	36.51	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Oswego	0.0	0.0	0.0	0.0	6232.0	459.1	28.24	0.96	0.0	0.0	0.0	0.0	100.0	0.0
Rotterdam (GT)	0.0	0.0	0.0	0.0	3.0	576.0	33.26	0.30	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**2993.0**	**157.3**	**40.36**	**1.80**	**9707.0**	**449.9**	**27.79**	**1.35**	**0.0**	**0.0**	**0.0**	**56.2**	**43.8**	**0.0**
Orange and Rockland Utilities														
Bowline	0.0	0.0	0.0	0.0	5083.9	455.1	28.14	0.50	3995.4	246.5	2.54	0.0	88.4	11.6
Hillburn (GT)	0.0	0.0	0.0	0.0	3.7	695.1	36.64	0.02	0.6	282.2	2.90	0.0	97.0	3.0
Lovett	0.0	0.0	0.0	0.0	617.2	505.2	30.84	0.29	15724.2	245.5	2.53	0.0	18.9	81.1
Shoemaker (GT)	0.0	0.0	0.0	0.0	1.8	717.6	37.82	0.02	39.1	265.2	2.71	0.0	19.2	80.8
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**5706.6**	**460.7**	**28.44**	**0.48**	**19759.3**	**245.7**	**2.53**	**0.0**	**63.4**	**36.6**
Rochester Gas and Electric Corp														
Rochester 3	208.1	147.8	36.49	2.75	641.9	416.9	26.15	1.97	0.0	0.0	0.0	56.1	43.9	0.0
Rochester 7	581.8	150.4	37.94	2.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**789.9**	**149.7**	**37.55**	**2.47**	**641.9**	**416.9**	**26.15**	**1.97**	**0.0**	**0.0**	**0.0**	**83.1**	**16.9**	**0.0**
Pennsylvania														
Duquesne Light														
Brunot Is (GT)	0.0	0.0	0.0	0.0	377.8	589.0	33.91	0.27	0.0	0.0	0.0	0.0	100.0	0.0
Elrama	1397.3	112.5	26.09	2.43	8.1	613.6	34.97	0.11	0.0	0.0	0.0	99.9	0.1	0.0
Phillips	990.9	121.1	28.75	2.30	8.5	586.2	33.57	0.19	0.0	0.0	0.0	99.8	0.2	0.0
Cheswick	1430.1	142.5	35.11	1.54	30.6	615.8	35.13	0.13	0.0	0.0	0.0	99.5	0.5	0.0
Company Totals	**3818.2**	**126.3**	**30.16**	**2.06**	**424.9**	**591.3**	**34.01**	**0.25**	**0.0**	**0.0**	**0.0**	**97.4**	**2.6**	**0.0**
Pennsylvania Power and Light														
Allentown (GT)	0.0	0.0	0.0	0.0	18.0	613.3	35.62	0.18	0.0	0.0	0.0	0.0	100.0	0.0
Brunner Island	3859.0	144.0	35.85	2.00	80.0	581.7	33.47	0.18	0.0	0.0	0.0	99.5	0.5	0.0
Fishbach (GT)	0.0	0.0	0.0	0.0	3.0	637.8	36.73	0.21	0.0	0.0	0.0	0.0	100.0	0.0
Harrisburg (GT)	0.0	0.0	0.0	0.0	10.0	580.0	33.53	0.14	0.0	0.0	0.0	0.0	100.0	0.0
Harwood (GT)	0.0	0.0	0.0	0.0	1.0	661.0	38.22	0.18	0.0	0.0	0.0	0.0	100.0	0.0
Holtwood	304.0	78.8	15.38	1.65	4.0	628.9	36.41	0.18	0.0	0.0	0.0	99.6	0.4	0.0
Jenkins (GT)	0.0	0.0	0.0	0.0	1.0	655.7	37.88	0.18	0.0	0.0	0.0	0.0	100.0	0.0
Martins Creek	770.0	167.6	41.45	2.10	9712.0	432.9	26.62	0.88	0.0	0.0	0.0	24.2	75.8	0.0
Montour	3799.0	143.0	35.56	1.52	49.0	628.0	36.24	0.14	0.0	0.0	0.0	99.7	0.3	0.0
Sunbury	1352.0	118.5	26.47	1.45	5.0	557.8	32.17	0.15	0.0	0.0	0.0	99.9	0.1	0.0
W Shore (GT)	0.0	0.0	0.0	0.0	1.0	612.3	35.36	0.33	0.0	0.0	0.0	0.0	100.0	0.0
Williamport (GT)	0.0	0.0	0.0	0.0	1.0	665.5	38.18	0.13	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**10084.0**	**140.7**	**34.29**	**1.74**	**9885.0**	**435.6**	**26.76**	**0.87**	**0.0**	**0.0**	**0.0**	**80.2**	**19.8**	**0.0**
Pennsylvania Power														
New Castle	853.5	130.9	32.74	1.26	10.0	630.5	36.28	0.34	0.0	0.0	0.0	99.7	0.3	0.0
Bruce Mansfield	4094.0	183.4	43.50	3.30	90.0	597.3	34.35	0.39	0.0	0.0	0.0	99.5	0.5	0.0
Company Totals	**4947.5**	**174.0**	**41.64**	**2.95**	**100.0**	**600.6**	**34.54**	**0.39**	**0.0**	**0.0**	**0.0**	**99.5**	**0.5**	**0.0**
Philadelphia Electric														
Barbadoes	0.0	0.0	0.0	0.0	2.0	621.1	36.27	0.10	0.0	0.0	0.0	0.0	100.0	0.0
Chester	0.0	0.0	0.0	0.0	187.0	488.9	30.04	0.45	0.0	0.0	0.0	0.0	100.0	0.0
Cromby	321.0	163.0	43.17	1.81	1412.0	452.0	28.55	0.92	0.0	0.0	0.0	48.8	51.2	0.0
Delaware	0.0	0.0	0.0	0.0	1062.0	482.8	29.80	0.44	0.0	0.0	0.0	0.0	100.0	0.0
Eddystone	984.0	163.3	42.55	1.88	2870.0	468.7	29.21	0.46	0.0	0.0	0.0	58.9	41.1	0.0
Falls (GT)	0.0	0.0	0.0	0.0	18.0	607.9	35.26	0.08	0.0	0.0	0.0	0.0	100.0	0.0
Moser (GT)	0.0	0.0	0.0	0.0	34.0	606.0	35.40	0.07	0.0	0.0	0.0	0.0	100.0	0.0
Richmond	0.0	0.0	0.0	0.0	780.0	535.8	32.17	0.26	0.0	0.0	0.0	0.0	100.0	0.0
Schuylkill	0.0	0.0	0.0	0.0	2449.0	496.7	30.64	0.38	0.0	0.0	0.0	0.0	100.0	0.0
Southwark	0.0	0.0	0.0	0.0	805.0	481.5	29.73	0.44	0.0	0.0	0.0	0.0	100.0	0.0
Croydon (GT)	0.0	0.0	0.0	0.0	281.0	545.0	32.02	0.09	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**1305.0**	**163.2**	**42.70**	**1.86**	**9900.0**	**484.0**	**29.94**	**0.47**	**0.0**	**0.0**	**0.0**	**35.8**	**64.2**	**0.0**

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
Middle Atlantic Region —Cont.														
Pennsylvania —Cont.														
The United Gas Imp Co														
Hunlock Creek	271.0	114.1	20.03	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**271.0**	**114.1**	**20.03**	**0.70**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Metropolitan Edison (GPS)														
Hunterstown (GT)	0.0	0.0	0.0	0.0	16.8	609.9	34.86	0.20	0.0	0.0	0.0	0.0	100.0	0.0
Mountain (GT)	0.0	0.0	0.0	0.0	7.9	616.5	35.45	0.20	258.9	411.3	4.17	0.0	14.8	85.2
Portland	604.6	154.2	38.90	2.15	16.8	640.1	36.67	0.16	866.4	356.1	3.65	93.9	0.6	5.5
Titus	564.0	146.2	37.25	1.45	25.4	581.5	33.42	0.23	477.9	349.0	3.55	95.8	1.0	3.2
Tolna (GT)	0.0	0.0	0.0	0.0	14.2	612.0	34.94	0.17	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**1168.6**	**150.4**	**38.11**	**1.81**	**81.1**	**608.2**	**34.86**	**0.20**	**1603.2**	**362.8**	**3.71**	**93.4**	**1.5**	**5.2**
Pennsylvania Electric (GPS)														
Conemaugh	3992.0	137.6	33.52	2.46	71.0	586.2	34.17	0.21	0.0	0.0	0.0	99.6	0.4	0.0
Front St	338.0	146.2	35.54	1.99	10.0	611.8	35.67	0.28	0.0	0.0	0.0	99.3	0.7	0.0
Homer City	4381.0	121.4	27.88	2.14	70.0	599.2	34.93	0.21	0.0	0.0	0.0	99.6	0.4	0.0
Seward	518.0	117.3	29.13	2.36	44.0	612.3	35.69	0.16	0.0	0.0	0.0	98.0	2.0	0.0
Shawville	1666.0	106.9	25.99	2.08	57.0	628.1	36.53	0.28	0.0	0.0	0.0	99.2	0.8	0.0
Warren	299.0	108.8	26.37	2.00	77.0	604.1	35.22	0.29	0.0	0.0	0.0	94.2	5.8	0.0
Wayne (GT)	0.0	0.0	0.0	0.0	2.0	602.9	35.15	0.30	0.0	0.0	0.0	0.0	100.0	0.0
Williamsburg	122.0	101.3	24.90	2.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Keystone	4200.0	100.6	24.43	1.74	59.0	589.4	34.36	0.18	0.0	0.0	0.0	99.7	0.3	0.0
Company Totals	**15516.0**	**118.3**	**28.35**	**2.11**	**390.0**	**602.3**	**35.10**	**0.23**	**0.0**	**0.0**	**0.0**	**99.4**	**0.6**	**0.0**
West Penn Power (APS)														
Armstrong	884.9	106.2	26.05	1.76	2.3	643.4	38.10	0.27	0.0	0.0	0.0	99.9	0.1	0.0
Hatfield	3616.7	113.3	27.11	2.56	17.5	616.8	36.52	0.27	0.0	0.0	0.0	99.9	0.1	0.0
Milesburg	0.0	0.0	0.0	0.0	2.4	595.5	34.90	0.26	0.0	0.0	0.0	0.0	100.0	0.0
Mitchell	729.2	127.4	33.61	1.83	214.0	430.2	26.83	0.45	113.1	317.5	3.18	93.0	6.5	0.5
Springdale	0.0	0.0	0.0	0.0	112.8	477.1	29.41	0.53	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**5230.8**	**114.2**	**27.84**	**2.32**	**349.0**	**456.6**	**28.28**	**0.46**	**113.1**	**317.5**	**3.18**	**98.2**	**1.7**	**0.1**
East North Central Region														
Illinois														
Central Illinois Light														
Edwards	1222.3	178.3	37.99	0.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Wallace	65.0	207.8	55.73	0.71	0.0	0.0	0.0	0.0	521.0	244.5	2.40	77.3	0.0	22.7
Sterling Ave (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	128.0	259.3	2.54	0.0	0.0	100.0
Duck Creek	1067.9	160.7	34.11	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**2355.1**	**171.4**	**36.72**	**1.92**	**0.0**	**0.0**	**0.0**	**0.0**	**649.1**	**247.4**	**2.43**	**98.8**	**0.0**	**1.2**
Central Illinois Public Service														
Coffeen	2202.2	115.0	21.55	3.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Grand Tower	461.6	132.5	29.67	2.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Hutsonville	427.4	123.7	27.26	1.89	0.5	629.6	36.19	0.20	0.0	0.0	0.0	100.0	0.0	0.0
Meredosia	758.9	136.9	30.71	2.95	60.1	421.7	26.65	0.71	0.0	0.0	0.0	97.8	2.2	0.0
Newton	1378.2	153.2	35.68	2.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**5228.3**	**131.9**	**27.79**	**3.13**	**60.6**	**423.3**	**26.73**	**0.71**	**0.0**	**0.0**	**0.0**	**99.7**	**0.3**	**0.0**
Commonwealth Edison														
Bloom (GT)	0.0	0.0	0.0	0.0	66.0	613.5	35.44	0.18	0.0	0.0	0.0	0.0	100.0	0.0
Calumet (GT)	0.0	0.0	0.0	0.0	42.0	604.1	34.71	0.16	1185.0	322.0	3.31	0.0	16.5	83.5
Crawford	1473.0	219.8	41.34	0.52	3.0	678.3	39.53	0.21	4325.0	320.8	3.29	86.1	0.1	13.8
Elec Junction(GT)	0.0	0.0	0.0	0.0	56.0	612.1	35.52	0.19	976.5	444.4	4.58	0.0	24.4	75.6
Joliet	3883.0	200.2	37.85	0.51	100.0	641.5	37.45	0.20	1362.4	418.0	4.31	97.4	0.8	1.9
Kincaid	2933.0	137.8	27.90	3.48	7.0	661.0	38.02	0.24	63.0	238.4	2.36	99.8	0.1	0.1
Lombard (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	717.5	443.9	4.57	0.0	0.0	100.0
Powerton	3157.0	214.3	41.59	0.51	11.0	627.8	36.57	0.24	301.0	253.9	2.54	99.4	0.1	0.5
Ridgeland	0.0	0.0	0.0	0.0	3485.0	367.9	23.11	0.93	15.0	306.1	3.15	0.0	99.9	0.1
Sabrooke	0.0	0.0	0.0	0.0	27.0	635.6	37.00	0.23	0.0	0.0	0.0	0.0	100.0	0.0
Waukegan	1718.0	134.6	26.35	0.50	119.0	690.9	52.50	0.19	218.0	433.9	4.36	96.8	2.6	0.6
Will County	2657.0	218.5	41.05	0.52	49.0	628.6	36.72	0.21	0.0	0.0	0.0	99.4	0.6	0.0
Fisk	1024.0	220.2	41.44	0.50	66.2	688.0	53.84	0.14	1291.0	319.1	3.28	91.3	2.5	6.3
Collins	0.0	0.0	0.0	0.0	9068.0	641.3	39.60	0.58	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**16845.0**	**190.3**	**36.67**	**1.03**	**13099.2**	**568.2**	**35.31**	**0.66**	**10454.4**	**353.4**	**3.63**	**77.9**	**19.5**	**2.6**
Electric Energy														
Joppa	2534.0	143.2	33.77	2.03	16.7	600.5	34.47	0.25	0.0	0.0	0.0	99.8	0.2	0.0
Company Totals	**2534.0**	**143.2**	**33.77**	**2.03**	**16.7**	**600.5**	**34.47**	**0.25**	**0.0**	**0.0**	**0.0**	**99.8**	**0.2**	**0.0**
Illinois Power														
Baldwin	4772.5	113.1	24.34	2.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Havana	432.8	233.1	60.41	0.61	331.0	429.6	26.91	0.88	0.0	0.0	0.0	84.4	15.6	0.0
Hennepin	841.7	154.5	34.79	2.50	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	0.7	674.8	39.11	0.0	289.1	202.9	2.10	0.0	1.3	98.7
Stallings (GT)	0.0	0.0	0.0	0.0	0.5	622.6	36.08	0.25	522.8	201.7	2.09	0.0	0.5	99.5
Vermilion	504.0	130.4	28.00	2.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Wood River	835.8	197.8	43.45	0.65	0.0	0.0	0.0	0.0	1349.5	298.2	3.09	92.9	0.0	7.1
Company Totals	**7386.8**	**137.0**	**30.05**	**2.47**	**332.2**	**430.4**	**26.95**	**0.88**	**2161.4**	**262.1**	**2.71**	**97.4**	**1.3**	**1.3**

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
East North Central Region —Cont.														
Illinois —Cont.														
Iowa-Illinois Gas and Electric														
Moline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1655.2	255.9	2.63	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**1655.2**	**255.9**	**2.63**	**0.0**	**0.0**	**100.0**
Southern Illinois Power Coop														
Marion	633.2	99.5	19.98	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**633.2**	**99.5**	**19.98**	**2.67**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Springfield Wtr Lt and Pwr Dept														
Dallman	714.9	127.8	27.32	3.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Lakeside	131.9	132.3	28.10	3.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**846.8**	**128.5**	**27.44**	**3.23**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Union Electric														
Venice No.2	0.0	0.0	0.0	0.0	2.0	604.2	34.77	0.30	1742.0	288.8	2.99	0.0	0.6	99.4
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**2.0**	**604.2**	**34.77**	**0.30**	**1742.0**	**288.8**	**2.99**	**0.0**	**0.6**	**99.4**
University of Illinois														
Abbott	0.0	0.0	0.0	0.0	21.6	597.5	34.77	0.17	1840.5	293.9	2.94	0.0	6.4	93.6
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**21.6**	**597.5**	**34.77**	**0.17**	**1840.5**	**293.9**	**2.94**	**0.0**	**6.4**	**93.6**
W Illinois Power Coop														
Pearl (GTS)	71.7	123.4	26.77	3.26	6.5	676.2	38.99	0.70	0.0	0.0	0.0	97.6	2.4	0.0
Company Totals	**71.7**	**123.4**	**26.77**	**3.26**	**6.5**	**676.2**	**38.99**	**0.70**	**0.0**	**0.0**	**0.0**	**97.6**	**2.4**	**0.0**
Winnetka, Village of														
Winnetka	0.0	0.0	0.0	0.0	0.8	645.0	35.22	0.50	72.5	335.2	3.44	0.0	5.5	94.5
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.8**	**645.0**	**35.22**	**0.50**	**72.5**	**335.2**	**3.44**	**0.0**	**5.5**	**94.5**
Indiana														
Hoosier Energy Div-Indiana Rec														
Frank E Ratts	754.5	93.7	20.22	3.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**754.5**	**93.7**	**20.22**	**3.52**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Indianapolis Power and Light														
Stout	1528.4	115.4	25.26	1.84	51.3	603.5	34.62	0.30	0.0	0.0	0.0	99.1	0.9	0.0
Pritchard	547.0	117.2	25.67	2.04	19.9	615.8	35.34	0.30	0.0	0.0	0.0	99.1	0.9	0.0
Perry	406.0	116.2	25.46	2.16	0.8	642.2	36.97	0.30	0.0	0.0	0.0	99.9	0.1	0.0
Petersburg	3658.2	95.6	20.92	2.55	47.8	621.0	35.77	0.30	0.0	0.0	0.0	99.7	0.3	0.0
Company Totals	**6139.6**	**103.8**	**22.72**	**2.30**	**119.8**	**612.8**	**35.21**	**0.30**	**0.0**	**0.0**	**0.0**	**99.5**	**0.5**	**0.0**
Logansport Indiana Electric Dept														
Logansport	60.5	124.4	30.10	1.48	10.5	592.2	33.90	1.00	0.0	0.0	0.0	96.1	3.9	0.0
Company Totals	**60.5**	**124.4**	**30.10**	**1.48**	**10.5**	**592.2**	**33.90**	**1.00**	**0.0**	**0.0**	**0.0**	**96.1**	**3.9**	**0.0**
Northern Indiana Public Service														
Bailly	768.7	155.6	33.81	3.27	9.2	562.0	32.81	0.27	294.3	260.6	2.61	98.0	0.3	1.7
Mitchell	1087.0	204.1	45.63	1.11	29.9	591.1	34.51	0.27	214.3	262.2	2.62	98.4	0.7	0.9
Michigan City	1444.3	144.5	30.76	2.70	0.0	0.0	0.0	0.0	469.7	262.5	2.63	98.5	0.0	1.5
Rollin Schahfer	1497.8	201.1	43.14	0.65	352.5	584.6	34.52	0.28	0.0	0.0	0.0	93.9	6.1	0.0
Company Totals	**4797.8**	**177.7**	**38.48**	**1.79**	**391.6**	**584.6**	**34.48**	**0.28**	**978.3**	**261.9**	**2.62**	**96.9**	**2.2**	**0.9**
Peru Utilities														
Peru	52.1	137.1	30.71	3.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**52.1**	**137.1**	**30.71**	**3.90**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Public Service Co of Indiana														
Cayuga	2976.4	91.6	18.89	2.24	33.3	610.1	35.10	0.30	0.0	0.0	0.0	99.7	0.3	0.0
Connersville (GT)	0.0	0.0	0.0	0.0	33.3	613.0	35.27	0.30	0.0	0.0	0.0	0.0	100.0	0.0
Edwardsport	213.5	92.1	19.58	2.70	19.6	615.0	35.39	0.30	0.0	0.0	0.0	97.6	2.4	0.0
Miami-Wabash	0.0	0.0	0.0	0.0	16.2	602.1	34.65	0.30	0.0	0.0	0.0	0.0	100.0	0.0
Noblesville	77.8	117.8	25.59	3.11	3.9	599.0	34.47	0.30	0.0	0.0	0.0	98.7	1.3	0.0
Gallagher	931.3	102.2	22.43	2.97	36.0	615.8	35.44	0.30	0.0	0.0	0.0	99.0	1.0	0.0
Wabash River	1467.0	112.4	24.41	2.26	43.2	607.0	34.92	0.30	0.0	0.0	0.0	99.2	0.8	0.0
Gibson Station	6490.9	126.0	26.84	2.73	96.7	615.8	35.43	0.30	0.0	0.0	0.0	99.6	0.4	0.0
Company Totals	**12156.9**	**113.6**	**24.13**	**2.58**	**282.2**	**612.4**	**35.24**	**0.30**	**0.0**	**0.0**	**0.0**	**99.4**	**0.6**	**0.0**
Richmond Power and Light														
Whitewater	235.0	139.0	30.19	2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**235.0**	**139.0**	**30.19**	**2.20**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Southern Indiana Gas and Elec														
Broadway (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	340.4	215.6	2.17	0.0	0.0	100.0
Culley	1201.5	100.6	21.89	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
A B Brown	666.0	158.1	35.84	3.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Warrick	2411.4	104.8	22.94	3.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**4278.8**	**112.2**	**24.65**	**3.28**	**0.0**	**0.0**	**0.0**	**0.0**	**340.4**	**215.6**	**2.17**	**99.6**	**0.0**	**0.4**
Commonwealth Edison-Indiana														
State Line	1220.0	193.6	36.88	0.42	0.0	0.0	0.0	0.0	139.0	260.8	2.67	99.4	0.0	0.6
Company Totals	**1220.0**	**193.6**	**36.88**	**0.42**	**0.0**	**0.0**	**0.0**	**0.0**	**139.0**	**260.8**	**2.67**	**99.4**	**0.0**	**0.6**
Indiana-Kentucky Electric Corp														
Clifty Creek	4250.0	103.8	22.79	3.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**4250.0**	**103.8**	**22.79**	**3.70**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Indiana and Michigan Elec (AEP)														
Breed	895.2	121.4	26.81	3.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Tanners Creek	1976.5	203.4	46.90	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**2871.7**	**178.6**	**40.64**	**3.03**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
East North Central Region —Cont.														
Michigan														
Consumers Power														
Cobb-Sandusky Sg	1343.5	153.3	36.91	2.30	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	337.7	355.5	22.11	1.00	2863.8	253.5	2.54	0.0	42.3	57.7
Karn-Weadock	1671.1	179.1	44.48	0.85	5489.6	423.7	25.45	0.62	0.0	0.0	0.0	55.7	44.3	0.0
Gaylord (GT)	0.0	0.0	0.0	0.0	0.0	0 0	0.0	0.0	685.5	312.7	3.13	0.0	0.0	100.0
Campbell	2060.4	155.9	35.83	1.91	4.7	597.3	34.87	0.40	0.0	0.0	0.0	99.9	0.1	0.0
Straits (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	106.6	325.6	3.26	0.0	0.0	100.0
Thetford (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2395.6	259.3	2.59	0.0	0.0	100.0
Weadock-Sandusky	1.3	138.5	34.18	0.80	0.0	0.0	0.0	0.0	117.3	259.6	2.60	22.1	0.0	77.9
Whiting	645.0	176.0	44.21	0.79	4.9	593.8	34.67	0.40	0.0	0.0	0.0	99.8	0.2	0.0
Company Totals	**5721.3**	**164.6**	**39.55**	**1.57**	**5836.9**	**419.9**	**25.27**	**0.64**	**6168.8**	**263.7**	**2.64**	**76.9**	**19.7**	**3.5**
Detroit Public Lighting Comm														
Mistersky	0.0	0.0	0.0	0.0	485.3	368.4	23.62	0.96	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**485.3**	**368.4**	**23.62**	**0.96**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
The Detroit Edison Co														
Conners Creek	376.0	175.6	45.05	0.76	0.0	0.0	0.0	0.0	74.0	298.6	3.04	99.2	0.0	0.8
Delray	0.0	0.0	0.0	0.0	130.0	410.1	25.53	0.79	5538.0	308.6	2.35	0.0	16.1	83.9
Fermi	0.0	0.0	0.0	0.0	14.0	605.0	34.84	0.30	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	2517.0	256.3	2.60	0.0	0.0	100.0
Harbor Beach	485.0	184.3	46.46	0.79	11.0	624.1	36.02	0.30	0.0	0.0	0.0	99.5	0.5	0.0
Marysville	210.0	177.9	45.16	0.86	0.0	0.0	0.0	0.0	95.0	296.0	2.98	98.2	0.0	1.8
Monroe	6195.0	143.6	36.65	1.94	259.0	607.8	35.21	0.30	0.0	0.0	0.0	99.1	0.9	0.0
Northeast (GT)	0.0	0.0	0.0	0.0	15.0	602.0	34.76	0.30	1093.0	256.6	2.58	0.0	7.3	92.7
Pennsalt	142.0	178.3	45.84	0.77	50.0	609.5	35.26	0.30	0.0	0.0	0.0	92.7	7.3	0.0
River Rouge	1412.0	176.0	41.92	0.76	34.0	356.6	21.96	0.69	5278.0	202.9	0.27	97.4	0.6	2.0
St Clair	2971.0	109.4	21.98	0.63	530.0	405.3	25.39	0.75	111.0	285.7	2.87	94.6	5.3	0.2
Superior (GT)	0.0	0.0	0.0	0.0	18.0	613.3	35.48	0.21	0.0	0.0	0.0	0.0	100.0	0.0
Trenton Channel	1450.0	170.5	44.18	0.79	44.0	603.1	34.94	0.26	0.0	0.0	0.0	99.3	0.7	0.0
Greenwood	0.0	0.0	0.0	0.0	2102.0	405.4	25.19	0.70	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**13241.0**	**147.3**	**35.58**	**1.29**	**3207.0**	**429.4**	**26.48**	**0.66**	**14706.0**	**278.2**	**1.67**	**91.8**	**5.7**	**2.5**
Holland Board of Public Wks														
James De Young	124.3	171.1	43.03	1.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**124.3**	**171.1**	**43.03**	**1.43**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Lansing Board of Water and Light														
Eckert	712.3	194.2	50.06	0.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Erickson	402.9	188.8	47.01	0.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Ottawa	33.9	212.6	56.38	0.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**1149.1**	**192.9**	**49.18**	**0.79**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Marquette Bd of Light and Power														
Shiras	73.5	166.3	42.88	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**73.5**	**166.3**	**42.88**	**1.55**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Michigan St University														
Plant No.65	155.7	179.1	43.89	0.84	0.0	0.0	0.0	0.0	58.9	272.1	2.72	98.5	0.0	1.5
Company Totals	**155.7**	**179.1**	**43.89**	**0.84**	**0.0**	**0.0**	**0.0**	**0.0**	**58.9**	**272.1**	**2.72**	**98.5**	**0.0**	**1.5**
Northern Michigan Electric Coop														
Advance	132.3	178.1	45.04	1.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**132.3**	**178.1**	**45.04**	**1.71**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Traverse, City of														
Bayside	24.5	180.1	46.24	0.89	0.0	0.0	0.0	0.0	291.2	306.7	3.14	67.8	0.0	32.2
Company Totals	**24.5**	**180.1**	**46.24**	**0.89**	**0.0**	**0.0**	**0.0**	**0.0**	**291.2**	**306.7**	**3.14**	**67.8**	**0.0**	**32.2**
Upper Peninsula Gen Co														
Presque Isle	1420.0	170.1	35.81	0.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**1420.0**	**170.1**	**35.81**	**0.68**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Upper Peninsula Power														
Escanaba	59.0	175.7	45.09	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**59.0**	**175.7**	**45.09**	**1.50**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Wyandotte Dept of Muni Service														
Wyandotte	44.0	184.7	49.14	0.73	0.0	0.0	0.0	0.0	998.6	287.8	2.92	53.6	0.0	46.4
Company Totals	**44.0**	**184.7**	**49.14**	**0.73**	**0.0**	**0.0**	**0.0**	**0.0**	**998.6**	**287.8**	**2.92**	**53.6**	**0.0**	**46.4**
Ohio														
Cardinal Operating Co (AEP)														
Cardinal	3914.9	139.0	32.45	1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**3914.9**	**139.0**	**32.45**	**1.81**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Cincinnati Gas and Electric Co														
Beckjord	2629.4	143.5	31.77	1.68	164.8	572.7	33.30	0.25	0.0	0.0	0.0	98.4	1.6	0.0
Dicks Creek (GT)	0.0	0.0	0.0	0.0	14.2	553.0	32.03	0.18	634.8	299.3	3.03	0.0	11.3	88.7
Miami Fort	2905.2	137.7	31.90	1.66	415.5	547.6	31.94	0.26	0.0	0.0	0.0	96.5	3.5	0.0
Company Totals	**5534.6**	**140.4**	**31.84**	**1.67**	**594.5**	**554.7**	**32.32**	**0.25**	**634.8**	**299.3**	**3.03**	**96.8**	**2.7**	**0.5**
Cleveland Electric Illum Co														
Ashtabula	1019.4	137.0	33.51	3.67	36.0	386.6	24.19	1.45	0.0	0.0	0.0	99.1	0.9	0.0
Avon Lake	1816.5	143.8	34.73	2.66	38.0	554.9	33.34	0.24	0.0	0.0	0.0	99.5	0.5	0.0
Eastlake	2690.8	157.8	38.69	3.13	83.4	598.2	34.65	0.24	0.0	0.0	0.0	99.3	0.7	0.0
Lake Shore	445.7	217.7	56.76	0.74	333.6	383.5	24.50	1.62	0.0	0.0	0.0	84.5	15.5	0.0
Company Totals	**5972.4**	**154.8**	**37.95**	**2.90**	**491.0**	**430.3**	**26.88**	**1.26**	**0.0**	**0.0**	**0.0**	**97.9**	**2.1**	**0.0**

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
East North Central Region —Cont.														
Ohio —Cont.														
Cleveland, City of														
41 St (GT)	0.0	0.0	0.0	0.0	3.7	597.2	35.11	0.50	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**3.7**	**597.2**	**35.11**	**0.50**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
Columbus and Southern Ohio Elec														
Conesville	4100.4	120.6	27.04	4.61	50.4	605.7	34.77	0.38	0.0	0.0	0.0	99.7	0.3	0.0
Picway	265.6	103.5	23.77	4.09	3.5	593.2	33.96	0.32	0.0	0.0	0.0	99.7	0.3	0.0
Poston	479.8	104.6	24.20	3.62	4.3	562.4	32.16	0.36	0.0	0.0	0.0	99.8	0.2	0.0
Walnut (GT)	0.0	0.0	0.0	0.0	8.7	543.9	31.15	0.25	992.2	289.6	2.98	0.0	4.6	95.4
Company Totals	**4845.8**	**118.0**	**26.58**	**4.48**	**66.8**	**594.3**	**34.09**	**0.36**	**992.2**	**289.6**	**2.98**	**98.7**	**0.3**	**0.9**
The Dayton Power and Light Co														
Tait	448.7	201.3	52.39	0.64	249.6	565.6	32.71	0.39	0.0	0.0	0.0	89.0	11.0	0.0
Hutchings	654.0	190.9	48.42	0.63	0.0	0.0	0.0	0.0	330.3	298.9	3.02	98.0	0.0	2.0
Stuart	6111.5	149.1	33.97	1.10	19.7	632.1	36.19	0.31	0.0	0.0	0.0	99.9	0.1	0.0
Yankee St (GT)	0.0	0.0	0.0	0.0	0.9	564.9	32.42	0.10	1022.1	298.5	3.02	0.0	0.5	99.5
Company Totals	**7214.2**	**156.9**	**36.42**	**1.03**	**270.3**	**570.4**	**32.96**	**0.39**	**1352.4**	**298.6**	**3.02**	**98.3**	**0.9**	**0.8**
Hamilton, City of														
Hamilton	185.2	166.2	41.48	0.77	1.3	667.2	38.39	0.21	412.5	274.7	2.75	91.7	0.1	8.2
Company Totals	**185.2**	**166.2**	**41.48**	**0.77**	**1.3**	**667.2**	**38.39**	**0.21**	**412.5**	**274.7**	**2.75**	**91.7**	**0.1**	**8.2**
Ohio Edison														
Edgewater	401.9	149.6	36.26	1.72	23.3	602.5	34.94	0.45	0.0	0.0	0.0	98.6	1.4	0.0
Gorge Steam	226.9	110.7	26.58	2.73	1.6	616.4	35.45	0.28	0.0	0.0	0.0	99.8	0.2	0.0
Mad River	82.6	150.0	36.39	0.85	24.2	598.1	34.49	0.47	0.0	0.0	0.0	93.5	6.5	0.0
Niles	499.7	121.6	29.59	2.59	18.4	594.2	34.42	0.44	0.0	0.0	0.0	99.1	0.9	0.0
Norwalk	1.6	105.4	24.35	3.17	0.2	525.7	30.16	0.40	0.0	0.0	0.0	97.0	3.0	0.0
Burger	991.1	174.4	43.02	3.97	8.0	596.9	34.56	0.50	0.0	0.0	0.0	99.8	0.2	0.0
Sammis	4894.3	142.9	35.01	1.62	37.4	578.0	33.78	0.52	0.0	0.0	0.0	99.8	0.2	0.0
Toronto	407.1	104.4	25.40	3.08	2.2	592.8	34.70	0.53	0.0	0.0	0.0	99.9	0.1	0.0
W Lorain (GT)	0.0	0.0	0.0	0.0	226.6	569.6	33.09	0.45	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**7505.2**	**143.1**	**35.01**	**2.11**	**341.9**	**577.0**	**33.52**	**0.46**	**0.0**	**0.0**	**0.0**	**98.9**	**1.1**	**0.0**
Ohio Valley Electric Coop														
Kyger Creek	2732.0	117.7	28.34	3.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**2732.0**	**117.7**	**28.34**	**3.91**	**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	115.1	103.0	23.69	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**115.1**	**103.0**	**23.69**	**3.50**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Painesville Electric Light Dept														
Painesville	89.1	134.4	32.84	2.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**89.1**	**134.4**	**32.84**	**2.73**	**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	104.8	118.7	29.08	2.10	10.8	590.8	34.74	0.30	0.0	0.0	0.0	97.6	2.4	0.0
Company Totals	**104.8**	**118.7**	**29.08**	**2.10**	**10.8**	**590.8**	**34.74**	**0.30**	**0.0**	**0.0**	**0.0**	**97.6**	**2.4**	**0.0**
The Toledo Edison Co														
Acme	378.1	174.5	45.45	0.69	388.1	354.4	19.37	0.28	110.1	247.0	1.69	81.8	17.6	0.6
Bay Shore	1412.9	183.2	47.32	0.78	22.4	637.9	37.20	0.40	0.0	0.0	0.0	99.6	0.4	0.0
Defiance-Richland	0.0	0.0	0.0	0.0	38.3	625.3	36.20	0.05	146.8	243.8	2.41	0.0	60.5	39.5
Company Totals	**1791.0**	**181.4**	**46.93**	**0.76**	**448.8**	**393.6**	**21.70**	**0.27**	**256.9**	**244.9**	**2.10**	**94.5**	**5.0**	**0.4**
Ohio Power (AEP)														
Muskingum	3178.9	141.1	31.57	4.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Gavin	7582.9	178.3	33.54	2.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**10761.8**	**165.9**	**32.96**	**3.26**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Wisconsin														
Dairyland Power Cooperative														
Alma-Madgett	1179.8	142.5	25.04	1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Genoa No.3	886.5	137.1	26.79	2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Stoneman	52.4	138.2	30.28	3.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**2118.7**	**140.0**	**25.90**	**1.60**	**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	142.9	159.8	33.00	1.41	0.0	0.0	0.0	0.0	141.9	185.9	1.84	95.4	0.0	4.6
Company Totals	**142.9**	**159.8**	**33.00**	**1.41**	**0.0**	**0.0**	**0.0**	**0.0**	**141.9**	**185.9**	**1.84**	**95.4**	**0.0**	**4.6**
Madison Gas and Electric														
Fitchburg (GT)	0.0	0.0	0.0	0.0	0.8	602.5	34.92	0.50	311.2	283.1	2.83	0.0	1.5	98.5
Blount	168.7	161.2	37.63	2.90	0.6	591.3	34.27	0.50	1384.8	290.4	2.91	73.9	0.1	26.0
Sycamore (GT)	0.0	0.0	0.0	0.0	0.2	591.3	34.27	0.50	317.7	282.2	2.82	0.0	0.4	99.6
Company Totals	**168.7**	**161.2**	**37.63**	**2.90**	**1.6**	**596.9**	**34.60**	**0.50**	**2013.7**	**288.0**	**2.88**	**66.1**	**0.2**	**33.8**
Manitowoc Public Utilities														
Manitowoc	66.6	202.5	47.29	1.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**66.6**	**202.5**	**47.29**	**1.04**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Marshfield Elec and Wtr Dept														
Wildwood	44.9	188.3	46.08	2.41	0.0	0.0	0.0	0.0	96.1	312.8	3.16	91.9	0.0	8.1
Company Totals	**44.9**	**188.3**	**46.08**	**2.41**	**0.0**	**0.0**	**0.0**	**0.0**	**96.1**	**312.8**	**3.16**	**91.9**	**0.0**	**8.1**
Menasha Elec and Wtr Utilities														
Menasha	25.8	185.1	45.75	1.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**25.8**	**185.1**	**45.75**	**1.98**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
East North Central Region —Cont.														
Wisconsin —Cont.														
Northern States Power														
Wheaton (GT)	0.0	0.0	0.0	0.0	50.0	585.2	33.92	0.50	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**50.0**	**585.2**	**33.92**	**0.50**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
Wisconsin Electric Power														
Commerce	0.0	0.0	0.0	0.0	2.8	488.0	28.48	0.19	1383.5	312.0	3.15	0.0	1.2	98.8
Lakeside	0.0	0.0	0.0	0.0	17.1	497.0	28.85	0.15	6653.5	287.6	2.90	0.0	1.5	98.5
Oak Creek	3124.4	135.3	31.45	2.35	74.2	543.2	31.59	0.21	365.7	295.7	2.99	98.9	0.6	0.5
Port Washington	786.8	145.6	36.26	3.55	3.8	563.5	32.73	0.21	0.0	0.0	0.0	99.9	0.1	0.0
Valley	779.3	158.1	38.87	2.76	0.0	0.0	0.0	0.0	108.3	316.4	3.19	99.4	0.0	0.6
Pleasant Prairie	932.4	152.3	24.98	0.39	136.4	591.6	34.36	0.21	0.0	0.0	0.0	95.1	4.9	0.0
Germantown	0.0	0.0	0.0	0.0	171.7	531.3	30.92	0.19	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**5622.9**	**142.4**	**32.08**	**2.25**	**406.0**	**552.3**	**32.11**	**0.20**	**8511.0**	**292.3**	**2.95**	**92.0**	**1.7**	**6.2**
Wisconsin Power and Light														
Blackhawk	31.6	165.0	37.11	3.21	0.0	0.0	0.0	0.0	150.4	261.7	2.60	82.6	0.0	17.4
Edgewater	1038.2	144.7	30.82	2.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Nelson Dewey	533.6	130.0	27.36	2.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Rock River	173.9	162.6	36.17	3.34	0.0	0.0	0.0	0.0	686.2	355.2	3.55	85.0	0.0	15.0
Columbia	3556.9	126.4	21.34	0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**5334.3**	**132.7**	**24.37**	**1.34**	**0.0**	**0.0**	**0.0**	**0.0**	**836.7**	**338.4**	**3.38**	**99.2**	**0.0**	**0.8**
Wisconsin Public Service Corp														
Pulliam	715.5	155.8	38.78	2.96	14.1	593.3	34.39	0.22	7.0	294.0	2.96	99.5	0.5	0.0
W Marinette (GT)	0.0	0.0	0.0	0.0	1.2	580.9	33.67	0.22	238.3	287.0	2.89	0.0	2.8	97.2
Weston	311.2	183.8	41.81	3.35	7.6	588.9	34.13	0.22	222.9	296.0	2.98	96.3	0.6	3.1
Company Totals	**1026.7**	**163.8**	**39.70**	**3.08**	**22.9**	**591.2**	**34.26**	**0.22**	**468.2**	**291.4**	**2.93**	**97.6**	**0.5**	**1.8**
Superior Water Light and Power														
Winslow	0.0	0.0	0.0	0.0	65.5	428.0	27.20	1.77	2.2	235.4	2.34	0.0	99.5	0.5
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**65.5**	**428.0**	**27.20**	**1.77**	**2.2**	**235.4**	**2.34**	**0.0**	**99.5**	**0.5**
West North Central Region														
Iowa														
Ames, City of														
Ames	110.7	174.5	34.35	2.12	2.3	565.7	32.85	0.40	12.3	196.2	1.96	98.8	0.6	0.6
Company Totals	**110.7**	**174.5**	**34.35**	**2.12**	**2.3**	**565.7**	**32.85**	**0.40**	**12.3**	**196.2**	**1.96**	**98.8**	**0.6**	**0.6**
Cedar Falls Utilities														
Streeter	25.2	173.8	42.08	2.24	0.0	0.0	0.0	0.0	36.2	240.1	2.37	94.5	0.0	5.5
Company Totals	**25.2**	**173.8**	**42.08**	**2.24**	**0.0**	**0.0**	**0.0**	**0.0**	**36.2**	**240.1**	**2.37**	**94.5**	**0.0**	**5.5**
Corn Belt Power Coop														
Humboldt	1.7	172.0	42.07	3.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Wisdom	0.1	148.3	36.56	3.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**1.8**	**170.5**	**41.72**	**3.42**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Eastern Iowa Light and Power														
Fair	123.9	132.6	28.61	2.83	0.0	0.0	0.0	0.0	9.4	252.3	2.59	99.6	0.0	0.4
Company Totals	**123.9**	**132.6**	**28.61**	**2.83**	**0.0**	**0.0**	**0.0**	**0.0**	**9.4**	**252.3**	**2.59**	**99.6**	**0.0**	**0.4**
Interstate Power														
Dubuque	120.9	143.2	28.55	2.26	12.0	596.9	35.10	0.31	91.3	222.7	2.20	93.7	2.7	3.5
Lansing	803.4	174.9	29.96	0.57	29.6	609.7	35.85	0.30	0.0	0.0	0.0	98.8	1.2	0.0
Kapp	577.4	138.0	29.13	2.71	2.8	589.9	34.68	0.30	11.4	208.2	2.06	99.8	0.1	0.1
Company Totals	**1501.7**	**156.4**	**29.53**	**1.53**	**44.4**	**605.0**	**35.57**	**0.30**	**102.7**	**221.1**	**2.19**	**98.7**	**0.9**	**0.4**
Iowa Electric Light and Power														
Boone	5.0	225.7	44.07	2.96	0.0	0.0	0.0	0.0	125.1	228.9	2.28	44.0	0.0	56.0
6th St	58.0	204.7	41.73	2.23	0.0	0.0	0.0	0.0	801.0	303.8	3.12	59.0	0.0	41.0
Praire Creek 1-4	406.0	237.1	47.82	1.59	0.4	593.7	34.54	0.15	201.0	288.2	2.95	97.5	0.0	2.5
Sutherland	262.0	185.6	38.74	3.87	13.0	677.1	39.39	0.30	132.0	220.9	2.20	96.4	1.3	2.3
Company Totals	**731.0**	**215.6**	**44.06**	**2.47**	**13.4**	**674.6**	**39.24**	**0.30**	**1259.1**	**285.5**	**2.91**	**91.6**	**0.5**	**7.9**
Iowa-Illinois Gas and Electric														
Coralville (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.4	240.5	2.47	0.0	0.0	100.0
Riverside	338.8	152.8	31.49	2.64	0.0	0.0	0.0	0.0	1460.5	259.4	2.66	82.3	0.0	17.7
Company Totals	**338.8**	**152.8**	**31.49**	**2.64**	**0.0**	**0.0**	**0.0**	**0.0**	**1541.9**	**258.4**	**2.65**	**81.5**	**0.0**	**18.5**
Iowa Power and Light														
Council Bluffs	2238.6	97.0	16.32	0.33	35.8	583.5	33.33	0.0	47.7	235.4	2.34	99.3	0.5	0.1
Des Moines	300.2	148.4	29.51	2.12	0.0	0.0	0.0	0.0	256.2	214.4	2.12	95.9	0.0	4.1
River Hills (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	170.8	213.6	2.11	0.0	0.0	100.0
Sycamore (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	274.5	233.8	2.30	0.0	0.0	100.0
Company Totals	**2538.8**	**104.0**	**17.88**	**0.54**	**35.8**	**583.5**	**33.33**	**0.0**	**749.2**	**222.6**	**2.20**	**97.9**	**0.5**	**1.7**
Iowa Public Service														
George Neal 1-4	4116.4	136.1	25.24	0.60	10.7	612.0	35.99	0.0	1496.4	199.2	1.98	98.0	0.1	1.9
Maynard	9.5	172.3	39.58	0.52	0.0	0.0	0.0	0.0	158.6	200.1	1.99	58.1	0.0	41.9
Merl Parr (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.1	196.7	1.95	0.0	0.0	100.0
Company Totals	**4125.9**	**136.2**	**25.28**	**0.60**	**10.7**	**612.0**	**35.99**	**0.0**	**1686.1**	**199.2**	**1.98**	**97.8**	**0.1**	**2.1**
Iowa Southern Utilities														
Bridgeport	0.0	0.0	0.0	0.0	9.5	584.0	33.82	0.40	0.0	0.0	0.0	0.0	100.0	0.0
Burlington	359.1	142.4	31.16	2.73	1.3	616.7	35.71	0.40	0.0	0.0	0.0	99.9	0.1	0.0
Ottumwa	560.5	123.5	20.69	0.35	9.4	613.8	35.54	0.40	0.0	0.0	0.0	99.4	0.6	0.0
Company Totals	**919.6**	**132.1**	**24.78**	**1.28**	**20.2**	**600.0**	**34.74**	**0.40**	**0.0**	**0.0**	**0.0**	**99.3**	**0.7**	**0.0**

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
West North Central Region —Cont.														
Iowa —Cont.														
Muscatine Power and Water														
Muscatine	212.2	137.0	30.28	3.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**212.2**	**137.0**	**30.28**	**3.08**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Pella Municipal Power and Light														
Pella	77.2	142.2	28.43	2.88	0.3	646.3	36.92	0.0	0.0	0.0	0.0	99.9	0.1	0.0
Company Totals	**77.2**	**142.2**	**28.43**	**2.88**	**0.3**	**646.3**	**36.92**	**0.0**	**0.0**	**0.0**	**0.0**	**99.9**	**0.1**	**0.0**
Kansas														
The Central Kansas Power Co														
Ross Beach	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1079.7	137.7	1.29	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**1079.7**	**137.7**	**1.29**	**0.0**	**0.0**	**100.0**
Central Tele and Util Corp-Kan														
Cimarron River	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5284.6	206.7	2.01	0.0	0.0	100.0
Large	0.0	0.0	0.0	0.0	14.5	471.5	28.72	0.75	3343.6	212.9	1.99	0.0	2.8	97.2
Mullergren	0.0	0.0	0.0	0.0	28.9	450.2	27.42	0.75	4154.7	160.0	1.52	0.0	4.3	95.7
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**43.5**	**457.4**	**27.85**	**0.75**	**12783.0**	**193.2**	**1.84**	**0.0**	**2.1**	**97.9**
Coffeyville Muni Lt and Wtr Dept														
Coffeyville	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1569.4	193.6	1.94	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**1569.4**	**193.6**	**1.94**	**0.0**	**0.0**	**100.0**
Empire Dist Electric														
Riverton	229.2	151.0	37.07	1.80	0.0	0.0	0.0	0.0	1873.5	195.2	2.00	74.5	0.0	25.5
Company Totals	**229.2**	**151.0**	**37.07**	**1.80**	**0.0**	**0.0**	**0.0**	**0.0**	**1873.5**	**195.2**	**2.00**	**74.5**	**0.0**	**25.5**
Kansas City Bd Public Utilities														
Kaw	281.5	141.6	34.85	2.80	0.4	617.4	35.78	0.50	637.8	216.3	2.20	91.4	0.0	8.5
Quindar0	399.0	135.8	33.16	3.16	26.7	584.8	33.90	0.50	4691.7	221.3	2.21	66.8	1.1	32.2
Company Totals	**680.5**	**138.2**	**33.85**	**3.01**	**27.0**	**585.3**	**33.92**	**0.50**	**5329.5**	**220.7**	**2.21**	**75.2**	**0.7**	**24.1**
Kansas City Power and Light														
La Cygne	3839.8	91.1	16.12	2.10	36.3	600.3	34.75	0.30	0.0	0.0	0.0	99.7	0.3	0.0
Company Totals	**3839.8**	**91.1**	**16.12**	**2.10**	**36.3**	**600.3**	**34.75**	**0.30**	**0.0**	**0.0**	**0.0**	**99.7**	**0.3**	**0.0**
Kansas Gas and Electric														
Evans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27982.0	169.3	1.60	0.0	0.0	100.0
Gill	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12261.0	164.2	1.61	0.0	0.0	100.0
Neosho	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1865.0	190.6	1.93	0.0	0.0	100.0
Ripley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	589.0	203.3	1.99	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**42697.0**	**169.3**	**1.62**	**0.0**	**0.0**	**100.0**
The Kansas Power and Light Co														
Hutchinson	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11480.9	152.5	1.54	0.0	0.0	100.0
Lawrence	1059.4	164.4	33.72	0.53	0.0	0.0	0.0	0.0	379.5	200.8	2.03	98.3	0.0	1.7
Abilene	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	630.6	159.3	1.59	0.0	0.0	100.0
Tecumseh	436.7	164.5	33.84	0.54	0.0	0.0	0.0	0.0	675.6	195.8	2.01	92.8	0.0	7.2
Jeffrey Energy Cnt	3996.0	85.8	14.42	0.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**5492.1**	**110.5**	**19.68**	**0.39**	**0.0**	**0.0**	**0.0**	**0.0**	**13166.6**	**156.5**	**1.58**	**88.0**	**0.0**	**12.0**
Mcpherson Bd of Public Utilities														
Mcpherson (CS)	0.0	0.0	0.0	0.0	11.0	453.9	24.63	0.10	616.0	162.4	1.58	0.0	9.0	91.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**11.0**	**453.9**	**24.63**	**0.10**	**616.0**	**162.4**	**1.58**	**0.0**	**9.0**	**91.0**
Sunflower Electric Coop Inc														
Garden City	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8766.7	200.6	1.68	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**8766.7**	**200.6**	**1.68**	**0.0**	**0.0**	**100.0**
Wellington,city of														
Wellington	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	729.8	207.7	2.09	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**729.8**	**207.7**	**2.09**	**0.0**	**0.0**	**100.0**
Winfield Municipal Elec Lt Dept														
Winfield	0.0	0.0	0.0	0.0	0.2	583.9	34.34	0.55	813.5	198.7	2.23	0.0	0.1	99.9
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.2**	**583.9**	**34.34**	**0.55**	**813.5**	**198.7**	**2.23**	**0.0**	**0.1**	**99.9**
Minnesota														
Austin Utilities														
Austin-Northeast	22.4	190.4	47.37	1.85	0.0	0.0	0.0	0.0	569.1	199.0	1.97	49.7	0.0	50.3
Downtown-4th Ave	0.0	0.0	0.0	0.0	3.3	215.0	12.29	0.44	1009.7	200.2	1.99	0.0	1.8	98.2
Company Totals	**22.4**	**190.4**	**47.37**	**1.85**	**3.3**	**215.0**	**12.29**	**0.44**	**1578.8**	**199.8**	**1.98**	**26.0**	**0.9**	**73.1**
Interstate Power														
Fox Lake	50.1	168.9	29.20	0.67	3.3	347.1	21.38	0.42	1600.1	193.9	1.92	35.0	0.8	64.1
Company Totals	**50.1**	**168.9**	**29.20**	**0.67**	**3.3**	**347.1**	**21.38**	**0.42**	**1600.1**	**193.9**	**1.92**	**35.0**	**0.8**	**64.1**
Minnesota Power and Light														
Aurora-Syl Laskin	207.4	119.1	20.01	1.00	1.0	479.5	30.21	1.62	0.0	0.0	0.0	99.8	0.2	0.0
Boswell	3028.0	91.3	15.94	0.85	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	303.1	465.5	29.54	1.72	2.6	309.6	3.10	0.0	99.9	0.1
Company Totals	**3235.4**	**93.0**	**16.20**	**0.86**	**304.1**	**465.5**	**29.54**	**1.72**	**2.6**	**309.6**	**3.10**	**96.7**	**3.3**	**0.0**
Moorhead Public Service Dept														
Moorhead	86.6	102.5	14.50	0.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**86.6**	**102.5**	**14.50**	**0.62**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Public Utilities Comm - New Ulm														
New Ulm	40.8	178.5	44.62	2.54	8.7	607.7	35.22	0.48	772.4	197.8	1.98	55.3	2.7	41.9
Company Totals	**40.8**	**178.5**	**44.62**	**2.54**	**8.7**	**607.7**	**35.22**	**0.48**	**772.4**	**197.8**	**1.98**	**55.3**	**2.7**	**41.9**
Northern States Power														
Black Dog	616.4	115.4	21.07	1.25	0.0	0.0	0.0	0.0	93.2	235.0	2.34	99.2	0.0	0.8

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
West North Central Region —Cont.														
Minnesota —Cont.														
Northern States Power —Cont.														
Granite City (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.2	199.0	1.97	0.0	0.0	100.0
High Bridge	498.3	109.3	20.57	1.53	5.0	564.3	33.18	0.50	402.3	193.0	1.92	95.6	0.3	4.1
Inver Hills (GT)	0.0	0.0	0.0	0.0	452.5	579.9	34.03	0.50	0.0	0.0	0.0	0.0	100.0	0.0
Key City (GT)	0.0	0.0	0.0	0.0	0.0	0 0	0.0	0.0	35.2	235.0	2.34	0.0	0.0	100.0
King	1520.1	117.0	21.72	1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Minn Valley	27.5	164.2	34.12	1.64	0.0	0.0	0.0	0.0	4.8	243.4	2.42	99.2	0.0	0.8
Riverside	602.9	104.0	20.06	1.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
W Faribault (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	193.0	1.91	0.0	0.0	100.0
Wilmarth	21.3	164.0	26.71	1.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Sherburne County	4678.0	97.9	17.02	0.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**7964.5**	**104.7**	**18.77**	**1.03**	**457.5**	**579.7**	**34.02**	**0.50**	**618.9**	**202.8**	**2.01**	**97.7**	**1.8**	**0.4**
Otter Tail Power														
Hoot Lake	633.4	101.9	14.20	0.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**633.4**	**101.9**	**14.20**	**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	33.4	271.1	17.08	1.77	1643.6	199.1	1.98	0.0	11.4	88.6
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**33.4**	**271.1**	**17.08**	**1.77**	**1643.6**	**199.1**	**1.98**	**0.0**	**11.4**	**88.6**
Rochester Dept Public Utilities														
Silver Lake	181.8	172.7	43.03	2.11	0.0	0.0	0.0	0.0	49.6	225.2	2.25	98.9	0.0	1.1
Cascade Crk (GT)	0.0	0.0	0.0	0.0	2.4	664.1	37.92	0.38	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**181.8**	**172.7**	**43.03**	**2.11**	**2.4**	**664.1**	**37.92**	**0.38**	**49.6**	**225.2**	**2.25**	**98.6**	**0.3**	**1.1**
United Power Association														
Elk River	16.5	155.9	27.01	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**16.5**	**155.9**	**27.01**	**0.78**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Virginia, Minn Dept of Pub Util														
Virginia	92.8	169.2	29.69	0.95	0.0	0.0	0.0	0.0	314.0	204.4	2.04	83.8	0.0	16.2
Company Totals	**92.8**	**169.2**	**29.69**	**0.95**	**0.0**	**0.0**	**0.0**	**0.0**	**314.0**	**204.4**	**2.04**	**83.8**	**0.0**	**16.2**
Willmar Municipal Utilities Comm														
Willmar	60.0	169.6	29.75	0.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**60.0**	**169.6**	**29.75**	**0.84**	**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	0.2	367.6	23.03	1.35	578.4	276.4	2.85	0.0	0.3	99.7
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.2**	**367.6**	**23.03**	**1.35**	**578.4**	**276.4**	**2.85**	**0.0**	**0.3**	**99.7**
Associated Elec Coop-Missouri														
Madrid	3427.4	123.5	26.71	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Hill	1456.0	130.0	24.85	4.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**4883.4**	**125.3**	**26.16**	**3.69**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Central Elec Power Coop-Missouri														
Chamois	147.0	136.2	29.14	3.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**147.0**	**136.2**	**29.14**	**3.61**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Columbia Water and Light														
Columbia	81.3	134.4	29.68	3.93	0.0	0.0	0.0	0.0	558.3	240.5	2.40	76.3	0.0	23.7
Company Totals	**81.3**	**134.4**	**29.68**	**3.93**	**0.0**	**0.0**	**0.0**	**0.0**	**558.3**	**240.5**	**2.40**	**76.3**	**0.0**	**23.7**
Empire Dist Electric														
Asbury	640.3	94.1	19.83	5.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**640.3**	**94.1**	**19.83**	**5.23**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
City of Independence Pwr and Lt														
Blue Valley	244.3	119.8	29.18	3.95	17.6	596.0	34.40	0.46	1598.4	198.6	1.99	77.8	1.3	20.9
Jackson Sq (GT)	0.0	0.0	0.0	0.0	1.9	610.6	35.18	0.54	0.0	0.0	0.0	0.0	100.0	0.0
Sub H (GT)	0.0	0.0	0.0	0.0	8.3	609.4	35.13	0.54	304.2	204.6	2.05	0.0	13.6	86.4
Sub I (GT)	0.0	0.0	0.0	0.0	27.9	610.4	35.18	0.52	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**244.3**	**119.8**	**29.18**	**3.95**	**55.8**	**605.7**	**34.93**	**0.50**	**1902.6**	**199.6**	**2.00**	**72.8**	**3.9**	**23.3**
Kansas City Power and Light														
Grand Ave	70.7	115.8	28.58	3.79	1.9	639.0	37.09	0.30	985.7	229.6	2.18	64.8	0.4	34.8
Hawthorne	1268.3	106.1	24.12	2.54	0.0	0.0	0.0	0.0	5424.7	227.6	2.16	84.8	0.0	15.2
Montrose	1354.3	102.1	20.57	6.20	1.2	596.4	34.48	0.30	0.0	0.0	0.0	100.0	0.0	0.0
Northeast	0.0	0.0	0.0	0.0	175.5	596.4	34.51	0.30	21.4	220.5	2.09	0.0	98.0	2.0
Iatan	2206.1	104.7	17.62	0.32	15.7	599.8	34.74	0.30	0.0	0.0	0.0	99.8	0.2	0.0
Company Totals	**4899.4**	**104.6**	**20.28**	**2.57**	**194.3**	**597.1**	**34.56**	**0.30**	**6431.8**	**227.9**	**2.16**	**92.9**	**1.1**	**6.0**
Marshall Municipal Utilities														
Marshall	2.0	110.0	24.20	3.94	0.0	0.0	0.0	0.0	1090.0	211.1	2.11	3.9	0.0	96.1
Company Totals	**2.0**	**110.0**	**24.20**	**3.94**	**0.0**	**0.0**	**0.0**	**0.0**	**1090.0**	**211.1**	**2.11**	**3.9**	**0.0**	**96.1**
Missouri Power and Light														
Fairgrounds	0.0	0.0	0.0	0.0	7.4	411.1	24.18	0.10	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**7.4**	**411.1**	**24.18**	**0.10**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
Missouri Public Service														
Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1086.5	223.0	2.22	0.0	0.0	100.0
Sibley	735.9	144.5	31.34	3.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Greenwood Energy C	0.0	0.0	0.0	0.0	30.1	577.6	33.32	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	133.6	232.4	2.35	0.0	0.0	100.0
Company Totals	**735.9**	**144.5**	**31.34**	**3.15**	**30.1**	**577.6**	**33.32**	**0.0**	**1220.1**	**224.1**	**2.23**	**92.0**	**1.0**	**7.0**

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
West North Central Region —Cont.														
Missouri —Cont.														
City Utilities of Springfield														
James River	198.3	164.9	37.85	3.89	1.7	476.4	18.33	0.0	1185.7	215.0	2.18	79.0	0.1	20.9
Southwest	355.0	151.5	34.48	4.10	4.8	638.6	37.07	0.0	0.0	0.0	0.0	99.7	0.3	0.0
Company Totals	**553.3**	**156.3**	**35.69**	**4.02**	**6.5**	**607.5**	**32.13**	**0.0**	**1185.7**	**215.0**	**2.18**	**91.1**	**0.2**	**8.7**
St Joseph Light and Power														
Edmond	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	132.4	209.6	2.06	0.0	0.0	100.0
Lakeroad	224.7	142.1	33.40	4.54	1.4	216.2	13.61	2.22	1256.1	199.2	1.97	80.9	0.1	19.0
Company Totals	**224.7**	**142.1**	**33.40**	**4.54**	**1.4**	**216.2**	**13.61**	**2.22**	**1388.5**	**200.2**	**1.98**	**79.3**	**0.1**	**20.6**
Union Electric														
Ashley	0.0	0.0	0.0	0.0	378.0	345.7	21.96	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	3.0	599.2	34.48	0.30	0.0	0.0	0.0	0.0	100.0	0.0
Labadie	5810.0	102.7	22.83	2.42	69.0	629.2	36.20	0.36	0.0	0.0	0.0	99.7	0.3	0.0
Meramec	1096.0	167.0	42.11	1.31	1.0	467.0	17.99	0.0	119.0	285.3	2.95	99.5	0.0	0.4
Sioux	2126.0	108.9	22.62	2.35	15.0	621.4	35.75	0.36	0.0	0.0	0.0	99.8	0.2	0.0
Rush Island	3368.0	134.4	28.89	0.95	11.0	616.3	35.46	0.40	0.0	0.0	0.0	99.9	0.1	0.0
Mexico (GT)	0.0	0.0	0.0	0.0	7.0	613.7	35.31	0.30	0.0	0.0	0.0	0.0	100.0	0.0
Moberly (GT)	0.0	0.0	0.0	0.0	9.0	614.0	35.33	0.30	0.0	0.0	0.0	0.0	100.0	0.0
Moreau (GT)	0.0	0.0	0.0	0.0	9.0	608.6	35.02	0.30	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**12400.0**	**118.6**	**26.15**	**1.91**	**502.0**	**408.8**	**25.35**	**1.40**	**119.0**	**285.3**	**2.95**	**98.8**	**1.1**	**0.0**
Nebraska														
Central Neb Pub Pwr and Ir Dept														
Canaday	0.0	0.0	0.0	0.0	63.3	330.9	20.85	1.14	5023.0	181.1	1.70	0.0	7.8	92.2
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**63.3**	**330.9**	**20.85**	**1.14**	**5023.0**	**181.1**	**1.70**	**0.0**	**7.8**	**92.2**
Fremont Dept of Public Utilities														
Wright	176.7	166.3	36.27	0.41	0.2	490.5	18.95	0.0	94.0	235.1	2.35	97.6	0.0	2.4
Company Totals	**176.7**	**166.3**	**36.27**	**0.41**	**0.2**	**490.5**	**18.95**	**0.0**	**94.0**	**235.1**	**2.35**	**97.6**	**0.0**	**2.4**
Grand Island Utilities														
Platte	0.0	0.0	0.0	0.0	10.8	556.9	32.98	0.50	0.0	0.0	0.0	0.0	100.0	0.0
Burdick	0.0	0.0	0.0	0.0	39.7	329.7	20.91	1.34	2514.9	181.5	1.71	0.0	9.6	90.4
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**50.5**	**375.8**	**23.50**	**1.16**	**2514.9**	**181.5**	**1.71**	**0.0**	**11.8**	**88.2**
Hastings Utilities														
North Denver	0.0	0.0	0.0	0.0	27.6	292.5	18.42	0.91	1698.8	182.9	1.72	0.0	9.8	90.2
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**27.6**	**292.5**	**18.42**	**0.91**	**1698.8**	**182.9**	**1.72**	**0.0**	**9.8**	**90.2**
Lincoln Electric System														
Lincoln K	0.0	0.0	0.0	0.0	2.0	339.4	21.94	1.46	22.1	222.8	2.22	0.0	37.3	62.7
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**2.0**	**339.4**	**21.94**	**1.46**	**22.1**	**222.8**	**2.22**	**0.0**	**37.3**	**62.7**
Nebraska Public Power System														
Kramer	206.4	174.3	35.49	0.52	0.0	0.0	0.0	0.0	9.0	278.8	2.77	99.8	0.0	0.2
Scottsbluff	0.0	0.0	0.0	0.0	23.2	319.6	20.36	1.13	827.0	167.7	1.74	0.0	14.7	85.3
Sheldon	436.0	192.4	47.32	0.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Gerald Gentleman	1230.7	72.6	12.78	0.37	60.5	637.4	36.84	0.28	0.0	0.0	0.0	98.4	1.6	0.0
Company Totals	**1873.1**	**119.4**	**23.32**	**0.50**	**83.8**	**543.0**	**32.27**	**0.52**	**836.0**	**168.9**	**1.75**	**96.4**	**1.3**	**2.3**
Omaha Public Power District														
Jones St	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	101.7	207.4	2.05	0.0	0.0	100.0
North Omaha	923.7	130.7	27.18	0.93	0.0	0.0	0.0	0.0	129.0	215.2	2.13	99.3	0.0	0.7
Sarpy County (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.3	204.5	2.03	0.0	0.0	100.0
Nebraska City	1636.6	120.0	19.85	0.38	22.1	599.9	34.77	0.10	0.0	0.0	0.0	99.5	0.5	0.0
Company Totals	**2560.4**	**124.5**	**22.49**	**0.58**	**22.1**	**599.9**	**34.77**	**0.10**	**267.9**	**210.7**	**2.09**	**99.2**	**0.3**	**0.6**
North Dakota														
Basin Electric Power Coop														
Leland Olds	3471.5	52.7	7.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Wm J Neal	317.7	71.5	9.52	0.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**3789.2**	**54.3**	**7.21**	**0.69**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Cooperative Power Association														
Coal Creek	3012.6	72.7	9.23	0.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**3012.6**	**72.7**	**9.23**	**0.62**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Minnkota Power Coop														
Young	3865.2	39.7	5.27	0.62	47.9	606.8	35.68	0.20	0.0	0.0	0.0	99.5	0.5	0.0
Lerfald	0.0	0.0	0.0	0.0	3.8	610.2	35.88	0.18	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**3865.2**	**39.7**	**5.27**	**0.62**	**51.7**	**607.0**	**35.69**	**0.20**	**0.0**	**0.0**	**0.0**	**99.4**	**0.6**	**0.0**
Montana-Dakota Utilities														
Heskett	522.7	60.3	8.53	0.77	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**522.7**	**60.3**	**8.53**	**0.77**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
United Power Association														
Stanton	1025.8	69.2	9.71	0.65	4.9	609.8	35.23	0.50	0.0	0.0	0.0	99.8	0.2	0.0
Company Totals	**1025.8**	**69.2**	**9.71**	**0.65**	**4.9**	**609.8**	**35.23**	**0.50**	**0.0**	**0.0**	**0.0**	**99.8**	**0.2**	**0.0**
South Dakota														
Black Hills Power and Light														
Ben French	77.4	84.7	13.45	0.44	49.6	652.5	37.00	0.31	17.2	283.1	2.62	80.5	18.4	1.0
Kirk	145.5	84.8	13.46	0.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**222.9**	**84.8**	**13.45**	**0.46**	**49.6**	**652.5**	**37.00**	**0.31**	**17.2**	**283.1**	**2.62**	**92.3**	**7.3**	**0.4**
Northern States Power														
Pathfinder	0.0	0.0	0.0	0.0	21.4	306.8	19.46	0.50	550.6	194.0	1.92	0.0	19.9	80.1
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**21.4**	**306.8**	**19.46**	**0.50**	**550.6**	**194.0**	**1.92**	**0.0**	**19.9**	**80.1**

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
West North Central Region —Cont.														
South Dakota —Cont.														
Otter Tail Power														
Big Stone	2453.7	75.3	9.26	0.72	35.0	646.8	37.49	0.31	0.0	0.0	0.0	99.3	0.7	0.0
Company Totals	**2453.7**	**75.3**	**9.26**	**0.72**	**35.0**	**646.8**	**37.49**	**0.31**	**0.0**	**0.0**	**0.0**	**99.3**	**0.7**	**0.0**
South Atlantic Region														
Delaware														
Delmarva Power and Light														
Christiana (GT)	0.0	0.0	0.0	0.0	20.7	580.2	33.73	0.25	0.0	0.0	0.0	0.0	100.0	0.0
Delaware City	20.4	432.2	123.79	6.47	258.8	498.0	31.20	0.89	492.5	433.2	4.86	21.2	58.8	20.0
Edgemoor	0.0	0.0	0.0	0.0	4923.2	428.4	26.84	0.92	4210.4	331.9	3.44	0.0	87.6	12.4
Indian River	1082.9	163.9	40.86	1.54	124.7	639.5	37.15	0.25	0.0	0.0	0.0	97.4	2.6	0.0
Company Totals	**1103.3**	**169.6**	**42.39**	**1.64**	**5327.5**	**437.0**	**27.32**	**0.90**	**4702.9**	**343.3**	**3.58**	**41.9**	**50.6**	**7.5**
Dover, City of														
Mckee Run	0.0	0.0	0.0	0.0	631.6	396.7	25.04	1.90	1681.6	357.9	3.71	0.0	69.6	30.4
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**631.6**	**396.7**	**25.04**	**1.90**	**1681.6**	**357.9**	**3.71**	**0.0**	**69.6**	**30.4**
Washington D. C.														
Potomac Electric Power														
Benning	0.0	0.0	0.0	0.0	1197.0	524.6	31.69	0.87	0.0	0.0	0.0	0.0	100.0	0.0
Buzzard Point	0.0	0.0	0.0	0.0	376.0	480.6	29.44	0.84	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**1573.0**	**514.0**	**31.15**	**0.86**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
Florida														
Florida Power and Light														
Cape Canaveral	0.0	0.0	0.0	0.0	4208.0	335.0	21.12	2.20	17299.1	112.6	1.13	0.0	60.5	39.5
Fort Myers	0.0	0.0	0.0	0.0	5254.0	354.8	22.26	2.11	0.0	0.0	0.0	0.0	100.0	0.0
Lauderdale	0.0	0.0	0.0	0.0	1094.0	425.9	26.55	0.88	11804.0	111.4	1.11	0.0	36.6	63.4
Port Everglades	0.0	0.0	0.0	0.0	6775.0	403.2	25.21	0.90	21706.4	108.3	1.08	0.0	66.1	33.9
Riviera	0.0	0.0	0.0	0.0	1883.0	413.2	25.68	0.92	20539.0	110.0	1.10	0.0	36.3	63.7
Sanford	51.0	206.0	56.74	0.70	4725.0	348.3	21.85	2.13	6416.0	113.2	1.13	3.7	79.1	17.1
Turkey Point	0.0	0.0	0.0	0.0	3728.0	418.1	26.20	0.93	13548.0	106.6	1.07	0.0	63.3	36.7
Manatee	0.0	0.0	0.0	0.0	9227.0	398.3	25.01	0.96	0.0	0.0	0.0	0.0	100.0	0.0
Martin	0.0	0.0	0.0	0.0	1131.0	478.1	29.58	0.65	0.0	0.0	0.0	0.0	100.0	0.0
Putnam	0.0	0.0	0.0	0.0	1376.0	490.0	30.04	0.61	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**51.0**	**206.0**	**56.74**	**0.70**	**39401.0**	**389.3**	**24.37**	**1.35**	**91312.4**	**110.0**	**1.10**	**0.4**	**72.7**	**26.9**
Florida Power Corp														
Avon Park	0.0	0.0	0.0	0.0	332.0	348.8	22.00	2.21	968.0	248.1	2.55	0.0	67.8	32.2
Bayboro (GT)	0.0	0.0	0.0	0.0	114.0	579.3	33.61	0.28	0.0	0.0	0.0	0.0	100.0	0.0
Crystal River	1920.0	205.6	48.35	1.94	54.0	543.5	31.30	0.21	0.0	0.0	0.0	99.3	0.7	0.0
Turner	0.0	0.0	0.0	0.0	1018.0	373.4	23.23	1.78	998.0	248.2	2.55	0.0	86.0	14.0
Higgins	0.0	0.0	0.0	0.0	1024.0	327.1	20.60	2.24	751.0	245.0	2.52	0.0	89.3	10.7
Bartow	0.0	0.0	0.0	0.0	3889.0	356.6	22.31	1.97	106.0	264.5	2.73	0.0	99.6	0.4
Suwannee	0.0	0.0	0.0	0.0	354.0	411.9	25.43	1.75	6687.0	307.9	3.16	0.0	24.2	75.8
Debary	0.0	0.0	0.0	0.0	306.0	475.6	29.33	0.67	0.0	0.0	0.0	0.0	100.0	0.0
Anclote	0.0	0.0	0.0	0.0	7610.0	326.6	20.63	2.24	0.0	0.0	0.0	0.0	100.0	0.0
Intercession (GT)	0.0	0.0	0.0	0.0	614.0	562.2	32.21	0.32	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**1920.0**	**205.6**	**48.35**	**1.94**	**15315.0**	**353.8**	**22.14**	**2.00**	**9510.0**	**290.1**	**2.98**	**30.0**	**63.6**	**6.5**
Fort Pierce, City of														
H D King	0.0	0.0	0.0	0.0	0.7	622.3	35.95	0.25	3135.6	190.7	1.96	0.0	0.1	99.9
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.7**	**622.3**	**35.95**	**0.25**	**3135.6**	**190.7**	**1.96**	**0.0**	**0.1**	**99.9**
Gainesville-Alachua County Utils														
Deerhaven	26.1	207.4	52.62	0.62	247.5	348.6	22.41	1.49	5182.6	193.4	1.99	8.7	21.0	70.3
Jr Kelly	0.0	0.0	0.0	0.0	22.2	324.8	20.88	1.74	2832.6	193.6	1.99	0.0	4.7	95.3
Company Totals	**26.1**	**207.4**	**52.62**	**0.62**	**269.7**	**346.6**	**22.28**	**1.51**	**8015.2**	**193.5**	**1.99**	**6.2**	**16.3**	**77.5**
Gulf Power														
Crist	1712.6	175.4	41.93	2.52	0.0	0.0	0.0	0.0	3818.6	211.4	2.30	90.8	0.0	9.2
Scholtz	170.6	190.1	46.24	3.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Smith	956.8	185.9	44.19	1.10	16.8	580.4	34.25	0.45	0.0	0.0	0.0	99.6	0.4	0.0
Company Totals	**2840.0**	**179.8**	**42.95**	**2.08**	**16.8**	**580.4**	**34.25**	**0.45**	**3818.6**	**211.4**	**2.30**	**94.1**	**0.1**	**5.8**
Jacksonville Electric Authority														
Kennedy	0.0	0.0	0.0	0.0	1877.6	381.3	24.15	1.00	0.0	0.0	0.0	0.0	100.0	0.0
Northside	0.0	0.0	0.0	0.0	5061.0	377.9	24.05	1.67	0.0	0.0	0.0	0.0	100.0	0.0
Southside	0.0	0.0	0.0	0.0	2101.5	385.6	24.35	1.00	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**9040.1**	**380.4**	**24.14**	**1.38**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
Utilities Board City of Key West														
Key West	0.0	0.0	0.0	0.0	291.4	373.0	23.28	1.88	0.0	0.0	0.0	0.0	100.0	0.0
Stock Island	0.0	0.0	0.0	0.0	451.4	357.1	22.54	2.37	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**742.8**	**363.3**	**22.83**	**2.18**	**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	66.8	377.6	23.47	2.20	3065.6	235.5	2.42	0.0	11.6	88.4
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**66.8**	**377.6**	**23.47**	**2.20**	**3065.6**	**235.5**	**2.42**	**0.0**	**11.6**	**88.4**
Lakeland Dept of Elec Wtr Utils														
Larsen Mem	0.0	0.0	0.0	0.0	142.1	333.0	20.82	2.32	6054.2	190.6	1.96	0.0	12.5	87.5
Plant 3-Mcintosh	0.0	0.0	0.0	0.0	1045.7	391.4	24.39	1.24	2271.4	191.2	1.97	0.0	73.6	26.4
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**1187.8**	**384.4**	**23.97**	**1.37**	**8325.6**	**190.8**	**1.97**	**0.0**	**46.3**	**53.7**
Orlando Utilities Comm														
Indian River	0.0	0.0	0.0	0.0	2200.9	371.2	23.28	1.64	12486.6	199.1	2.05	0.0	51.8	48.2

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
South Atlantic Region —Cont.														
Florida —Cont.														
Orlando Utilities Comm —Cont.														
Lake Highland	0.0	0.0	0.0	0.0	32.8	436.1	26.56	0.73	3026.4	199.0	2.05	0.0	6.0	94.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**2233.7**	**372.1**	**23.33**	**1.63**	**15513.0**	**199.1**	**2.05**	**0.0**	**46.7**	**53.3**
Tallahassee, City of														
Hopkins	0.0	0.0	0.0	0.0	627.2	336.7	21.41	2.32	8700.1	192.6	2.01	0.0	30.5	69.5
Purdom	0.0	0.0	0.0	0.0	323.6	332.2	21.15	2.19	2138.2	192.8	2.01	0.0	48.0	52.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**950.8**	**335.1**	**21.32**	**2.27**	**10838.3**	**192.7**	**2.01**	**0.0**	**34.8**	**65.2**
Tampa Electric														
Big Bend	2719.7	148.2	34.19	2.85	201.1	596.2	34.41	0.30	0.0	0.0	0.0	98.2	1.8	0.0
Gannon	1127.2	208.5	51.63	1.28	3551.1	386.4	24.36	0.86	0.0	0.0	0.0	55.5	44.5	0.0
Hookers Point	0.0	0.0	0.0	0.0	796.1	388.7	24.50	0.93	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**3846.9**	**166.7**	**39.30**	**2.39**	**4548.4**	**395.3**	**24.83**	**0.85**	**0.0**	**0.0**	**0.0**	**76.0**	**24.0**	**0.0**
Vero Beach Municipal Utilities														
Vero Beach	0.0	0.0	0.0	0.0	332.6	375.8	23.65	2.44	3184.3	189.5	2.00	0.0	38.4	61.6
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**332.6**	**375.8**	**23.65**	**2.44**	**3184.3**	**189.5**	**2.00**	**0.0**	**38.4**	**61.6**
Georgia														
Georgia Power (Southern Co)														
Arkwright	263.1	172.8	42.44	1.89	1.3	614.4	35.61	0.17	76.3	238.9	2.46	98.7	0.1	1.2
Atkinson-Mcdonough	841.8	159.8	38.16	2.02	40.2	618.7	35.86	0.16	2204.9	230.6	2.37	88.9	1.0	10.0
Bowen	7142.9	138.0	33.32	1.83	72.6	619.6	35.91	0.17	0.0	0.0	0.0	99.8	0.2	0.0
Hammond	1466.8	161.5	40.12	1.69	15.4	624.5	35.94	0.16	0.0	0.0	0.0	99.8	0.2	0.0
Harllee Branch	2012.2	172.9	42.30	1.26	16.3	626.7	36.03	0.16	0.0	0.0	0.0	99.8	0.2	0.0
Mcmanus	0.0	0.0	0.0	0.0	52.7	540.7	31.94	0.21	0.0	0.0	0.0	0.0	100.0	0.0
Mitchell	476.7	143.8	36.64	1.16	33.4	628.8	36.45	0.17	0.0	0.0	0.0	98.4	1.6	0.0
Yates	3078.9	162.6	38.87	1.95	22.2	627.2	36.35	0.16	0.0	0.0	0.0	99.8	0.2	0.0
Wansley	5444.1	143.0	32.20	2.20	45.5	617.7	35.80	0.01	0.0	0.0	0.0	99.8	0.2	0.0
Vogtle (GT)	0.0	0.0	0.0	0.0	21.4	631.1	36.58	0.20	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**20726.5**	**149.6**	**35.59**	**1.87**	**321.0**	**608.9**	**35.38**	**0.15**	**2281.2**	**230.9**	**2.38**	**99.2**	**0.4**	**0.5**
Savannah Electric and Power														
Boulevard (GT)	0.0	0.0	0.0	0.0	6.9	596.9	34.59	0.17	0.0	0.0	0.0	0.0	100.0	0.0
Port Wentworth	580.1	163.2	39.98	0.94	329.5	348.1	21.84	2.50	1247.7	297.3	3.11	80.8	11.8	7.4
Riverside	0.0	0.0	0.0	0.0	26.0	452.5	28.11	1.50	110.6	293.1	3.04	0.0	58.5	41.5
Effingham	0.0	0.0	0.0	0.0	361.1	338.5	21.18	2.49	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**580.1**	**163.2**	**39.98**	**0.94**	**723.5**	**349.2**	**21.86**	**2.44**	**1358.3**	**297.0**	**3.10**	**70.5**	**22.5**	**7.0**
Maryland														
Baltimore Gas and Electric														
Crane	145.0	161.0	40.98	2.05	1461.0	450.3	28.08	0.96	0.0	0.0	0.0	28.8	71.2	0.0
Gould St	0.0	0.0	0.0	0.0	421.0	436.0	27.28	0.96	0.0	0.0	0.0	0.0	100.0	0.0
Wagner	669.8	183.6	47.41	0.90	1956.0	431.6	26.84	0.95	0.0	0.0	0.0	58.7	41.3	0.0
Notch Cliff (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2881.0	240.9	2.46	0.0	0.0	100.0
Perryman (GT)	0.0	0.0	0.0	0.0	151.0	577.3	33.56	0.19	0.0	0.0	0.0	0.0	100.0	0.0
Phila Rd (GT)	0.0	0.0	0.0	0.0	9.0	601.8	34.80	0.18	0.0	0.0	0.0	0.0	100.0	0.0
Riverside	0.0	0.0	0.0	0.0	807.0	445.1	27.77	0.95	1597.0	241.0	2.46	0.0	75.5	24.5
Westport	0.0	0.0	0.0	0.0	309.0	427.5	26.71	0.97	304.0	237.7	2.41	0.0	86.2	13.8
Company Totals	**814.8**	**179.7**	**46.26**	**1.11**	**5114.0**	**443.5**	**27.58**	**0.93**	**4782.0**	**240.7**	**2.46**	**36.4**	**55.1**	**8.5**
Delmarva Power and Light-Md														
Vienna	0.0	0.0	0.0	0.0	881.6	406.1	25.38	1.91	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**881.6**	**406.1**	**25.38**	**1.91**	**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	48.8	560.6	32.23	0.20	443.5	350.7	3.63	0.0	38.0	62.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**48.8**	**560.6**	**32.23**	**0.20**	**443.5**	**350.7**	**3.63**	**0.0**	**38.0**	**62.0**
Potomac Electric Power														
Chalk	1035.0	152.4	37.61	1.78	2643.0	408.9	25.27	1.75	0.0	0.0	0.0	61.0	39.0	0.0
Dickerson	1198.0	151.0	37.05	1.58	105.0	613.3	35.64	0.20	0.0	0.0	0.0	98.0	2.0	0.0
Morgantown	2581.0	151.4	37.24	1.86	697.0	511.4	31.05	1.23	0.0	0.0	0.0	93.7	6.3	0.0
Company Totals	**4814.0**	**151.5**	**37.27**	**1.78**	**3445.0**	**435.2**	**26.76**	**1.60**	**0.0**	**0.0**	**0.0**	**84.8**	**15.2**	**0.0**
The Potomac Edison Co (APS)														
Smith	373.1	124.7	30.72	1.01	3.3	607.2	35.59	0.30	0.0	0.0	0.0	99.8	0.2	0.0
Company Totals	**373.1**	**124.7**	**30.72**	**1.01**	**3.3**	**607.2**	**35.59**	**0.30**	**0.0**	**0.0**	**0.0**	**99.8**	**0.2**	**0.0**
North Carolina														
Carolina Power and Light														
Asheville	1041.6	151.0	37.80	0.93	7.2	598.7	34.70	0.20	0.0	0.0	0.0	99.8	0.2	0.0
Blewett (GT)	0.0	0.0	0.0	0.0	5.4	603.0	34.95	0.20	0.0	0.0	0.0	0.0	100.0	0.0
Cape Fear	703.2	157.1	38.31	1.04	28.1	596.7	34.58	0.20	0.0	0.0	0.0	99.1	0.9	0.0
Lee	852.9	160.5	39.39	1.09	31.3	569.5	32.94	0.20	0.0	0.0	0.0	99.1	0.9	0.0
Roxboro	4633.6	152.8	37.88	0.76	41.7	594.2	34.44	0.20	0.0	0.0	0.0	99.8	0.2	0.0
Sutton	1136.0	164.2	40.49	1.06	13.0	536.2	31.08	0.20	0.0	0.0	0.0	99.7	0.3	0.0
Weatherspoon	300.6	160.6	39.57	1.08	11.0	556.5	32.25	0.20	432.0	293.7	3.04	93.5	0.8	5.6
Company Totals	**8667.9**	**155.4**	**38.46**	**0.89**	**137.7**	**581.2**	**33.67**	**0.20**	**432.0**	**293.7**	**3.04**	**99.4**	**0.4**	**0.2**
Duke Power														
Allen	2046.9	151.4	37.51	0.89	29.5	582.6	33.81	0.22	0.0	0.0	0.0	99.7	0.3	0.0
Buck	546.1	158.9	38.80	1.08	21.1	594.8	34.43	0.30	320.0	341.6	3.53	96.7	0.9	2.4
Cliffside	1549.3	143.0	35.23	1.03	26.3	596.7	34.63	0.22	0.0	0.0	0.0	99.6	0.4	0.0
Dan River	398.0	160.5	39.27	0.99	26.4	601.3	34.78	0.29	252.8	294.0	3.04	95.9	1.5	2.6

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
South Atlantic Region —Cont.														
North Carolina —Cont.														
Duke Power —Cont.														
Marshall	4550.6	167.9	40.71	1.03	58.3	597.4	34.59	0.23	0.0	0.0	0.0	99.7	0.3	0.0
Riverbend	888.8	170.4	40.71	1.24	21.6	599.9	34.50	0.27	463.8	328.5	3.40	97.2	0.6	2.2
Belews Creek	4786.2	152.3	37.24	0.95	30.9	581.7	33.76	0.21	0.0	0.0	0.0	99.8	0.2	0.0
Company Totals	**14765.9**	**157.5**	**38.46**	**1.00**	**214.1**	**593.5**	**34.37**	**0.24**	**1036.6**	**324.1**	**3.35**	**99.4**	**0.3**	**0.3**
Virginia Electric and Power														
Kitty Hawk (GT)	0.0	0.0	0.0	0.0	30.0	510.0	29.99	0.32	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**30.0**	**510.0**	**29.99**	**0.32**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
South Carolina														
Carolina Power and Light														
Darlington (GT)	0.0	0.0	0.0	0.0	190.2	579.2	33.57	0.20	0.0	0.0	0.0	0.0	100.0	0.0
Robinson	430.3	157.0	38.50	1.54	10.0	592.4	34.12	0.20	180.1	241.4	2.48	97.7	0.5	1.7
Company Totals	**430.3**	**157.0**	**38.50**	**1.54**	**200.2**	**579.8**	**33.60**	**0.20**	**180.1**	**241.4**	**2.48**	**88.7**	**9.8**	**1.6**
Duke Power														
Buzzard Pt (GT)	0.0	0.0	0.0	0.0	7.3	647.5	37.72	0.15	1236.4	228.0	2.35	0.0	3.2	96.8
Lee	730.2	147.5	35.67	1.08	1.5	561.1	32.75	0.25	626.5	330.4	3.42	96.4	0.0	3.5
Company Totals	**730.2**	**147.5**	**35.67**	**1.08**	**8.8**	**632.8**	**36.88**	**0.17**	**1862.9**	**262.5**	**2.71**	**89.9**	**0.3**	**9.8**
South Carolina Electric and Gas														
Burton (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	122.0	224.2	2.31	0.0	0.0	100.0
Canadys	1134.5	160.2	40.74	1.64	8.3	603.5	34.74	0.20	330.4	224.9	2.32	98.7	0.2	1.2
Coit (GT)	0.0	0.0	0.0	0.0	3.0	599.8	34.86	0.20	191.4	227.0	2.33	0.0	8.1	91.9
Hagood	0.0	0.0	0.0	0.0	32.9	352.1	22.10	2.10	586.5	228.4	2.35	0.0	25.5	74.5
Mcmeekin	630.1	153.6	38.77	1.47	1.9	585.5	33.94	0.20	613.1	227.9	2.34	96.1	0.1	3.8
Parr	0.0	0.0	0.0	0.0	2.5	571.8	33.14	0.20	525.8	226.8	2.33	0.0	2.6	97.4
Urguhart	719.4	156.9	39.19	1.64	1.6	598.6	35.12	0.20	722.9	234.5	2.42	96.0	0.1	4.0
Wateree	1555.1	160.1	40.63	1.39	46.8	595.0	34.38	0.20	0.0	0.0	0.0	99.3	0.7	0.0
Williams	0.0	0.0	0.0	0.0	1935.7	345.3	21.60	2.09	258.2	225.9	2.32	0.0	97.9	2.1
Company Totals	**4039.1**	**158.6**	**40.11**	**1.52**	**2032.6**	**352.7**	**22.01**	**2.03**	**3350.3**	**228.6**	**2.35**	**86.4**	**10.7**	**2.9**
South Carolina Public Serv Auth														
Grainger	355.2	158.4	38.96	1.63	1.9	610.5	35.90	0.30	0.0	0.0	0.0	99.9	0.1	0.0
Hilton Head (GT)	0.0	0.0	0.0	0.0	34.1	603.1	35.46	0.30	0.0	0.0	0.0	0.0	100.0	0.0
Jefferies	650.7	150.9	36.86	1.88	100.6	347.5	21.73	2.28	0.0	0.0	0.0	96.2	3.8	0.0
Myrtle Beach (GT)	0.0	0.0	0.0	0.0	7.3	617.9	36.33	0.30	20.6	257.9	2.71	0.0	66.4	33.6
Georgetown	1890.9	153.5	37.45	1.07	19.9	573.8	33.74	0.30	0.0	0.0	0.0	99.7	0.3	0.0
Company Totals	**2896.8**	**153.5**	**37.50**	**1.32**	**163.7**	**439.6**	**26.86**	**1.52**	**20.6**	**257.9**	**2.71**	**98.6**	**1.4**	**0.0**
Virginia														
Danville Water Gas and Electric														
Brantly	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	227.5	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**	**1.8**	**227.5**	**2.37**	**0.0**	**0.0**	**100.0**
Delmarva Power and Light-Va														
Tasley (GT)	0.0	0.0	0.0	0.0	28.1	620.4	36.06	0.25	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**28.1**	**620.4**	**36.06**	**0.25**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
Potomac Electric Power														
Potomac River	1056.0	175.3	45.64	0.70	60.0	591.9	34.31	0.20	0.0	0.0	0.0	98.8	1.2	0.0
Company Totals	**1056.0**	**175.3**	**45.64**	**0.70**	**60.0**	**591.9**	**34.31**	**0.20**	**0.0**	**0.0**	**0.0**	**98.8**	**1.2**	**0.0**
Virginia Electric and Power														
Bremo Bluff	610.0	169.9	42.46	0.98	6.0	599.0	35.22	0.30	0.0	0.0	0.0	99.8	0.2	0.0
Chesterfield	759.0	192.8	49.24	1.29	1489.0	410.5	25.62	0.84	0.0	0.0	0.0	67.6	32.4	0.0
Lowmoor (GT)	0.0	0.0	0.0	0.0	80.0	589.1	34.64	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	73.0	603.0	35.46	0.31	0.0	0.0	0.0	0.0	100.0	0.0
Portsmouth	474.0	171.4	44.94	0.88	1368.0	429.0	26.80	0.95	1039.0	245.2	2.49	56.4	38.8	4.8
Possum Point	30.0	178.6	45.69	1.23	6627.0	411.5	25.63	1.26	0.0	0.0	0.0	1.8	98.2	0.0
Surry (GT)	0.0	0.0	0.0	0.0	34.0	474.4	27.89	0.39	225.0	246.2	2.50	0.0	46.6	53.4
Yorktown	0.0	0.0	0.0	0.0	5196.0	373.7	23.62	1.64	957.0	336.7	4.11	0.0	96.6	3.4
Company Totals	**1873.0**	**179.7**	**45.88**	**1.08**	**14873.0**	**401.7**	**25.14**	**1.31**	**2221.0**	**288.9**	**3.19**	**33.4**	**64.9**	**1.7**
Appalachian Power (AEP)														
Clinch River	1611.8	164.9	40.09	0.77	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Glen Lyn	661.6	154.6	36.53	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**2273.4**	**162.0**	**39.06**	**0.80**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Potomac Edison-Va (APS)														
Riverton	0.0	0.0	0.0	0.0	2.8	634.6	36.97	0.22	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**2.8**	**634.6**	**36.97**	**0.22**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
West Virginia														
Virginia Electric and Power														
Mount Storm	2660.0	138.5	32.57	1.83	280.0	629.6	37.00	0.29	0.0	0.0	0.0	97.4	2.6	0.0
Company Totals	**2660.0**	**138.5**	**32.57**	**1.83**	**280.0**	**629.6**	**37.00**	**0.29**	**0.0**	**0.0**	**0.0**	**97.4**	**2.6**	**0.0**
Appalachian Power (AEP)														
Amos	7864.6	161.2	38.72	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Kanawha River	1220.6	144.5	32.97	0.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Mountaineer	1935.4	158.9	38.49	0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**11020.6**	**159.0**	**38.04**	**0.76**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Monongahela Power (APS)														
Albright	714.6	111.2	27.01	1.74	4.3	660.5	39.12	0.30	0.0	0.0	0.0	99.9	0.1	0.0
Ft Martin	2421.7	128.8	31.10	1.95	33.6	648.8	38.42	0.30	0.0	0.0	0.0	99.7	0.3	0.0

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
South Atlantic Region —Cont.														
West Virginia —Cont.														
Monongahela Power (APS) —Cont.														
Harrison	4124.2	125.7	33.16	2.82	2.6	671.0	39.74	0.30	131.7	298.5	2.99	99.9	0.0	0.1
Rivesville	278.9	104.9	25.41	1.35	4.9	632.2	37.44	0.30	0.0	0.0	0.0	99.6	0.4	0.0
Willow Island	440.9	143.2	34.90	1.22	4.9	663.4	39.28	0.30	0.0	0.0	0.0	99.7	0.3	0.0
Pleasants	1592.6	130.7	32.33	2.91	33.5	605 3	35.84	0.30	0.0	0.0	0.0	99.5	0.5	0.0
Company Totals	**9572.8**	**126.4**	**31.90**	**2.41**	**83.9**	**632.6**	**37.46**	**0.30**	**131.7**	**298.5**	**2.99**	**99.7**	**0.2**	**0.1**
Ohio Power (AEP)														
Kammer	1652.0	79.2	18.90	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Mitchell	3672.3	144.4	34.81	2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**5324.3**	**124.3**	**29.88**	**3.08**	**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	2002.4	158.2	36.66	1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**2002.4**	**158.2**	**36.66**	**1.01**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
East South Central Region														
Alabama														
Alabama Electric Coop Inc														
Tombigbee	795.9	175.7	40.70	1.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Mc Williams	19.0	151.0	37.11	2.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**814.9**	**175.1**	**40.62**	**1.63**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Alabama Power Co (SC)														
Barry	490.9	161.5	39.62	1.08	162.2	634.2	36.37	0.30	1369.0	261.7	2.97	82.9	6.4	10.7
Chickasaw	0.0	0.0	0.0	0.0	5.3	634.7	36.22	0.37	0.0	0.0	0.0	0.0	100.0	0.0
Demopolis (GT)	0.0	0.0	0.0	0.0	4.5	631.7	36.18	0.27	0.0	0.0	0.0	0.0	100.0	0.0
Gadsden	435.7	132.5	33.34	1.61	0.8	648.6	37.51	0.23	12.4	242.7	2.50	99.8	0.0	0.1
Gorgas 2 and 3	5621.4	162.2	38.79	1.25	39.5	634.3	36.45	0.23	0.0	0.0	0.0	99.8	0.2	0.0
Greene	342.5	195.9	48.73	1.68	12.0	604.4	34.95	0.26	0.0	0.0	0.0	99.2	0.8	0.0
Gaston	5414.2	152.1	36.08	1.76	27.7	626.3	36.17	0.24	0.0	0.0	0.0	99.9	0.1	0.0
James Miller	1063.1	217.2	53.82	0.68	22.8	642.9	36.94	0.27	0.0	0.0	0.0	99.5	0.5	0.0
Company Totals	**13367.8**	**162.5**	**38.99**	**1.43**	**274.8**	**632.8**	**36.34**	**0.28**	**1381.3**	**261.6**	**2.96**	**99.0**	**0.5**	**0.5**
Tennessee Valley Authority														
Colbert	2841.5	159.6	37.14	2.27	53.5	580.5	34.18	0.65	0.0	0.0	0.0	99.5	0.5	0.0
Widows Creek	2814 2	152.8	37.27	1.66	50.1	706.9	40.87	0.50	0.0	0.0	0.0	99.6	0.4	0.0
Company Totals	**5655.7**	**156.1**	**37.20**	**1.96**	**103.6**	**641.0**	**37.41**	**0.58**	**0.0**	**0.0**	**0.0**	**99.6**	**0.4**	**0.0**
Kentucky														
Big Rivers Rural Electric Coop														
Coleman	1691.2	121.8	27.43	2.39	0.0	0.0	0.0	0.0	83.4	279.7	2.80	99.8	0.0	0.2
Reid	1330.7	111.0	24.69	2.52	16.4	641.6	36.65	0.38	0.0	0.0	0.0	99.7	0.3	0.0
R D Green	844.0	110.5	22.79	4.05	7.5	589.8	33.69	0.34	0.0	0.0	0.0	99.8	0.2	0.0
Company Totals	**3866.0**	**115.8**	**25.47**	**2.80**	**23.9**	**625.4**	**35.72**	**0.37**	**83.4**	**279.7**	**2.80**	**99.7**	**0.2**	**0.1**
Cincinnati Gas and Electric Co														
East Bend	277.1	123.2	27.77	2.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**277.1**	**123.2**	**27.77**	**2.91**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
East Kentucky Rural Elec Coop														
Cooper	716.9	134.1	32.63	1.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Dale	312.0	135.5	33.25	0.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Spurlock	892.0	157.9	37.42	1.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**1920.9**	**145.2**	**34.96**	**1.23**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Henderson Municipal Pwr and Lt														
Henderson	149.0	123.7	27.42	2.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**149.0**	**123.7**	**27.42**	**2.53**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Kentucky Utilities														
Brown	1299.6	132.7	32.95	2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Ghent	2309.5	143.6	33.05	2.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Green River	406.8	113.7	26.49	2.24	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	0.0	0.0	0.0	0.0	5.4	306.7	3.07	0.0	0.0	100.0
Pineville	22.9	108.3	27.96	1.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Tyrone	59.0	149.8	40.51	1.16	3.3	568.4	33.42	0.35	0.0	0.0	0.0	98.8	1.2	0.0
Company Totals	**4097.7**	**137.0**	**32.45**	**2.08**	**3.3**	**568.4**	**33.42**	**0.35**	**5.4**	**306.7**	**3.07**	**100.0**	**0.0**	**0.0**
Louisville Gas and Electric														
Cane Run	1352.2	118.1	26.20	3.39	35.4	607.4	35.71	0.20	1594.5	212.5	2.18	94.2	0.7	5.1
Mill Creek	2117.2	121.9	26.70	3.50	26.3	617.9	36.33	0.23	84.5	216.6	2.22	99.5	0.3	0.2
Paddys Run	17.2	113.0	24.80	3.52	0.3	629.6	37.02	0.23	94.5	212.7	2.18	79.3	0.4	20.3
Waterside (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	215.9	2.21	0.0	0.0	100.0
Company Totals	**3486.6**	**120.4**	**26.49**	**3.46**	**62.0**	**611.9**	**35.98**	**0.22**	**1804.5**	**212.8**	**2.18**	**97.2**	**0.5**	**2.3**
Owensboro Municipal Utilities														
Smith	936.0	140.0	31.42	2.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**936.0**	**140.0**	**31.42**	**2.59**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Tennessee Valley Authority														
Paradise	4297.0	94.0	20.29	3.94	43.6	720.7	41.63	0.50	0.0	0.0	0.0	99.7	0.3	0.0
Shawnee	3448.9	181.0	44.94	1.53	19.7	691.9	39.89	0.50	0.0	0.0	0.0	99.9	0.1	0.0
Company Totals	**7745.9**	**135.7**	**31.26**	**2.87**	**63.2**	**711.8**	**41.09**	**0.50**	**0.0**	**0.0**	**0.0**	**99.8**	**0.2**	**0.0**
Kentucky Power (AEP)														
Big Sandy	2417.3	127.2	29.71	1.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**2417.3**	**127.2**	**29.71**	**1.20**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
East South Central Region —Cont.														
Mississippi														
Greenwood Utils														
Henderson Sta	76.0	181.7	44.51	1.61	0.0	0.0	0.0	0.0	187.8	255.6	2.55	90.9	0.0	9.1
Company Totals	**76.0**	**181.7**	**44.51**	**1.61**	**0.0**	**0.0**	**0.0**	**0.0**	**187.8**	**255.6**	**2.55**	**90.9**	**0.0**	**9.1**
Mississippi Pwr and Lt (MSU)														
Wilson	0.0	0.0	0.0	0.0	484.8	327.3	20.65	2.43	44313.3	212.8	2.22	0.0	6.2	93.8
Delta	0.0	0.0	0.0	0.0	90.5	300.6	18.92	2.24	5790.1	269.1	2.71	0.0	8.9	91.1
Natchez	0.0	0.0	0.0	0.0	0.1	369.1	22.93	0.56	2204.0	305.7	2.87	0.0	0.0	100.0
Brown	0.0	0.0	0.0	0.0	1.1	638.4	37.10	0.42	27340.0	185.0	1.80	0.0	0.0	100.0
Gerald Andrus	0.0	0.0	0.0	0.0	4461.6	300.7	18.95	2.65	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**5038.1**	**303.3**	**19.11**	**2.62**	**79647.4**	**210.1**	**2.13**	**0.0**	**28.2**	**71.8**
Mississippi Power (Southern Co)														
Eaton	0.0	0.0	0.0	0.0	33.2	384.0	23.85	2.39	0.0	0.0	0.0	0.0	100.0	0.0
Standard Oil (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3574.6	54.1	0.55	0.0	0.0	100.0
Sweatt	0.0	0.0	0.0	0.0	1.0	590.6	34.43	0.36	1517.9	295.1	3.14	0.0	0.4	99.6
Watson	1791.1	147.0	35.56	2.57	0.0	0.0	0.0	0.0	3855.6	289.9	3.03	91.5	0.0	8.5
Jackson Ct-Daniel	1159.7	242.7	56.75	0.54	17.0	609.6	35.30	0.22	0.0	0.0	0.0	99.6	0.4	0.0
Company Totals	**2950.8**	**183.9**	**43.89**	**1.77**	**51.2**	**459.4**	**27.86**	**1.63**	**8948.1**	**198.1**	**2.06**	**88.0**	**0.4**	**11.6**
South Mississippi Elec Pwr Assn														
Moselle	0.0	0.0	0.0	0.0	15.7	229.3	13.85	2.88	3161.8	275.3	2.82	0.0	2.8	97.2
R D Morrow	724.6	183.5	44.88	1.11	14.9	564.8	33.24	0.94	0.0	0.0	0.0	99.5	0.5	0.0
Company Totals	**724.6**	**183.5**	**44.88**	**1.11**	**30.6**	**390.5**	**23.29**	**1.94**	**3161.8**	**275.3**	**2.82**	**83.8**	**0.9**	**15.3**
Tennessee														
Tennessee Valley Authority														
Allen	1581.9	147.8	35.81	2.33	25.3	593.0	34.89	0.66	0.0	0.0	0.0	99.6	0.4	0.0
Bull Run	2450.8	135.8	30.72	0.93	43.6	702.0	40.56	0.50	0.0	0.0	0.0	99.5	0.5	0.0
Cumberland	4962.8	150.1	32.25	3.74	102.3	702.8	40.73	0.50	0.0	0.0	0.0	99.4	0.6	0.0
Gallatin	2799.6	166.9	40.55	2.86	15.7	700.9	41.02	0.50	0.0	0.0	0.0	99.9	0.1	0.0
Sevier	2193.5	159.0	38.60	2.06	12.8	712.7	41.31	0.50	0.0	0.0	0.0	99.9	0.1	0.0
Johnsonville	3044.9	168.0	39.29	2.28	179.5	579.7	34.02	0.57	0.0	0.0	0.0	98.5	1.5	0.0
Kingston	4489.6	157.8	37.66	1.04	13.1	691.5	39.92	0.50	0.0	0.0	0.0	99.9	0.1	0.0
Watts Bar	320.1	152.7	37.79	2.21	2.0	677.7	39.51	0.50	0.0	0.0	0.0	99.9	0.1	0.0
Company Totals	**21843.2**	**155.7**	**36.21**	**2.26**	**394.3**	**639.0**	**37.28**	**0.54**	**0.0**	**0.0**	**0.0**	**99.5**	**0.5**	**0.0**
West South Central Region														
Arkansas														
Arkansas Electric Coop														
Fitzhugh	0.0	0.0	0.0	0.0	12.6	268.1	17.23	2.80	1436.7	280.3	2.81	0.0	5.3	94.7
Bailey	0.0	0.0	0.0	0.0	71.8	287.6	18.18	2.54	2340.5	228.2	2.31	0.0	16.1	83.9
Mcclellan	0.0	0.0	0.0	0.0	332.4	327.7	20.64	2.80	1758.7	232.7	2.44	0.0	53.1	46.9
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**416.8**	**318.9**	**20.11**	**2.76**	**5535.9**	**242.9**	**2.48**	**0.0**	**31.7**	**68.3**
Arkansas-Missouri Power														
Blytheville (GT)	0.0	0.0	0.0	0.0	113.1	442.0	26.29	0.10	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**113.1**	**442.0**	**26.29**	**0.10**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
Arkansas Power and Light (MSU)														
Lynch	0.0	0.0	0.0	0.0	50.7	415.2	25.12	0.32	4051.4	223.8	2.30	0.0	6.9	93.1
Moses	0.0	0.0	0.0	0.0	518.0	347.4	21.86	1.19	0.0	0.0	0.0	0.0	100.0	0.0
Couch	0.0	0.0	0.0	0.0	65.6	348.7	21.59	1.20	6214.6	132.3	1.43	0.0	5.7	94.3
Lake Catherine	0.0	0.0	0.0	0.0	413.9	343.6	21.24	1.55	21444.5	223.6	2.29	0.0	10.5	89.5
Mabelvale (GT)	0.0	0.0	0.0	0.0	0.7	427.3	25.15	0.33	104.9	223.0	2.28	0.0	3.9	96.1
Ritchie	0.0	0.0	0.0	0.0	1713.7	331.7	20.92	1.25	22389.4	223.9	2.28	0.0	32.2	67.8
Whitebluff	1594.1	150.8	25.94	0.43	143.3	426.6	25.68	0.34	0.0	0.0	0.0	96.9	3.1	0.0
Company Totals	**1594.1**	**150.8**	**25.94**	**0.43**	**2906.0**	**342.5**	**21.46**	**1.22**	**54204.9**	**212.7**	**2.18**	**27.1**	**18.0**	**55.0**
Jonesboro Water and Light Plant														
Jonesboro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89.3	221.7	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**	**89.3**	**221.7**	**2.25**	**0.0**	**0.0**	**100.0**
Southwestern Electric Pwr (CSW)														
Flint Creek	1681.0	116.9	19.67	0.33	5.0	676.0	39.75	0.60	0.0	0.0	0.0	99.9	0.1	0.0
Company Totals	**1681.0**	**116.9**	**19.67**	**0.33**	**5.0**	**676.0**	**39.75**	**0.60**	**0.0**	**0.0**	**0.0**	**99.9**	**0.1**	**0.0**
Louisiana														
Alexandria, City of														
Alexandria-Hunter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6241.8	288.6	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**	**6241.8**	**288.6**	**2.87**	**0.0**	**0.0**	**100.0**
Cajun Electric Power Coop														
Big Cajun No.1	0.0	0.0	0.0	0.0	22.9	550.3	33.16	0.35	15339.4	127.3	1.30	0.0	0.9	99.1
Big Cajun No.2	2067.9	195.5	31.36	0.44	110.9	582.8	34.26	0.35	0.0	0.0	0.0	98.1	1.9	0.0
Company Totals	**2067.9**	**195.5**	**31.36**	**0.44**	**133.8**	**577.2**	**34.07**	**0.35**	**15339.4**	**127.3**	**1.30**	**66.8**	**1.6**	**31.6**
Central Louisiana Electric														
Coughlin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16180.0	278.4	2.92	0.0	0.0	100.0
Teche	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21244.0	273.0	2.89	0.0	0.0	100.0
Rodemacher	0.0	0.0	0.0	0.0	240.0	424.6	26.00	0.70	22456.1	283.0	2.91	0.0	6.0	94.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**240.0**	**424.6**	**26.00**	**0.70**	**59880.1**	**278.1**	**2.91**	**0.0**	**2.3**	**97.7**
Gulf States Utilities														
Louisiana 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13590.0	58.1	0.63	0.0	0.0	100.0
Louisiana 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6060.0	27.6	0.30	0.0	0.0	100.0
Nelson	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41263.1	235.5	2.42	0.0	0.0	100.0

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
West South Central Region —Cont.														
Louisiana —Cont.														
Gulf States Utilities —Cont.														
Willow Glen	0.0	0.0	0.0	0.0	1064.0	381.3	23.69	0.64	62719.0	262.5	2.72	0.0	9.2	90.8
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**1064.0**	**381.3**	**23.69**	**0.64**	**123632.1**	**218.3**	**2.27**	**0.0**	**4.9**	**95.1**
City of Lafayette Util System														
Bonin	0.0	0.0	0.0	0.0	66.6	451.7	27.72	0.58	13918.0	261.2	2.76	0.0	2.7	97.3
Rodemacher	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	705.8	264.6	2.90	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**66.6**	**451.7**	**27.72**	**0.58**	**14623.8**	**261.4**	**2.77**	**0.0**	**2.6**	**97.4**
Louisiana Power and Light (MSU)														
Little Gypsy	0.0	0.0	0.0	0.0	355.9	428.9	26.33	0.29	42816.0	66.3	0.69	0.0	4.7	95.3
Nine Mile	0.0	0.0	0.0	0.0	1269.0	398.6	24.70	0.63	59760.0	152.2	1.58	0.0	11.2	88.8
Sterlington	0.0	0.0	0.0	0.0	14.4	507.0	29.87	0.53	27933.0	123.4	1.28	0.0	0.3	99.7
Monroe	0.0	0.0	0.0	0.0	2.0	386.8	21.96	0.30	3748.0	321.2	3.22	0.0	0.3	99.7
Thibodaux	0.0	0.0	0.0	0.0	1.2	453.4	25.56	0.30	224.0	353.5	3.54	0.0	3.0	97.0
Waterford	0.0	0.0	0.0	0.0	3819.0	345.9	21.81	0.97	2936.0	28.3	0.29	0.0	88.8	11.2
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**5461.5**	**363.8**	**22.80**	**0.85**	**137417.0**	**121.6**	**1.26**	**0.0**	**19.3**	**80.7**
Minden, City of														
Minden	0.0	0.0	0.0	0.0	0.9	596.0	34.55	0.25	444.1	225.0	2.25	0.0	1.1	98.9
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.9**	**596.0**	**34.55**	**0.25**	**444.1**	**225.0**	**2.25**	**0.0**	**1.1**	**98.9**
Natchitoches, City of														
Natchitoches	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1329.2	285.4	2.85	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**1329.2**	**285.4**	**2.85**	**0.0**	**0.0**	**100.0**
New Orleans Public Service (MSU)														
Paterson	0.0	0.0	0.0	0.0	75.4	356.7	22.12	1.44	8472.3	279.9	2.92	0.0	5.0	95.0
Market St	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1993.3	276.1	2.90	0.0	0.0	100.0
Michoud	0.0	0.0	0.0	0.0	404.9	367.2	23.04	1.46	33595.6	270.0	2.83	0.0	6.7	93.3
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**480.3**	**365.5**	**22.89**	**1.46**	**44061.1**	**272.2**	**2.85**	**0.0**	**6.1**	**93.9**
Sewer and Water Board N Orleans														
Pwr House Two	0.0	0.0	0.0	0.0	1.1	604.1	35.29	0.14	1344.6	241.5	2.54	0.0	0.4	99.6
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**1.1**	**604.1**	**35.29**	**0.14**	**1344.6**	**241.5**	**2.54**	**0.0**	**0.4**	**99.6**
Opelousas Municipal Elec Dept														
Opelousas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	597.8	304.0	3.08	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**597.8**	**304.0**	**3.08**	**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	2851.0	257.9	2.75	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**2851.0**	**257.9**	**2.75**	**0.0**	**0.0**	**100.0**
Southwestern Electric Pwr (CSW)														
Arsenal Hill	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1960.0	207.7	2.21	0.0	0.0	100.0
Lieberman	0.0	0.0	0.0	0.0	1.3	437.8	27.10	0.60	8986.8	231.5	2.46	0.0	0.1	99.9
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**1.3**	**437.8**	**27.10**	**0.60**	**10946.8**	**227.2**	**2.41**	**0.0**	**0.1**	**99.9**
Oklahoma														
Oklahoma Gas and Electric														
Arbuckle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3426.2	166.1	1.72	0.0	0.0	100.0
Belle Isle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.6	401.1	4.10	0.0	0.0	100.0
Enid (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	237.8	168.5	1.75	0.0	0.0	100.0
Horseshoe Lake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44409.5	166.2	1.72	0.0	0.0	100.0
Muskogee	3104.0	112.1	19.53	0.36	0.0	0.0	0.0	0.0	11549.2	165.7	1.72	81.9	0.0	18.1
Mustang	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26379.9	165.2	1.71	0.0	0.0	100.0
Osage	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.1	288.9	2.94	0.0	0.0	100.0
Seminole	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79734.1	165.7	1.72	0.0	0.0	100.0
Sooner	1940.7	120.7	21.29	0.37	17.9	529.5	31.58	0.18	0.0	0.0	0.0	99.7	0.3	0.0
Company Totals	**5044.7**	**115.4**	**20.21**	**0.36**	**17.9**	**529.5**	**31.58**	**0.18**	**165824.5**	**165.8**	**1.72**	**33.9**	**0.0**	**66.0**
Public Serv Co of Oklahoma (CSW)														
Northeastern	2838.0	137.8	23.69	0.42	0.0	0.0	0.0	0.0	32874.0	177.1	1.91	57.9	0.0	42.1
Southwestern	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17750.0	178.9	1.91	0.0	0.0	100.0
Tulsa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17644.0	176.8	1.89	0.0	0.0	100.0
Riverside	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49797.0	179.1	1.89	0.0	0.0	100.0
Comanche (CS)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13792.0	177.8	1.88	0.0	0.0	100.0
Company Totals	**2838.0**	**137.8**	**23.69**	**0.42**	**0.0**	**0.0**	**0.0**	**0.0**	**131857.0**	**178.1**	**1.90**	**25.8**	**0.0**	**74.2**
Western Farmers Electric Coop														
Anadarko	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17082.3	203.6	2.11	0.0	0.0	100.0
Mooreland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10124.2	206.5	2.14	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**27206.5**	**204.7**	**2.12**	**0.0**	**0.0**	**100.0**
Texas														
City of Austin Electric Dept														
Decker Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14011.8	252.8	2.58	0.0	0.0	100.0
Holly	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6542.8	263.4	2.66	0.0	0.0	100.0
Seaholm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	599.5	251.1	2.55	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**21154.1**	**256.0**	**2.61**	**0.0**	**0.0**	**100.0**
Brazos Electric Power Coop														
North Texas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1361.7	251.1	2.62	0.0	0.0	100.0
Miller	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19001.5	256.5	2.59	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**20363.2**	**256.2**	**2.59**	**0.0**	**0.0**	**100.0**

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
West South Central Region —Cont.														
Texas —Cont.														
Brownsville Public Utilities Bd														
Si Ray	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3797.4	261.7	2.62	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**3797.4**	**261.7**	**2.62**	**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	1365.9	240.5	2.54	0.0	0.0	100.0
Dansby	0.0	0.0	0.0	0.0	6.1	341.2	20.58	0.04	5042.1	228.3	2.47	0.0	0.7	99.3
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**6.1**	**341.2**	**20.58**	**0.04**	**6408.1**	**230.9**	**2.49**	**0.0**	**0.5**	**99.5**
Central Power and Light (CSW)														
Joslin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10180.8	249.5	2.62	0.0	0.0	100.0
Bates	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8204.2	247.9	2.62	0.0	0.0	100.0
Laredo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6895.2	267.2	2.84	0.0	0.0	100.0
Hill	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16264.9	250.7	2.68	0.0	0.0	100.0
Nueces Bay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18788.7	262.5	2.73	0.0	0.0	100.0
La Palma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13132.4	246.9	2.63	0.0	0.0	100.0
Victoria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15673.1	258.6	2.68	0.0	0.0	100.0
Davis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32947.7	252.8	2.63	0.0	0.0	100.0
Coleto Creek	982.7	207.9	43.88	0.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**982.7**	**207.9**	**43.88**	**0.36**	**0.0**	**0.0**	**0.0**	**0.0**	**122086.9**	**254.3**	**2.67**	**13.9**	**0.0**	**86.1**
Dallas Pwr and Lt (Texas Utils)														
Dallas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1091.7	234.7	2.42	0.0	0.0	100.0
Lake Hubbard	0.0	0.0	0.0	0.0	40.5	521.4	32.44	0.47	28060.1	237.2	2.45	0.0	0.9	99.1
Mountain Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11656.1	237.6	2.43	0.0	0.0	100.0
North Lake	0.0	0.0	0.0	0.0	23.6	488.2	30.37	0.56	21577.0	234.9	2.47	0.0	0.6	99.4
Parkdale	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4034.0	236.2	2.40	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**64.1**	**509.2**	**31.68**	**0.50**	**66418.8**	**236.4**	**2.45**	**0.0**	**0.6**	**99.4**
Denton, City of														
Denton-Spencer	0.0	0.0	0.0	0.0	38.4	631.3	37.08	0.0	4234.2	236.3	2.51	0.0	4.8	95.2
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**38.4**	**631.3**	**37.08**	**0.0**	**4234.2**	**236.3**	**2.51**	**0.0**	**4.8**	**95.2**
El Paso Electric														
Copper	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	401.6	275.0	2.84	0.0	0.0	100.0
Rio Grande	0.0	0.0	0.0	0.0	107.0	536.1	31.56	0.37	11808.1	229.8	2.36	0.0	4.9	95.1
Newman	0.0	0.0	0.0	0.0	86.0	424.9	25.75	0.90	20519.3	263.2	2.71	0.0	2.4	97.6
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**193.0**	**485.8**	**28.97**	**0.61**	**32729.1**	**251.3**	**2.58**	**0.0**	**3.3**	**96.7**
Garland Municipal Pwr and Lt														
Newman	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	427.3	237.4	2.46	0.0	0.0	100.0
Olinger	0.0	0.0	0.0	0.0	16.3	405.3	24.58	0.54	15597.0	231.0	2.39	0.0	0.6	99.4
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**16.3**	**405.3**	**24.58**	**0.54**	**16024.3**	**231.2**	**2.39**	**0.0**	**0.6**	**99.4**
Greenville Electric Dept														
Greenville	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2923.0	231.7	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**	**2923.0**	**231.7**	**2.42**	**0.0**	**0.0**	**100.0**
Gulf States Utilities														
Lewis Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31678.0	74.7	0.77	0.0	0.0	100.0
Neches	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26882.0	23.2	0.24	0.0	0.0	100.0
Sabine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91085.0	23.2	0.24	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**149645.0**	**34.0**	**0.35**	**0.0**	**0.0**	**100.0**
Houston Lighting and Power														
Cedar Bayou	0.0	0.0	0.0	0.0	229.4	232.4	14.36	0.70	124515.9	196.7	2.09	0.0	1.1	98.9
Deepwater	0.0	0.0	0.0	0.0	0.0	263.1	16.80	0.70	5825.3	277.7	2.93	0.0	0.0	100.0
Green Bayou	0.0	0.0	0.0	0.0	230.7	220.7	13.58	0.56	25721.4	223.7	2.37	0.0	5.0	95.0
Clarke	0.0	0.0	0.0	0.0	0.1	207.7	12.88	0.70	3412.9	268.1	2.82	0.0	0.0	100.0
Robinson	0.0	0.0	0.0	0.0	71.1	232.9	14.38	0.70	125062.7	194.4	2.03	0.0	0.3	99.7
Bertron	0.0	0.0	0.0	0.0	14.3	249.0	15.28	0.70	34436.0	263.1	2.76	0.0	0.2	99.8
Wharton	0.0	0.0	0.0	0.0	47.1	188.8	10.99	0.10	53640.5	141.8	1.49	0.0	0.5	99.5
Parish	5794.1	206.0	35.84	0.41	204.9	188.6	11.01	0.10	64892.1	232.7	2.45	59.2	0.7	40.1
Webster	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21885.5	232.5	2.43	0.0	0.0	100.0
Company Totals	**5794.1**	**206.0**	**35.84**	**0.41**	**797.6**	**216.0**	**13.09**	**0.47**	**459392.4**	**204.5**	**2.15**	**17.1**	**0.6**	**82.1**
Lower Colorado River Authority														
Gideon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8589.7	256.2	2.58	0.0	0.0	100.0
T C Ferguson	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10201.6	261.4	2.63	0.0	0.0	100.0
S Seymour-Fayette	3398.0	207.1	38.38	0.37	53.0	579.5	34.32	1.00	0.0	0.0	0.0	99.5	0.5	0.0
Company Totals	**3396.0**	**207.1**	**38.38**	**0.37**	**53.0**	**579.5**	**34.32**	**1.00**	**16791.3**	**259.0**	**2.61**	**76.6**	**0.4**	**23.0**
Lubbock Power and Light Dept														
Holly Ave	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6183.9	245.5	2.54	0.0	0.0	100.0
Plant 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2414.4	246.0	2.55	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**8598.3**	**245.6**	**2.55**	**0.0**	**0.0**	**100.0**
Medina Electric Coop														
Pearsall	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2302.1	263.9	2.80	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**2302.1**	**263.9**	**2.80**	**0.0**	**0.0**	**100.0**
City Public Service-San Antonio														
Sommers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18672.2	248.6	2.62	0.0	0.0	100.0
Braunig	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12204.8	251.7	2.66	0.0	0.0	100.0
Tuttle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2321.8	249.8	2.62	0.0	0.0	100.0

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
West South Central Region —Cont.														
Texas —Cont.														
City Public Service-San Antonio —Cont.														
J T Deely	3256.2	162.0	27.21	0.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**3256.2**	**162.0**	**27.21**	**0.72**	**0.0**	**0.0**	**0.0**	**0.0**	**33198.8**	**249.8**	**2.63**	**61.0**	**0.0**	**39.0**
South Texas Electric Coop Inc														
Sam Rayburn	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1459.0	257.5	2.56	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**1459.0**	**257.5**	**2.56**	**0.0**	**0.0**	**100.0**
Southwestern Electric Pwr (CSW)														
Knox Lee	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27140.0	162.6	1.72	0.0	0.0	100.0
Lone Star	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	290.0	2.40	0.0	0.0	100.0
Wilkes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46044.0	74.3	0.71	0.0	0.0	100.0
Welsh Station	3397.0	126.3	21.25	0.33	41.0	589.7	34.68	0.60	0.0	0.0	0.0	99.6	0.4	0.0
Company Totals	**3397.0**	**126.3**	**21.25**	**0.33**	**41.0**	**589.7**	**34.68**	**0.60**	**73185.0**	**109.1**	**1.09**	**43.9**	**0.2**	**55.9**
Southwestern Public Service														
Denver City	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3285.0	239.6	2.43	0.0	0.0	100.0
Jones	0.0	0.0	0.0	0.0	5.0	706.7	40.94	0.41	18309.0	243.8	2.51	0.0	0.2	99.8
Moore	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5349.0	180.5	1.65	0.0	0.0	100.0
Nichols	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21520.0	210.1	2.00	0.0	0.0	100.0
Plant X	0.0	0.0	0.0	0.0	1.0	758.2	44.09	0.41	14418.0	243.0	2.54	0.0	0.0	100.0
Riverview	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3069.0	225.4	2.20	0.0	0.0	100.0
Harrington	2931.0	149.0	26.34	0.42	0.0	0.0	0.0	0.0	784.1	252.2	2.31	98.6	0.0	1.4
Plant 66 (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	538.0	223.9	2.12	0.0	0.0	100.0
Company Totals	**2931.0**	**149.0**	**26.34**	**0.42**	**6.0**	**715.3**	**41.46**	**0.41**	**67272.1**	**227.5**	**2.26**	**43.6**	**0.0**	**56.3**
Texas Electric Serv(Texas Utils)														
Eagle Mountain	0.0	0.0	0.0	0.0	31.0	546.1	32.77	0.62	7481.0	96.4	1.00	0.0	2.3	97.7
Graham	0.0	0.0	0.0	0.0	155.0	470.9	28.25	0.53	21656.0	98.1	1.04	0.0	3.9	96.1
Handley	0.0	0.0	0.0	0.0	39.0	599.0	35.10	0.21	30155.0	97.1	1.01	0.0	0.7	99.3
Morgan Creek	0.0	0.0	0.0	0.0	25.0	509.7	30.58	0.48	33464.0	96.3	1.00	0.0	0.4	99.6
North Main	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	773.0	105.2	1.09	0.0	0.0	100.0
Permian Basin	0.0	0.0	0.0	0.0	327.0	508.7	30.52	0.50	25759.0	97.3	1.00	0.0	6.9	93.1
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**577.0**	**506.5**	**30.34**	**0.50**	**119288.0**	**97.1**	**1.01**	**0.0**	**2.7**	**97.3**
Texas Pwr and Lt (Texas Utils)														
Big Brown	5530.0	49.5	6.75	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	21.0	344.5	22.29	1.20	2732.0	234.5	2.36	0.0	4.7	95.3
Lake Creek	0.0	0.0	0.0	0.0	72.1	622.5	35.66	0.20	9138.0	234.1	2.44	0.0	4.2	95.8
River Crest	0.0	0.0	0.0	0.0	0.1	348.4	22.53	1.20	1423.0	221.4	2.37	0.0	0.1	99.9
Stryker	0.0	0.0	0.0	0.0	4.8	615.8	35.28	0.20	26854.0	86.0	0.88	0.0	0.1	99.9
Tradinghouse	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43028.0	225.6	2.34	0.0	0.0	100.0
Trinidad	0.0	0.0	0.0	0.0	0.4	608.1	34.83	0.20	4448.0	234.8	2.40	0.0	0.0	100.0
Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28297.0	216.3	2.21	0.0	0.0	100.0
Martin Lake	10823.0	70.7	9.47	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Monticello	10661.0	63.5	7.34	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Decordova	0.0	0.0	0.0	0.0	4.9	576.4	33.02	0.20	23802.0	229.1	2.38	0.0	0.1	99.9
Company Totals	**27014.0**	**63.4**	**8.07**	**0.72**	**103.3**	**557.5**	**32.78**	**0.40**	**139722.0**	**198.7**	**2.05**	**70.4**	**0.1**	**29.5**
West Texas Utilities (CSW)														
Abilene	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	105.0	224.4	2.44	0.0	0.0	100.0
Concho	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	876.0	218.2	2.46	0.0	0.0	100.0
Lake Pauline	0.0	0.0	0.0	0.0	2.0	508.2	31.00	0.27	551.0	223.8	2.56	0.0	1.9	98.1
Oak Creek	0.0	0.0	0.0	0.0	5.0	508.2	31.00	0.60	5036.0	220.7	2.34	0.0	0.6	99.4
Paint Creek	0.0	0.0	0.0	0.0	2.0	585.6	34.55	0.06	9725.0	222.3	2.36	0.0	0.1	99.9
Rio Pecos	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10059.0	21.0	0.20	0.0	0.0	100.0
San Angelo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7621.0	223.7	2.32	0.0	0.0	100.0
Fort Phantom	0.0	0.0	0.0	0.0	28.0	495.1	30.04	0.33	20275.0	219.4	2.25	0.0	0.8	99.2
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**37.0**	**502.3**	**30.46**	**0.35**	**54248.0**	**186.8**	**1.91**	**0.0**	**0.4**	**99.6**
Mountain Region														
Arizona														
Arizona Electric Power Coop Inc														
Apache	1019.9	190.4	36.95	0.45	66.2	616.4	36.00	0.36	3496.8	213.2	2.26	82.9	1.6	15.5
Company Totals	**1019.9**	**190.4**	**36.95**	**0.45**	**66.2**	**616.4**	**36.00**	**0.36**	**3496.8**	**213.2**	**2.26**	**82.9**	**1.6**	**15.5**
Arizona Public Service														
Cholla	2268.9	100.2	20.19	0.46	6.8	665.3	39.36	0.35	58.8	291.5	2.69	99.8	0.1	0.1
Ocotillo	0.0	0.0	0.0	0.0	111.2	385.4	24.27	0.79	7326.9	254.5	2.70	0.0	8.3	91.7
Phoenix	0.0	0.0	0.0	0.0	53.6	464.7	28.79	0.50	2156.4	252.0	2.66	0.0	12.7	87.3
Saguaro	0.0	0.0	0.0	0.0	206.3	414.8	26.08	0.85	4704.8	253.9	2.70	0.0	20.6	79.4
Yucca	0.0	0.0	0.0	0.0	34.6	397.5	25.06	0.81	3247.9	235.1	2.45	0.0	6.0	94.0
Company Totals	**2268.9**	**100.2**	**20.19**	**0.46**	**412.5**	**415.7**	**26.08**	**0.78**	**17494.8**	**250.6**	**2.65**	**68.4**	**3.9**	**27.7**
Salt River Project														
Agua Fria	0.0	0.0	0.0	0.0	377.8	408.7	25.78	0.84	10595.6	219.7	2.31	0.0	17.6	82.4
Kyrene	0.0	0.0	0.0	0.0	8.2	411.4	25.87	1.00	1484.7	218.3	2.31	0.0	3.2	96.8
Navajo	7190.3	67.0	14.55	0.48	124.1	663.7	39.02	0.45	0.0	0.0	0.0	99.5	0.5	0.0
Coronado	1991.7	162.6	35.36	0.47	152.9	642.8	37.63	0.31	0.0	0.0	0.0	98.0	2.0	0.0
Santan (GT)	0.0	0.0	0.0	0.0	50.5	602.1	35.67	0.28	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**9182.0**	**87.8**	**19.06**	**0.48**	**713.5**	**512.8**	**31.32**	**0.62**	**12080.3**	**219.6**	**2.31**	**92.1**	**2.0**	**5.9**

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
Mountain Region —Cont.														
Arizona —Cont.														
The Tucson Gas and Electric Co														
Demoss Petrie	0.0	0.0	0.0	0.0	76.0	457.5	27.88	0.95	1313.1	270.1	2.86	0.0	25.0	75.0
Irvington	0.0	0.0	0.0	0.0	706.0	482.8	29.48	0.95	14527.5	251.8	2.67	0.0	21.9	78.1
N Loop (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.8	261.6	2.76	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**782.0**	**480.3**	**29.33**	**0.95**	**15912.4**	**253.4**	**2.68**	**0.0**	**22.1**	**77.9**
Colorado														
Central Tele and Util Corp-Col														
Pueblo	0.4	105.5	21.50	0.50	3.4	614.4	36.64	0.30	1592.7	273.3	2.34	0.6	1.4	98.0
Clark	189.4	92.4	19.00	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**189.8**	**92.4**	**19.01**	**0.50**	**3.4**	**614.4**	**36.64**	**0.30**	**1592.7**	**273.3**	**2.34**	**73.9**	**0.4**	**25.8**
Colorado Springs Dept Pub Utils														
Drake	866.2	110.0	23.26	0.51	5.3	651.2	37.90	0.20	168.8	273.6	2.69	98.9	0.2	0.9
Birdsall	0.0	0.0	0.0	0.0	0.4	630.6	37.58	0.23	285.2	292.6	2.91	0.0	0.8	99.2
Nixon	439.7	131.0	27.34	0.39	18.1	656.1	38.06	0.25	0.0	0.0	0.0	98.9	1.1	0.0
Company Totals	**1305.9**	**117.0**	**24.64**	**0.47**	**23.8**	**654.6**	**38.02**	**0.24**	**454.0**	**285.6**	**2.83**	**97.9**	**0.5**	**1.6**
Colorado-Ute Electric Assn														
Hayden	1539.4	53.6	11.44	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Nucla	92.4	100.5	23.06	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Craig	2085.4	71.8	14.18	0.43	5.4	636.6	36.86	0.36	0.0	0.0	0.0	99.9	0.1	0.0
Company Totals	**3717.2**	**64.7**	**13.27**	**0.47**	**5.4**	**636.6**	**36.86**	**0.36**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Lamar Utilities Board														
Lamar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1187.4	141.7	1.37	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**1187.4**	**141.7**	**1.37**	**0.0**	**0.0**	**100.0**
Public Service Co of Colorado														
Alamosa (GTS)	0.0	0.0	0.0	0.0	69.6	528.2	31.58	0.43	1617.3	186.8	1.89	0.0	20.3	79.7
Arapahoe	995.5	99.7	21.70	0.51	0.0	0.0	0.0	0.0	96.7	286.9	2.81	99.6	0.0	0.4
Cameo	218.6	121.0	26.52	0.45	0.0	0.0	0.0	0.0	344.6	231.1	2.26	93.4	0.0	6.6
Cherokee	1418.1	88.7	19.47	0.44	0.0	0.0	0.0	0.0	12537.6	284.4	2.79	71.7	0.0	28.3
Comanche	2987.9	85.3	14.50	0.34	12.4	636.6	37.49	0.16	14.9	277.3	2.77	99.8	0.1	0.0
Fruita (GT)	0.0	0.0	0.0	0.0	0.7	731.6	41.79	0.04	543.5	195.4	2.07	0.0	0.7	99.3
Valmont	372.7	103.2	22.35	0.53	21.9	703.9	40.18	0.20	3342.3	250.0	2.44	70.5	1.1	28.4
Zuni	0.0	0.0	0.0	0.0	164.6	435.9	27.37	0.81	7552.0	282.9	2.77	0.0	12.2	87.8
Ft Lupton (GT)	0.0	0.0	0.0	0.0	60.7	659.2	37.61	0.23	2407.8	244.5	2.55	0.0	12.1	87.9
Company Totals	**5992.8**	**91.6**	**17.80**	**0.41**	**329.9**	**518.5**	**31.40**	**0.56**	**28456.7**	**268.3**	**2.65**	**79.4**	**1.4**	**19.2**
Idaho														
Idaho Power Co														
Wood River (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.6	375.9	3.90	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**47.6**	**375.9**	**3.90**	**0.0**	**0.0**	**100.0**
Montana														
Montana-Dakota Utilities														
Glendive	0.0	0.0	0.0	0.0	11.1	501.0	27.77	0.30	0.0	0.0	0.0	0.0	100.0	0.0
Lewis and Clark	292.8	96.9	12.80	0.47	0.0	0.0	0.0	0.0	7.8	192.6	1.88	99.8	0.0	0.2
Company Totals	**292.8**	**96.9**	**12.80**	**0.47**	**11.1**	**501.0**	**27.77**	**0.30**	**7.8**	**192.6**	**1.88**	**98.2**	**1.6**	**0.2**
The Montana Power Co														
Bird	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3617.0	434.1	4.50	0.0	0.0	100.0
Corette	529.0	64.2	11.13	0.80	0.0	0.0	0.0	0.0	457.0	52.9	0.61	94.6	0.0	5.4
Colstrip No.1	2542.0	35.6	6.19	0.78	41.0	474.1	18.28	0.0	0.0	0.0	0.0	99.6	0.4	0.0
Company Totals	**3071.0**	**40.6**	**7.04**	**0.78**	**41.0**	**474.1**	**18.28**	**0.0**	**4074.0**	**387.4**	**4.06**	**92.3**	**0.3**	**7.4**
Nevada														
Nevada Power														
Clark	0.0	0.0	0.0	0.0	52.2	528.9	32.45	0.45	13165.9	237.3	2.55	0.0	2.2	97.8
Gardner	942.2	155.2	35.71	0.53	11.0	581.8	33.72	0.13	0.0	0.0	0.0	99.7	0.3	0.0
Sunrise	0.0	0.0	0.0	0.0	6.5	532.7	31.65	0.27	5757.5	237.6	2.56	0.0	0.6	99.4
Company Totals	**942.2**	**155.2**	**35.71**	**0.53**	**69.7**	**537.2**	**32.58**	**0.38**	**18923.4**	**237.4**	**2.55**	**51.1**	**1.0**	**47.9**
Sierra Pacific Power														
Fort Churchill	0.0	0.0	0.0	0.0	1481.1	358.6	22.20	0.72	3492.4	351.7	3.70	0.0	71.4	28.6
Tracy	0.0	0.0	0.0	0.0	1009.6	356.3	22.27	0.74	1340.7	357.3	3.77	0.0	81.7	18.3
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**2490.7**	**357.7**	**22.23**	**0.73**	**4833.1**	**353.3**	**3.72**	**0.0**	**75.3**	**24.7**
Southern California Edison														
Mohave	3573.0	91.0	19.87	0.55	0.0	0.0	0.0	0.0	3363.0	248.9	2.68	95.6	0.0	4.4
Company Totals	**3573.0**	**91.0**	**19.87**	**0.55**	**0.0**	**0.0**	**0.0**	**0.0**	**3363.0**	**248.9**	**2.68**	**95.6**	**0.0**	**4.4**
New Mexico														
Arizona Public Service														
Four Corners	8315.8	43.0	7.48	0.70	0.0	0.0	0.0	0.0	743.2	242.5	2.62	99.4	0.0	0.6
Company Totals	**8315.8**	**43.0**	**7.48**	**0.70**	**0.0**	**0.0**	**0.0**	**0.0**	**743.2**	**242.5**	**2.62**	**99.4**	**0.0**	**0.6**
Community Pub Serv-New Mexico														
Lordsburg	0.0	0.0	0.0	0.0	88.0	382.9	23.32	1.00	1303.0	235.6	2.50	0.0	28.0	72.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**88.0**	**382.9**	**23.32**	**1.00**	**1303.0**	**235.6**	**2.50**	**0.0**	**28.0**	**72.0**
Farmington Electric Utilities														
Animas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1217.2	171.1	1.83	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**1217.2**	**171.1**	**1.83**	**0.0**	**0.0**	**100.0**
Lea County Electric Coop														
Lovington	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2359.7	247.4	2.74	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**2359.7**	**247.4**	**2.74**	**0.0**	**0.0**	**100.0**

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
Mountain Region —Cont.														
New Mexico —Cont.														
New Mexico Electric Service														
Maddox	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7811.0	266.0	2.70	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**7811.0**	**266.0**	**2.70**	**0.0**	**0.0**	**100.0**
Plains Elec Gen and Trans Coop														
Algodones	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	886.6	222.2	1.93	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**886.6**	**222.2**	**1.93**	**0.0**	**0.0**	**100.0**
Public Service Co of New Mexico														
Person	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3488.3	247.0	2.53	0.0	0.0	100.0
Prager	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	209.6	2.14	0.0	0.0	100.0
Reeves	0.0	0.0	0.0	0.0	2.6	464.1	27.79	0.23	6389.9	243.7	2.50	0.0	0.2	99.8
San Juan	3306.7	86.6	15.92	0.79	170.6	546.7	31.85	0.15	0.0	0.0	0.0	98.4	1.6	0.0
Company Totals	**3306.7**	**86.6**	**15.92**	**0.79**	**173.2**	**545.4**	**31.79**	**0.15**	**9884.1**	**244.8**	**2.51**	**84.5**	**1.4**	**14.1**
Southwestern Public Service														
Carlsbad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1982.0	246.2	2.59	0.0	0.0	100.0
Cunningham	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16659.0	247.0	2.52	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**18641.0**	**246.9**	**2.53**	**0.0**	**0.0**	**100.0**
Utah														
Utah Power and Light														
Carbon	395.0	114.4	26.82	0.56	2.0	642.7	37.79	0.30	0.0	0.0	0.0	99.9	0.1	0.0
Gadsby	467.0	132.4	31.14	0.51	78.0	421.0	26.09	0.38	3173.0	201.8	1.94	75.7	3.3	21.0
Hale	81.0	132.0	30.65	0.58	0.0	0.0	0.0	0.0	872.0	193.6	1.82	69.7	0.0	30.3
Emery-Hunter	2009.0	121.1	27.21	0.54	33.0	632.5	37.19	0.30	0.0	0.0	0.0	99.6	0.4	0.0
Huntington	2246.0	102.7	23.67	0.45	27.0	631.9	37.16	0.30	0.0	0.0	0.0	99.7	0.3	0.0
Company Totals	**5198.0**	**113.8**	**26.06**	**0.50**	**140.0**	**512.0**	**31.01**	**0.34**	**4045.0**	**200.0**	**1.91**	**96.2**	**0.7**	**3.1**
Wyoming														
Basin Electric Power Coop														
Laramie River	357.0	69.6	11.66	0.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**357.0**	**69.6**	**11.66**	**0.36**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Black Hills Power and Light														
Neil Simpson	121.7	35.4	5.62	0.49	2.0	739.6	41.94	0.31	0.0	0.0	0.0	99.4	0.6	0.0
Osage	209.4	54.3	8.62	0.46	0.1	793.3	44.98	0.31	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**331.0**	**47.4**	**7.52**	**0.47**	**2.1**	**741.1**	**42.02**	**0.31**	**0.0**	**0.0**	**0.0**	**99.8**	**0.2**	**0.0**
Pacific Power and Light														
Johnston	3804.0	52.0	8.04	0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Wyodak	1873.0	33.8	5.33	0.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Jim Bridger	5839.0	56.8	10.79	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**11516.0**	**52.0**	**8.99**	**0.51**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Utah Power and Light														
Naughton	2350.0	77.3	14.95	0.87	12.0	690.9	40.63	0.30	58.0	460.9	3.90	99.7	0.2	0.1
Company Totals	**2350.0**	**77.3**	**14.95**	**0.87**	**12.0**	**690.9**	**40.63**	**0.30**	**58.0**	**460.9**	**3.90**	**99.7**	**0.2**	**0.1**
Pacific Region														
Alaska														
Chugach Electric Association														
Beluga	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16940.0	24.0	0.24	0.0	0.0	100.0
Bernice Lake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2397.0	102.8	1.03	0.0	0.0	100.0
International Stat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	783.0	102.4	1.03	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**20120.0**	**36.4**	**0.37**	**0.0**	**0.0**	**100.0**
California														
Burbank Public Service Dept														
Magnolia-Olive	0.0	0.0	0.0	0.0	282.0	649.7	39.88	0.24	4902.0	335.0	3.53	0.0	25.1	74.9
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**282.0**	**649.7**	**39.88**	**0.24**	**4902.0**	**335.0**	**3.53**	**0.0**	**25.1**	**74.9**
Glendale Public Service Dept														
Glendale	0.0	0.0	0.0	0.0	226.0	668.7	40.56	0.22	4952.8	332.7	3.51	0.0	20.8	79.2
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**226.0**	**668.7**	**40.56**	**0.22**	**4952.8**	**332.7**	**3.51**	**0.0**	**20.8**	**79.2**
Imperial Irrigation District														
Brawley (GT)	0.0	0.0	0.0	0.0	0.8	603.3	35.73	0.39	0.0	0.0	0.0	0.0	100.0	0.0
El Centro	0.0	0.0	0.0	0.0	247.2	356.7	22.62	0.66	2776.4	338.0	3.53	0.0	35.1	64.9
Coachella (GT)	0.0	0.0	0.0	0.0	0.9	629.4	37.27	0.39	193.9	343.9	3.59	0.0	2.6	97.4
Rockwood	0.0	0.0	0.0	0.0	3.7	602.5	35.68	0.39	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**252.6**	**361.7**	**22.91**	**0.65**	**2970.3**	**338.4**	**3.53**	**0.0**	**34.0**	**66.0**
Los Angeles Dept of Wtr and Pwr														
Harbor	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1756.0	346.7	3.63	0.0	0.0	100.0
Haynes	0.0	0.0	0.0	0.0	7754.0	527.9	32.23	0.22	17983.0	339.7	3.55	0.0	71.6	28.4
Scattergood	0.0	0.0	0.0	0.0	318.0	479.5	29.04	0.18	23473.0	335.2	3.53	0.0	7.2	92.8
Valley	0.0	0.0	0.0	0.0	1191.0	492.5	29.89	0.23	5100.0	342.4	3.61	0.0	57.4	42.6
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**9263.0**	**521.7**	**31.82**	**0.22**	**48312.0**	**338.0**	**3.55**	**0.0**	**52.7**	**47.3**
Pacific Gas and Electric														
Avon	0.0	0.0	0.0	0.0	66.3	526.9	32.80	0.55	4397.8	428.1	4.64	0.0	8.0	92.0
Contra Costa	0.0	0.0	0.0	0.0	75.5	509.8	31.74	0.44	38297.3	388.2	4.03	0.0	1.2	98.8
Humboldt Bay	0.0	0.0	0.0	0.0	269.8	380.5	23.86	1.33	3721.0	377.7	3.87	0.0	30.8	69.2
Hunters Point	0.0	0.0	0.0	0.0	1027.2	503.5	31.41	0.41	15372.8	375.7	3.94	0.0	28.4	71.6
Kern	0.0	0.0	0.0	0.0	331.4	349.5	22.08	1.32	5741.4	385.5	4.17	0.0	25.2	74.8
Martinez	0.0	0.0	0.0	0.0	316.1	435.4	28.20	0.79	3539.1	431.0	4.46	0.0	35.8	64.2
Morro Bay	0.0	0.0	0.0	0.0	3345.5	502.2	31.13	0.44	24442.3	382.3	4.14	0.0	43.9	56.1

Table 56. Receipts of Fossil-Fuel Quantity, Cost, and Quality by Census Region, State, Company, and Plant, 1980 —Cont.

Census Region / State / Company / Plant	Coal Quantity/ 1000 tons	Coal C/MM Btu	Coal $/ ton	Coal % Avg. Sulfur	Oil Quantity/ 1000 bbls	Oil C/MM Btu	Oil $/ bbl	Oil % Avg. Sulfur	Gas Quantity/ 1000 Mcf	Gas C/MM Btu	Gas $/ Mcf	% of Total Btu Coal	% of Total Btu Oil	% of Total Btu Gas
Pacific Region —Cont.														
California —Cont.														
Pacific Gas and Electric —Cont.														
Moss Landing	0.0	0.0	0.0	0.0	5493.4	493.7	30.60	0.45	57826.4	375.7	4.06	0.0	35.2	64.8
Oleum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5655.5	431.3	4.64	0.0	0.0	100.0
Pittsburg	0.0	0.0	0.0	0.0	10468.5	506.2	31.43	0.46	45571.1	374.4	3.88	0.0	57.9	42.1
Potrero	0.0	0.0	0.0	0.0	860.7	529 8	31.69	0.28	8316.6	389.3	4.08	0.0	37.2	62.8
Oakland	0.0	0.0	0.0	0.0	183.4	609.7	35.03	0.07	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**22437.8**	**499.2**	**30.95**	**0.47**	**212881.2**	**382.8**	**4.05**	**0.0**	**38.2**	**61.8**
Pasadena Water and Power Dept														
Broadway	0.0	0.0	0.0	0.0	158.5	511.0	31.63	0.25	3429.9	339.2	3.55	0.0	21.5	78.5
Glenarm	0.0	0.0	0.0	0.0	11.1	648.0	34.21	0.20	1398.0	317.0	3.33	0.0	3.8	96.2
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**169.6**	**518.7**	**31.80**	**0.25**	**4827.9**	**332.8**	**3.49**	**0.0**	**17.0**	**83.0**
San Diego Gas and Electric														
Encina	0.0	0.0	0.0	0.0	6950.0	506.1	31.59	0.41	12571.0	315.7	3.30	0.0	76.7	23.3
Kearny (GT)	0.0	0.0	0.0	0.0	1.0	468.5	27.16	0.29	427.0	329.7	3.45	0.0	1.3	98.7
Miramar (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	209.0	327.4	3.42	0.0	0.0	100.0
Navel Station	0.0	0.0	0.0	0.0	1.0	412.2	23.90	0.27	2309.0	322.3	3.36	0.0	0.2	99.8
N Island (GT)	0.0	0.0	0.0	0.0	40.0	433.7	25.04	0.28	0.0	0.0	0.0	0.0	100.0	0.0
Silver Gate	0.0	0.0	0.0	0.0	5.0	394.8	23.35	0.19	3838.0	332.1	3.47	0.0	0.7	99.3
South Bay	0.0	0.0	0.0	0.0	2260.0	532.5	33.14	0.42	18289.0	317.9	3.32	0.0	42.4	57.6
Station B	0.0	0.0	0.0	0.0	2.0	581.4	34.34	0.13	619.0	330.1	3.45	0.0	1.8	98.2
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**9259.0**	**512.2**	**31.93**	**0.41**	**38262.0**	**319.3**	**3.34**	**0.0**	**59.1**	**40.9**
Southern California Edison														
Alamitos	0.0	0.0	0.0	0.0	9147.0	480.6	29.32	0.25	32073.0	337.5	3.53	0.0	62.5	37.5
Cool Water	0.0	0.0	0.0	0.0	1443.0	559.9	29.06	0.11	8101.0	404.7	4.38	0.0	46.1	53.9
El Segundo	0.0	0.0	0.0	0.0	3489.0	518.6	31.64	0.25	21607.0	334.0	3.53	0.0	48.3	51.7
Etiwanda	0.0	0.0	0.0	0.0	3485.0	468.8	28.60	0.25	24226.0	336.5	3.52	0.0	45.6	54.4
Highgrove	0.0	0.0	0.0	0.0	121.0	554.6	33.83	0.25	287.0	338.4	3.53	0.0	71.1	28.9
Huntington Beach	0.0	0.0	0.0	0.0	2305.0	478.8	29.20	0.25	21538.0	332.5	3.48	0.0	38.4	61.6
Long Beach	0.0	0.0	0.0	0.0	579.0	567.9	29.62	0.12	5527.0	338.1	3.53	0.0	34.3	65.7
Mandalay	0.0	0.0	0.0	0.0	2340.0	527.0	32.14	0.25	6984.0	250.4	2.59	0.0	66.4	33.6
Ormond Beach	0.0	0.0	0.0	0.0	8458.0	524.7	32.01	0.25	12082.0	333.8	3.61	0.0	79.8	20.2
Redondo	0.0	0.0	0.0	0.0	761.0	443.2	27.04	0.25	53728.0	321.0	3.33	0.0	7.7	92.3
San Bernardino	0.0	0.0	0.0	0.0	142.0	448.9	27.39	0.25	6290.0	327.1	3.41	0.0	11.7	88.3
Ellwood (GT)	0.0	0.0	0.0	0.0	16.0	754.0	42.64	0.0	16.0	345.6	3.73	0.0	84.0	16.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**32286.0**	**502.2**	**30.35**	**0.24**	**192459.0**	**331.1**	**3.47**	**0.0**	**49.2**	**50.8**
Hawaii														
Hawaiian Electric														
Honolulu	0.0	0.0	0.0	0.0	626.1	523.7	32.31	0.48	0.0	0.0	0.0	0.0	100.0	0.0
Kahe	0.0	0.0	0.0	0.0	4653.5	372.6	23.76	1.65	0.0	0.0	0.0	0.0	100.0	0.0
Waiau	0.0	0.0	0.0	0.0	3885.4	353.4	21.88	0.50	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**9165.0**	**374.7**	**23.54**	**1.08**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
Hawaii Electric Light Co														
Hill	0.0	0.0	0.0	0.0	553.9	380.8	24.02	1.64	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**553.9**	**380.8**	**24.02**	**1.64**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
Maui Electric														
Kahului	0.0	0.0	0.0	0.0	461.9	369.2	23.35	1.41	0.0	0.0	0.0	0.0	100.0	0.0
Maalaea	0.0	0.0	0.0	0.0	351.6	574.4	33.84	0.74	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**813.5**	**454.4**	**27.88**	**1.12**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
Oregon														
Pacific Power and Light														
Lincoln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	916.6	417.9	4.38	0.0	0.0	100.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**916.6**	**417.9**	**4.38**	**0.0**	**0.0**	**100.0**
Portland General Electric														
Bethel (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	299.7	487.0	5.12	0.0	0.0	100.0
Harborton (GT)	0.0	0.0	0.0	0.0	72.7	666.3	38.34	0.30	0.0	0.0	0.0	0.0	100.0	0.0
Boardman	1070.5	141.2	23.15	0.35	66.6	633.2	36.43	0.12	0.0	0.0	0.0	97.9	2.1	0.0
Beaver (GT)	0.0	0.0	0.0	0.0	226.4	653.9	37.63	0.30	1488.1	422.6	4.04	0.0	47.8	52.2
Company Totals	**1070.5**	**141.2**	**23.15**	**0.35**	**365.7**	**652.6**	**37.55**	**0.27**	**1787.8**	**434.3**	**4.22**	**82.0**	**9.8**	**8.1**
Washington														
Pacific Power and Light														
Centralia	4800.0	96.2	15.58	0.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Company Totals	**4800.0**	**96.2**	**15.58**	**0.81**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**	**0.0**
Puget Sound Power and Light														
S Whidbey (GT)	0.0	0.0	0.0	0.0	0.1	604.3	35.33	0.28	0.0	0.0	0.0	0.0	100.0	0.0
Shuffleton	0.0	0.0	0.0	0.0	242.7	353.5	22.47	1.63	0.0	0.0	0.0	0.0	100.0	0.0
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**242.8**	**353.6**	**22.48**	**1.63**	**0.0**	**0.0**	**0.0**	**0.0**	**100.0**	**0.0**
Washington Water Power Co														
Othello (GT)	0.0	0.0	0.0	0.0	0.0	664.1	36.54	0.0	0.0	0.0	0.0	0.0	100.0	0.0
Northeast	0.0	0.0	0.0	0.0	0.1	664.1	36.54	0.0	150.9	343.3	3.54	0.0	0.5	99.5
Company Totals	**0.0**	**0.0**	**0.0**	**0.0**	**0.2**	**664.1**	**36.54**	**0.0**	**150.9**	**343.3**	**3.54**	**0.0**	**0.6**	**99.4**
Contiguous U. S.	**594285.0**	**135.1**	**28.77**	**1.60**	**419304.2**	**435.1**	**26.96**	**1.03**	**3588814.0**	**219.9**	**2.27**	**66.7**	**13.7**	**19.6**

Note: Due to computer rounding any quantity less than 50 tons, 50 barrels, or 50 cubic feet will show as 0.0.
Coal: Includes Bituminous, Subbituminous, Lignite, Anthracite and small quantities of Petroleum Coke.
Oil: Includes FO2, FO4, FO6, Crude, Jet-Fuel, Kerosene, Re-refined Motor Oil, Liquefied Petroleum Gas (LPG), and oil delivered to plants in Hawaii (Tables 1 thru 28 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.
Source: •Federal Power Commission Form 423.

8. Profile of Fuel Receipts to Electric Utilities,1977-1980

Included in this chapter 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.

This chapter 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.

Note: explanation of column headings and the various commodities which were included in these headings are presented at the end of Table 57.

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
Alabama Electric Coop Inc															
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
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
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
1980	815	100.0	11600	1.63	12.3	0.0	40.62	40.62	0	0.0	0	0.0	0.0	0.0	0.0
Alabama Power Co (SC)															
1977	12670[1]	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
1978	11107	64.2	11967	1.44	13.2	33.93	31.41	32.31	4[1]	100.0	140052	0.2	0.0	16.05	16.05
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
1980	13368	75.6	11995	1.43	12.9	34.63	40.40	38.99	0	0.0	0	0.0	0.0	0.0	0.0
Alexandria, City of															
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
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
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
1980	0	0.0	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															
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
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
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
1980	111	100.0	9845	2.12	11.7	0.0	34.35	34.35	0	0.0	0	0.0	0.0	0.0	0.0
Arizona Electric Power Coop Inc															
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
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
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
1980	1020	23.0	9703	0.45	15.3	36.84	37.33	36.95	13	0.0	145000	0.4	23.87	0.0	23.87
Arizona Public Service															
1977	7946	100.0	8868	0.64	20.8	0.0	5.64	5.64	1736[1]	92.1	147663	0.5	15.22	14.79	14.83
1978	7346	100.0	8996	0.60	20.2	0.0	8.16	8.16	511	100.0	148500	0.6	0.0	13.97	13.97
1979	7809	100.0	9019	0.64	20.1	0.0	9.07	9.07	1700	17.8	149791	0.7	18.89	19.55	19.01
1980	10585	100.0	9003	0.65	20.4	0.0	10.21	10.21	401	34.5	149614	0.7	24.46	28.14	25.73
Arkansas Electric Coop															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2106	0.0	151109	2.8	12.00	0.0	12.00
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2010	0.0	150791	2.6	11.67	0.0	11.67
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1092	0.0	149915	2.6	15.40	0.0	15.40
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	417	0.0	150177	2.7	20.11	0.0	20.11
Arkansas-Missouri Power															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	123	100.0	149511	0.8	0.0	13.38	13.38
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	232	100.0	149685	1.0	0.0	13.68	13.68
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	53	100.0	149673	1.0	0.0	16.83	16.83
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	100.0	149140	1.3	0.0	23.03	23.03
Arkansas Power and Light (MSU)															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	11015	100.0	149136	0.9	0.0	12.67	12.67
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	10580	100.0	149122	0.9	0.0	12.15	12.15
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6278	100.0	150154	1.0	0.0	15.83	15.83
1980	1594	100.0	8599	0.43	6.8	0.0	25.94	25.94	2708	100.0	149585	1.2	0.0	21.16	21.16
Associated Elec Coop-Missouri															
1977	3977[1]	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
1978	3955[1]	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
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
1980	4883	99.9	10438	3.69	12.2	15.00	26.16	26.16	0	0.0	0	0.0	0.0	0.0	0.0
Deepwater Operating Co (ACE)															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1760	100.0	147188	1.3	0.0	13.19	13.19
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1824	94.3	148177	1.4	12.03	12.37	12.35
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1210	100.0	148092	1.2	0.0	18.42	18.42
1980	52	0.0	13409	0.75	5.2	63.15	0.0	63.15	849	100.0	147514	0.9	0.0	25.96	25.96
City of Austin Electric Dept															
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
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0[1]	0.0	147500	1.0	16.24	0.0	16.24
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Austin Utilities															
1977	61	96.3	12149	1.91	8.4	33.19	32.31	32.34	106[1]	43.4	149021	1.8	12.95	13.19	13.06
1978	41[1]	65.2	12581	1.88	7.7	35.69	37.33	36.76	146[1]	5.9	148394	1.8	12.73	12.96	12.74
1979	50[1]	1.9	12583	1.88	8.6	40.36	39.64	40.34	60[1]	0.0	147156	1.6	14.39	0.0	14.39
1980	22	0.0	12444	1.85	7.8	47.37	0.0	47.37	3[1]	0.0	136118	0.4	12.29	0.0	12.29
Baltimore Gas and Electric															
1977	594	100.0	13208	0.86	8.3	0.0	49.80	49.80	8405	100.0	145695	0.9	0.0	13.69	13.69
1978	342	100.0	13157	0.88	8.5	0.0	52.22	52.22	10671	100.0	145272	0.9	0.0	12.90	12.90
1979	545	100.0	12621	0.87	10.2	0.0	46.42	46.42	7637	100.0	147089	0.9	0.0	19.81	19.81
1980	815	82.2	12875	1.11	9.0	40.98	47.41	46.26	4914	100.0	148485	0.9	0.0	27.32	27.32
Bangor Hydro															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	7	0.0	149124	2.1	12.71	0.0	12.71
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6	0.0	148593	2.2	12.70	0.0	12.70
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	100	0.0	148745	2.1	16.12	0.0	16.12
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	174	0.0	148770	2.1	24.71	0.0	24.71

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
Basin Electric Power Coop															
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
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
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
1980	4146	49.9	6791	0.66	12.5	6.96	8.23	7.60	0	0.0	0	0.0	0.0	0.0	0.0
Big Rivers Rural Electric Coop															
1977	2988[1]	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
1978	2724[1]	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
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
1980	3866	86.9	11003	2.80	12.3	24.97	25.55	25.47	0	0.0	0	0.0	0.0	0.0	0.0
Black Hills Power and Light															
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
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
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
1980	554	100.0	7938	0.47	6.8	0.0	9.91	9.91	0	0.0	0	0.0	0.0	0.0	0.0
Boston Edison															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	14984	96.0	146469	1.0	11.65	13.51	13.43
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	14598	91.1	146473	0.9	11.62	12.66	12.57
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	14065	90.4	147734	0.9	21.23	19.77	19.91
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	14731	89.2	148586	0.9	22.52	26.42	26.00
Brazos Electric Power 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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Brownsville Public Utilities Bd															
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
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
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
1980	0	0.0	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															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	22[1]	27.4	141000	0.2	13.44	11.87	13.01
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	19[1]	14.6	141000	0.1	11.87	15.23	12.36
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	38[1]	0.0	143612	0.3	17.97	0.0	17.97
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6[1]	0.0	143599	0.0	20.58	0.0	20.58
Cardinal Operating Co (AEP)															
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
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
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
1980	3915	79.5	11673	1.81	13.6	31.09	32.80	32.45	0	0.0	0	0.0	0.0	0.0	0.0
Burbank Public Service Dept															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	993	100.0	146556	0.3	0.0	15.70	15.70
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	482	100.0	147179	0.2	0.0	15.89	15.89
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	828	100.0	147084	0.2	0.0	21.51	21.51
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	282	100.0	146134	0.2	0.0	39.88	39.88
Burlington Electric Department															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Cajun Electric Power 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
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
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
1980	2068	100.0	8019	0.44	5.9	0.0	31.36	31.36	0	0.0	0	0.0	0.0	0.0	0.0
Cambridge Electric Lt Co (NEGA)															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	359	100.0	145926	0.4	0.0	14.41	14.41
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	376	100.0	145115	0.4	0.0	13.67	13.67
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	297	90.6	145772	0.4	13.00	19.42	18.81
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	253	100.0	145573	0.4	0.0	31.81	31.81
The Canal Electric Co															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	10045	100.0	146501	1.0	0.0	12.98	12.98
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	10050	94.2	148570	2.1	12.18	11.20	11.26
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9768	97.2	149011	2.1	11.93	16.95	16.81
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9639	94.8	149729	2.1	20.41	22.81	22.68
Carolina Power and Light															
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
1978	6139[1]	67.6	12084	0.96	13.1	34.04	29.94	31.27	593	0.0	148000	2.1	11.87	0.0	11.87
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
1980	9098	84.4	12366	0.92	11.4	36.54	38.81	38.46	0	0.0	0	0.0	0.0	0.0	0.0
Cedar Falls Utilities															
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
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
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
1980	25	100.0	12102	2.24	8.4	0.0	42.08	42.08	0	0.0	0	0.0	0.0	0.0	0.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
Central Elec Power Coop-Missouri															
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
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
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
1980	147	0.0	10696	3.61	12.2	29.14	0.0	29.14	0	0.0	0	0.0	0.0	0.0	0.0
Central Hudson Gas and Electric															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	12629	100.0	146813	1.6	0.0	12.80	12.80
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	13580	100.0	147919	1.7	0.0	12.02	12.02
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	12027	100.0	148195	1.7	0.0	16.31	16.31
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	11181	100.0	148354	1.6	0.0	23.17	23.17
Central Illinois Light															
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
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
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
1980	2355	97.9	10712	1.92	8.9	44.58	36.55	36.72	0	0.0	0	0.0	0.0	0.0	0.0
Central Illinois Public Service															
1977	3869	72.6	10214	3.19	14.5	22.29	18.20	19.32	364	100.0	151346	0.5	0.0	12.70	12.70
1978	5077	38.7	10453	2.74	13.5	31.06	19.98	26.78	584	100.0	149360	0.5	0.0	13.74	13.74
1979	5449	58.5	10480	3.16	13.0	29.46	22.89	25.61	349	100.0	150220	0.5	0.0	18.55	18.55
1980	5228	87.9	10536	3.13	14.1	25.37	28.12	27.79	60	100.0	150479	0.7	0.0	26.65	26.65
The Central Kansas Power Co															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	46	0.0	150000	0.8	12.45	0.0	12.45
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	45	0.0	150000	0.8	11.93	0.0	11.93
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	37	0.0	150000	0.8	14.69	0.0	14.69
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Central Louisiana Electric															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	561[1]	0.0	146617	0.4	12.61	0.0	12.61
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	240	0.0	145786	0.7	26.00	0.0	26.00
Central Maine Power															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1258	28.5	148520	2.2	12.74	12.89	12.79
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1766	20.7	148050	1.5	12.58	13.77	12.83
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2415	96.3	148694	1.3	15.46	18.01	17.91
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3271	94.7	148702	1.2	24.48	27.68	27.51
Central Neb Pub Pwr and Ir Dept															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	220	100.0	150000	0.8	0.0	11.10	11.10
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	284	100.0	150000	1.1	0.0	10.60	10.60
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	193	100.0	150000	1.1	0.0	14.22	14.22
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	63	100.0	150000	1.1	0.0	20.85	20.85
Central Power and Light (CSW)															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	167[1]	2.2	140000	0.2	9.68	9.82	9.68
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2219[1]	19.1	148099	0.5	12.23	11.16	12.02
1979	75	44.3	10890	0.44	10.2	38.22	39.42	38.75	34[1]	0.0	147900	0.7	14.29	0.0	14.29
1980	983	100.0	10555	0.36	6.5	0.0	43.88	43.88	0	0.0	0	0.0	0.0	0.0	0.0
Central Tele and Util Corp-Col															
1977	124	100.0	10223	0.70	16.9	0.0	13.67	13.67	0	0.0	0	0.0	0.0	0.0	0.0
1978	137	100.0	9958	0.57	19.0	0.0	13.56	13.56	0	0.0	0	0.0	0.0	0.0	0.0
1979	182	100.0	9709	0.50	20.0	0.0	15.15	15.15	0	0.0	0	0.0	0.0	0.0	0.0
1980	190	100.0	10286	0.50	20.0	0.0	19.01	19.01	0	0.0	0	0.0	0.0	0.0	0.0
Central Tele and Util Corp-Kan															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	595[1]	100.0	146117	0.5	0.0	13.94	13.94
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	619[1]	100.0	145034	0.7	0.0	13.39	13.39
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	297[1]	100.0	145000	0.7	0.0	15.20	15.20
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	43[1]	100.0	145000	0.7	0.0	27.85	27.85
Central Vt Public Service Corp															
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Chugach Electric Association															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Cincinnati Gas and Electric Co															
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
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
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
1980	5812	83.8	11335	1.73	15.3	29.55	32.05	31.64	0	0.0	0	0.0	0.0	0.0	0.0
Cleveland Electric Illum Co															
1977	8027	55.6	11630	3.36	13.5	24.25	28.00	26.34	1605	0.0	150017	1.3	15.14	0.0	15.14
1978	5524	67.6	11808	3.18	12.5	29.31	31.27	30.64	1844	0.0	150708	1.3	15.46	0.0	15.46
1979	6550	88.5	12040	2.88	11.6	41.04	34.12	34.91	1416	0.0	151441	1.4	18.81	0.0	18.81
1980	5972	95.9	12257	2.90	10.5	38.42	37.93	37.95	380	0.0	151916	1.5	24.54	0.0	24.54
Cleveland, City of															
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

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Coffeyville Muni Lt and Wtr Dept															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	18[1]	0.0	148000	0.7	12.27	0.0	12.27
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	16[1]	0.0	146730	0.7	9.79	0.0	9.79
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9	0.0	148000	0.7	15.55	0.0	15.55
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Colorado Springs Dept Pub Utils															
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
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
1979	1234	100.0	10507	0.47	7.9	0.0	22.66	22.66	13	0.0	146648	0.4	22.50	0.0	22.50
1980	1306	85.6	10528	0.47	8.6	21.93	25.09	24.64	0	0.0	0	0.0	0.0	0.0	0.0
Colorado-Ute Electric Assn															
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
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
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
1980	3717	100.0	10246	0.47	9.0	0.0	13.27	13.27	0	0.0	0	0.0	0.0	0.0	0.0
Columbia Water and Light															
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
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
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
1980	81	100.0	11041	3.93	11.7	0.0	29.68	29.68	0	0.0	0	0.0	0.0	0.0	0.0
Columbus and Southern Ohio Elec															
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
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
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
1980	4846	85.8	11261	4.48	12.8	26.30	26.63	26.58	0	0.0	0	0.0	0.0	0.0	0.0
Columbus Div of Electricity															
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
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
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
Commonwealth Edison															
1977	14881	100.0	9878	1.74	8.0	0.0	20.27	20.27	6891	100.0	148019	0.7	0.0	15.68	15.68
1978	14242	99.7	9791	1.55	8.0	22.82	24.67	24.67	9928	90.0	147144	0.6	15.86	16.15	16.12
1979	15937	100.0	9633	1.08	6.8	0.0	32.14	32.14	11248	100.0	147649	0.6	0.0	24.09	24.09
1980	16845	100.0	9635	1.03	7.6	0.0	36.67	36.67	12520	100.0	147740	0.6	0.0	35.02	35.02
Community Pub Serv-New Mexico															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	209[1]	100.0	145000	1.0	0.0	15.22	15.22
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	82[1]	100.0	145000	1.0	0.0	15.58	15.58
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	82[1]	100.0	145000	1.0	0.0	16.34	16.34
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	88[1]	100.0	145000	1.0	0.0	23.32	23.32
Connecticut Lt and Pwr Co(NU)															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6901	100.0	146967	0.4	0.0	13.75	13.75
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6988	100.0	147175	0.4	0.0	13.26	13.26
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6243	100.0	146769	0.4	5.77	21.11	21.11
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	8069	100.0	146865	0.4	0.0	28.59	28.59
Consolidated Edison Co of NY															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	30751	84.6	144993	0.2	13.93	14.33	14.27
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	29227	86.0	145211	0.2	12.67	13.29	13.20
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	18142	89.3	145801	0.2	16.43	21.10	20.60
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	16765	100.0	146295	0.4	0.0	30.19	30.19
Consumers Power															
1977	5251	82.2	11602	2.45	11.6	26.85	25.21	25.50	6432[1]	86.2	140300	0.5	14.44	15.75	15.57
1978	5346	71.1	11560	2.46	11.9	30.54	29.06	29.49	11077[1]	94.2	143925	0.6	14.21	15.87	15.78
1979	6393	75.2	11727	2.11	11.2	32.31	32.82	32.69	7837	96.1	144802	0.6	16.84	19.22	19.12
1980	5721	67.8	12013	1.57	9.9	36.61	40.95	39.55	5827	94.2	143325	0.6	22.11	25.45	25.26
Cooperative Power Association															
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
1980	3013	100.0	6349	0.62	8.6	0.0	9.23	9.23	0	0.0	0	0.0	0.0	0.0	0.0
Corn Belt Power Coop															
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
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
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
1980	2	0.0	12235	3.42	11.8	41.72	0.0	41.72	0	0.0	0	0.0	0.0	0.0	0.0
Crawfordsville Elec Lt and Pwr															
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
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
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
Dairyland Power Cooperative															
1977	1360[1]	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
1978	1831[1]	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
1979	1769[1]	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
1980	2119	100.0	9251	1.60	8.4	0.0	25.90	25.90	0	0.0	0	0.0	0.0	0.0	0.0
Dallas Pwr and Lt (Texas Utils)															

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	97[1]	100.0	146511	0.2	0.0	11.04	11.04
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	48[1]	100.0	148142	0.1	0.0	10.69	10.69
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	128[1]	100.0	148142	0.3	0.0	17.37	17.37
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	64[1]	100.0	148142	0.5	0.0	31.68	31.68
Danville Water Gas and Electric															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
The Dayton Power and Light Co															
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
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
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
1980	7214	68.7	11610	1.03	14.4	30.95	38.91	36.42	0	0.0	0	0.0	0.0	0.0	0.0
Delmarva Power and Light															
1977	713[1]	45.4	12115	2.00	13.3	27.22	25.92	26.63	7233	52.9	146590	1.0	13.57	13.28	13.42
1978	814[1]	31.3	12368	1.78	11.7	31.74	33.88	32.41	7855	90.6	147826	1.0	12.06	12.67	12.61
1979	1046[1]	46.1	12432	1.83	11.9	34.26	36.14	35.13	7430	97.8	147887	1.0	21.42	20.00	20.03
1980	1103[1]	52.8	12495	1.64	11.6	37.98	46.33	42.39	5999	94.3	149236	1.0	25.11	26.86	26.76
Denton, City of															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Detroit Public Lighting Comm															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1112	100.0	148462	0.9	0.0	15.16	15.16
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	997	100.0	150361	1.0	0.0	14.39	14.39
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	856	100.0	148283	0.9	0.0	19.01	19.01
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	466	100.0	153260	0.9	0.0	23.05	23.05
The Detroit Edison Co															
1977	13231	87.1	11799	2.05	10.6	30.00	24.06	24.82	6552	100.0	149430	1.0	0.0	16.84	16.84
1978	11887	72.2	11505	1.64	10.2	35.11	25.54	28.20	5968	91.9	148904	0.8	15.99	17.30	17.19
1979	13994	85.4	11937	1.59	9.7	41.93	32.92	34.24	4783	92.5	147790	0.7	16.17	20.13	19.83
1980	13241	86.1	12079	1.29	8.2	44.45	34.14	35.58	2724	97.2	148450	0.7	24.70	24.98	24.97
Dover, City of															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	922	100.0	147786	1.6	0.0	13.42	13.42
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	882	100.0	147634	1.7	0.0	12.90	12.90
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	684	100.0	149898	2.0	0.0	18.22	18.22
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	632	100.0	150280	1.9	0.0	25.04	25.04
Duke Power															
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
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
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
1980	15496	84.1	12203	1.00	11.6	34.25	39.09	38.32	0	0.0	0	0.0	0.0	0.0	0.0
Duquesne Light															
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
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
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
1980	3818	64.4	11937	2.06	14.1	25.92	32.50	30.16	0	0.0	0	0.0	0.0	0.0	0.0
East Kentucky Rural Elec Coop															
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
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
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
1980	1921	86.9	12036	1.23	10.8	30.98	35.55	34.96	0	0.0	0	0.0	0.0	0.0	0.0
Eastern Iowa Light and Power															
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
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
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
1980	124	12.5	10793	2.83	9.0	28.65	28.33	28.61	0	0.0	0	0.0	0.0	0.0	0.0
Easton Util Comm															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
El Paso Electric															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	464[1]	100.0	140084	0.3	0.0	15.48	15.48
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	321[1]	72.0	144693	0.7	9.20	16.03	14.11
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	458[1]	87.1	143425	0.6	15.85	21.18	20.49
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	193[1]	55.5	141999	0.6	25.75	31.56	28.97
Electric Energy															
1977	2977[1]	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
1978	2570[1]	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
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
1980	2534	78.1	11789	2.03	8.9	32.32	34.17	33.77	0	0.0	0	0.0	0.0	0.0	0.0
Empire Dist Electric															

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
1977	816[1]	61.9	10958	4.50	20.4	21.16	9.76	14.10	51	0.0	149192	0.6	11.48	0.0	11.48
1978	829[1]	48.7	11080	4.20	18.9	25.30	13.00	19.31	28	0.0	150929	1.5	9.86	0.0	9.86
1979	863[1]	76.8	11015	4.06	19.2	26.48	18.93	20.69	48	0.0	150000	1.3	15.09	0.0	15.09
1980	869[1]	88.9	10995	4.32	20.1	27.15	24.03	24.37	0	0.0	0	0.0	0.0	0.0	0.0
Farmington Electric Utilities															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Fitchburg Gas and Electric															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2	100.0	146712	0.4	0.0	13.87	13.87
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Florida Power and Light															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	30614	100.0	147132	1.3	0.0	13.72	13.72
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	36339	87.1	147258	1.1	11.54	12.54	12.41
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	37995	80.2	148668	1.4	18.77	18.33	18.41
1980	51	100.0	13769	0.70	7.2	0.0	56.74	56.74	38522	77.4	149335	1.3	21.69	24.89	24.17
Florida Power Corp															
1977	950[1]	100.0	11261	2.58	10.3	0.0	32.66	32.66	14375	95.1	149279	2.1	12.09	12.45	12.44
1978	1256	100.0	11855	1.96	9.1	0.0	41.09	41.09	13690	100.0	148186	1.6	12.87	12.00	12.00
1979	1559	100.0	11892	1.66	9.5	0.0	46.86	46.86	12710	99.9	148929	1.7	13.30	17.33	17.32
1980	1920	100.0	11760	1.94	9.8	0.0	48.35	48.35	13605	99.1	150541	2.2	19.06	20.79	20.78
Fort Pierce, City of															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	473	100.0	145791	1.1	0.0	14.62	14.62
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	165	100.0	147655	1.8	0.0	11.74	11.74
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	67	100.0	147482	2.2	0.0	15.83	15.83
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Frankfort Light and Power Dept															
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
Fremont Dept of Public Utilities															
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
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
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
1980	177	48.8	10907	0.41	8.7	34.14	38.50	36.27	0	0.0	0	0.0	0.0	0.0	0.0
Gainesville-Alachua County Utils															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	713	100.0	151659	2.3	0.0	13.01	13.01
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	598	100.0	150506	2.1	0.0	11.93	11.93
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	313	100.0	151132	2.1	0.0	13.24	13.24
1980	26	100.0	12685	0.62	6.9	0.0	52.62	52.62	268	100.0	153146	1.5	0.0	22.20	22.20
Garland Municipal Pwr and Lt															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9[1]	100.0	145790	0.4	0.0	12.81	12.81
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
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	160[1]	0.0	145292	0.5	15.83	0.0	15.83
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	16[1]	0.0	144406	0.5	24.58	0.0	24.58
Georgia Power (Southern Co)															
1977	18093	61.8	11855	1.70	11.4	29.02	24.17	26.02	950	100.0	150575	1.0	0.0	13.98	13.98
1978	16860	74.5	11872	1.75	11.3	34.52	27.94	29.62	808	100.0	150687	1.0	0.0	14.08	14.08
1979	18884	84.0	11872	1.80	10.7	34.62	32.32	32.68	300	100.0	147028	2.8	0.0	15.65	15.65
1980	20726	87.0	11893	1.87	10.5	38.13	35.21	35.59	16	0.0	147000	0.1	21.63	0.0	21.63
Glendale Public Service Dept															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	693	100.0	146892	0.4	0.0	15.34	15.34
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	82	12.2	144899	0.2	14.49	15.58	14.62
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	388	68.3	146802	0.2	16.80	21.58	20.06
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	193[1]	100.0	145292	0.2	0.0	40.12	40.12
Grand Island Utilities															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	147	97.2	150966	1.5	12.73	12.23	12.25
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	156	100.0	154000	1.4	0.0	11.63	11.63
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	142	100.0	153811	1.9	0.0	14.41	14.41
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	40	67.9	151000	1.3	20.06	21.31	20.91
Grand River Dam Authority															
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
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
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
Green Mountain Power Corp															
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Greenville Electric Dept															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Greenwood Utils															

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
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
1978	83	0.0	13103	1.25	6.4	40.83	0.0	40.83	3	0.0	149000	3.3	11.55	0.0	11.55
1979	61	100.0	13253	1.10	4.6	0.0	43.86	43.86	3	0.0	146881	2.2	12.44	0.0	12.44
1980	76	100.0	12251	1.61	9.0	0.0	44.51	44.51	0	0.0	0	0.0	0.0	0.0	0.0
Gulf Power															
1977	2489	85.5	11793	2.31	11.5	30.45	27.14	27.62	109	100.0	148560	1.5	0.0	13.65	13.65
1978	2399	75.7	11859	1.91	11.9	32.25	32.87	32.72	167	100.0	146429	1.4	0.0	12.51	12.51
1979	2588	79.4	11877	1.98	11.3	34.69	37.92	37.26	5	100.0	146429	1.5	0.0	17.30	17.30
1980	2840	83.9	11942	2.08	11.1	36.14	44.26	42.95	0	0.0	0	0.0	0.0	0.0	0.0
Gulf States Utilities															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9899	0.0	148670	0.5	11.99	0.0	11.99
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	10725	0.0	147852	0.5	11.60	0.0	11.60
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	7385	45.1	148007	0.5	16.55	21.05	18.58
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	824	58.9	147774	0.6	25.60	23.10	24.13
Hamilton, City of															
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
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
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
1980	185	100.0	12483	0.77	9.9	0.0	41.48	41.48	0	0.0	0	0.0	0.0	0.0	0.0
The Hartford Elec Light Co(NU)															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3916	100.0	145042	0.4	0.0	13.61	13.61
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	4020	100.0	145745	0.4	0.0	13.17	13.17
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3612	100.0	146032	0.4	0.0	20.52	20.52
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	4857	100.0	145791	0.4	0.0	28.38	28.38
Hastings Utilities															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	212	0.0	150154	0.7	11.02	0.0	11.02
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	141	0.0	150000	0.9	10.81	0.0	10.81
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	54	0.0	150000	0.9	13.67	0.0	13.67
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	28	0.0	150000	0.9	18.42	0.0	18.42
Hawaiian Electric															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9071	100.0	149622	1.2	0.0	11.63	11.63
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9256	95.7	150155	1.1	11.56	14.00	13.90
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9040	100.0	150848	1.2	0.0	15.88	15.88
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9092	98.4	149706	1.0	36.82	23.24	23.46
Henderson Municipal Pwr and Lt															
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
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
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
1980	149	100.0	11078	2.53	9.8	0.0	27.42	27.42	0	0.0	0	0.0	0.0	0.0	0.0
Hawaii Electric Light Co															
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	325	100.0	143469	1.6	0.0	20.54	20.54
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	554	100.0	150162	1.6	0.0	24.02	24.02
Holland Board of Public Wks															
1977	156[1]	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
1978	186[1]	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
1979	162[1]	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
1980	124	39.0	12577	1.43	9.5	43.04	43.01	43.03	0	0.0	0	0.0	0.0	0.0	0.0
Holyoke Gas and Electric															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	81	100.0	145980	0.9	0.0	14.24	14.24
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	69	100.0	146477	0.9	0.0	13.63	13.63
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	54	100.0	146779	1.0	0.0	18.98	18.98
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	38	100.0	148542	1.0	0.0	30.35	30.35
Holyoke Water Power (NU)															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1326	100.0	146652	1.0	0.0	13.65	13.65
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1102	100.0	147841	1.0	0.0	13.25	13.25
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	990	100.0	148560	1.2	0.0	20.50	20.50
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1531	100.0	149439	2.1	0.0	24.28	24.28
Hoosier Energy Div-Indiana Rec															
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
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
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
1980	754	85.3	10790	3.52	12.0	15.44	21.04	20.22	0	0.0	0	0.0	0.0	0.0	0.0
Houston Lighting and Power															
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
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
1979	2816	100.0	8613	0.43	5.7	0.0	37.57	37.57	1093	0.0	147218	0.8	10.19	0.0	10.19
1980	5794	100.0	8700	0.41	5.7	0.0	35.84	35.84	494	0.0	147532	0.7	14.29	0.0	14.29
Idaho Power Co															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Illinois Power															
1977	6481	75.9	10668	2.55	11.2	22.52	19.75	20.42	1327	100.0	148974	0.8	0.0	13.58	13.58
1978	7235[1]	78.6	10737	2.42	11.1	27.20	25.02	25.48	1253	100.0	149139	0.9	0.0	13.03	13.03

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
1979	7689[1]	92.4	10845	2.45	10.6	31.71	27.22	27.56	500	100.0	148960	0.9	0.0	18.79	18.79
1980	7387[1]	94.2	10969	2.47	10.5	28.98	30.12	30.05	308	100.0	150000	0.9	0.0	26.13	26.13
Imperial Irrigation District															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1099	100.0	151000	1.1	0.0	12.43	12.43
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1174	100.0	151000	1.2	0.0	12.06	12.06
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	951	100.0	151000	0.8	0.0	18.07	18.07
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	247	100.0	151000	0.6	0.0	22.62	22.62
City of Independence Pwr and Lt															
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
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
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
1980	244	0.0	12181	3.95	12.2	29.18	0.0	29.18	0	0.0	0	0.0	0.0	0.0	0.0
Indianapolis Power and Light															
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
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
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
1980	6140	98.6	10942	2.30	9.8	21.55	22.74	22.72	0	0.0	0	0.0	0.0	0.0	0.0
Interstate Power															
1977	2016	96.9	9404	1.58	8.5	23.76	19.83	19.95	364	93.7	150263	1.8	12.53	14.43	14.31
1978	1475	94.8	9565	1.81	9.6	27.51	22.98	23.22	329	100.0	151099	1.5	0.0	13.04	13.04
1979	1409	100.0	9778	1.88	8.9	0.0	27.10	27.10	212	100.0	151167	1.4	0.0	16.83	16.83
1980	1552	100.0	9416	1.50	8.1	0.0	29.52	29.52	2	100.0	150998	0.5	0.0	21.63	21.63
Iowa Electric Light and Power															
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
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
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
1980	731	99.7	10219	2.47	10.1	34.95	44.08	44.06	0	0.0	0	0.0	0.0	0.0	0.0
Iowa-Illinois Gas and Electric															
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
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
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
1980	339	99.7	10303	2.64	10.5	36.55	31.48	31.49	0	0.0	0	0.0	0.0	0.0	0.0
Iowa Power and Light															
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
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
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
1980	2539	100.0	8596	0.54	5.6	0.0	17.88	17.88	0	0.0	0	0.0	0.0	0.0	0.0
Iowa Public Service															
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
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
1979	4579[1]	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
1980	4126	93.7	9281	0.60	9.2	30.79	24.91	25.28	0	0.0	0	0.0	0.0	0.0	0.0
Iowa Southern Utilities															
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
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
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
1980	920	65.7	9379	1.28	6.4	31.51	21.27	24.78	0	0.0	0	0.0	0.0	0.0	0.0
Jacksonville Electric Authority															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9847	100.0	149099	1.6	0.0	12.99	12.99
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	10058	100.0	148475	1.2	0.0	12.50	12.50
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9635	98.4	150949	1.3	24.02	17.58	17.68
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	8895	98.8	151344	1.4	18.87	24.05	23.99
Jamestown Bd of Public Utilities															
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
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
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
1980	168	0.0	11846	2.22	13.2	29.74	0.0	29.74	0	0.0	0	0.0	0.0	0.0	0.0
Jonesboro Water and Light Plant															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	15[1]	0.0	145000	0.9	12.16	0.0	12.16
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	36[1]	0.0	145000	0.9	12.10	0.0	12.10
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	4[1]	0.0	145000	0.9	18.44	0.0	18.44
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Kansas City Bd Public Utilities															
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
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
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
1980	681	58.8	12248	3.01	11.0	31.23	35.70	33.85	0	0.0	0	0.0	0.0	0.0	0.0
Kansas City Power and Light															
1977	6824[1]	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
1978	6020[1]	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
1979	6825[1]	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
1980	8739	100.0	9324	2.37	11.5	0.0	18.45	18.45	0	0.0	0	0.0	0.0	0.0	0.0
Kansas Gas and Electric															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1571	0.0	149124	1.2	11.84	0.0	11.84
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1798	6.0	150759	1.3	10.80	11.47	10.84

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1064	29.3	151480	1.6	12.96	11.54	12.54
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
The Kansas Power and Light Co															
1977	1554	99.8	9460	0.49	9.7	27.02	19.60	19.61	1280	0.0	149867	1.2	12.64	0.0	12.64
1978	3564	97.6	8948	0.43	7.8	26.83	17.04	17.27	997	6.4	150058	1.1	11.15	11.24	11.15
1979	4883	96.6	9177	0.44	7.0	34.62	19.06	19.59	602	46.7	149779	1.4	13.38	13.29	13.34
1980	5492	100.0	8909	0.39	6.6	0.0	19.68	19.68	0	0.0	0	0.0	0.0	0.0	0.0
Kentucky Utilities															
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
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
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
1980	4098	67.7	11846	2.08	9.8	28.51	34.33	32.45	0	0.0	0	0.0	0.0	0.0	0.0
Utilities Board City of Key West															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	665	100.0	148037	2.1	0.0	11.78	11.78
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	736	99.3	147763	2.1	11.69	11.78	11.77
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	630	100.0	148304	2.1	0.0	17.06	17.06
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	721	100.0	149807	2.2	0.0	22.67	22.67
City of Lafayette Util System															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	59	0.0	147185	0.6	26.89	0.0	26.89
Lake Superior Dist Power															
1977	70	47.4	10193	1.76	10.1	26.55	27.37	26.94	19[1]	100.0	134033	0.5	0.0	14.25	14.25
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
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
1980	143[1]	100.0	10326	1.41	8.7	0.0	33.00	33.00	0	0.0	0	0.0	0.0	0.0	0.0
Lake Worth Utilities															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	68[1]	0.0	148094	1.2	14.49	0.0	14.49
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	39	0.0	150000	2.1	12.16	0.0	12.16
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	56	0.0	149489	2.2	19.84	0.0	19.84
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	67	0.0	148001	2.2	23.47	0.0	23.47
Lakeland Dept of Elec Wtr Utils															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1369	100.0	147445	1.4	0.0	13.68	13.68
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1328	100.0	147538	1.1	0.0	12.66	12.66
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1102	100.0	148169	1.2	0.0	19.01	19.01
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1154	100.0	148775	1.4	0.0	23.64	23.64
Lamar Utilities Board															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Lansing Board of Water and Light															
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
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
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
1980	1149	97.6	12747	0.79	8.2	50.19	49.15	49.18	0	0.0	0	0.0	0.0	0.0	0.0
Lea County Electric 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
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
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
1980	0	0.0	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															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	14[1]	0.0	152045	2.8	13.15	0.0	13.15
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3	0.0	150837	0.8	11.86	0.0	11.86
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6	0.0	154078	1.0	16.53	0.0	16.53
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2	0.0	153941	1.4	21.94	0.0	21.94
Logansport Indiana Electric Dept															
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
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
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
1980	60	100.0	12095	1.48	7.0	0.0	30.10	30.10	0	0.0	0	0.0	0.0	0.0	0.0
Long Island Lighting															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	19527	100.0	149151	1.8	0.0	12.38	12.38
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	20002	94.3	148900	1.6	11.93	11.51	11.53
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	16708	99.4	149249	1.9	21.88	16.32	16.36
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	14904	95.6	149839	2.0	24.03	22.77	22.82
Los Angeles Dept of Wtr and Pwr															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	17428	100.0	144970	0.2	0.0	15.24	15.24
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9841	100.0	144845	0.2	0.0	15.60	15.60
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	14204	100.0	145573	0.2	0.0	19.93	19.93
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9211	100.0	145223	0.2	0.0	31.77	31.77
Louisiana Power and Light (MSU)															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6050	100.0	146157	0.9	0.0	11.55	11.55
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6842	100.0	146119	0.9	0.0	10.97	10.97

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	4890	100.0	147652	1.1	0.0	15.66	15.66
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	4399	100.0	149932	0.9	0.0	21.81	21.81
Louisville Gas and Electric															
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
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
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
1980	3487	81.8	11006	3.46	13.8	24.85	26.86	26.49	0	0.0	0	0.0	0.0	0.0	0.0
Lower Colorado River Authority															
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
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
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
1980	3398	100.0	9265	0.37	4.4	0.0	38.38	38.38	0	0.0	0	0.0	0.0	0.0	0.0
Lubbock Power and Light Dept															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Madison Gas and Electric															
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
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
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
1980	169	32.1	11671	2.90	10.6	36.82	39.35	37.63	0	0.0	0	0.0	0.0	0.0	0.0
Manitowoc Public Utilities															
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
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
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
1980	67	8.7	11680	1.04	12.0	47.20	48.31	47.29	0	0.0	0	0.0	0.0	0.0	0.0
Marquette Bd of Light and Power															
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
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
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
1980	73	100.0	12890	1.55	8.7	0.0	42.88	42.88	0	0.0	0	0.0	0.0	0.0	0.0
Marshall Municipal Utilities															
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
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
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
1980	2	100.0	11000	3.94	12.0	0.0	24.20	24.20	0	0.0	0	0.0	0.0	0.0	0.0
Marshfield Elec and Wtr Dept															
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
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
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
1980	45	100.0	12237	2.41	7.8	0.0	46.08	46.08	0	0.0	0	0.0	0.0	0.0	0.0
Maui Electric															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	508	100.0	149663	1.9	0.0	12.51	12.51
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	500	100.0	149467	1.2	0.0	13.10	13.10
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	480	100.0	150045	1.3	0.0	18.05	18.05
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	484	95.4	150577	1.4	33.73	23.35	23.83
Mcpherson Bd of Public Utilities															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	32	0.0	150654	1.0	12.96	0.0	12.96
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	35	0.0	150660	1.0	11.32	0.0	11.32
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	25	0.0	150660	1.0	13.04	0.0	13.04
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Medina Electric Coop															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	8[1]	100.0	144000	0.5	0.0	8.05	8.05
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0[1]	100.0	144000	0.5	0.0	8.10	8.10
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0[1]	100.0	144000	0.5	0.0	7.89	7.89
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Menasha Elec and Wtr Utilities															
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
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
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
1980	26	100.0	12358	1.98	7.9	0.0	45.75	45.75	0	0.0	0	0.0	0.0	0.0	0.0
Michigan St University															
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
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
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
1980	156	100.0	12257	0.84	10.1	0.0	43.89	43.89	0	0.0	0	0.0	0.0	0.0	0.0
Minden, City of															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Minnesota Power and Light															
1977	2696	100.0	8407	0.88	9.5	0.0	11.32	11.32	515	100.0	150779	1.4	0.0	12.12	12.12
1978	2461[1]	100.0	8492	0.97	9.4	22.41	13.28	13.28	469	100.0	150833	1.6	0.0	13.38	13.38

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
1979	2784	100.0	8683	0.90	9.2	0.0	17.68	17.68	407	100.0	151132	1.7	0.0	16.39	16.39
1980	3235	100.0	8713	0.86	8.9	0.0	16.20	16.20	304	100.0	151100	1.7	0.0	29.54	29.54
Minnkota Power Coop															
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
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
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
1980	3865	100.0	6635	0.62	8.1	0.0	5.27	5.27	0	0.0	0	0.0	0.0	0.0	0.0
Mississippi Pwr and Lt (MSU)															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	13285	85.0	149241	2.4	11.32	10.88	10.95
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	14758	87.5	149348	2.4	11.69	10.63	10.76
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9673	90.8	150023	2.5	14.28	13.66	13.71
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	5012	98.2	150128	2.6	18.92	19.08	19.08
Mississippi Power (Southern Co)															
1977	1756[1]	60.7	11555	2.22	12.6	28.30	21.84	24.38	2200	100.0	145737	1.1	0.0	12.63	12.63
1978	1427[1]	58.0	11920	2.00	11.6	35.75	31.36	33.20	2517	93.6	147832	0.9	11.71	12.57	12.52
1979	2120[1]	77.0	11805	1.64	10.5	33.24	41.48	39.58	178	97.0	147415	1.6	12.15	16.41	16.28
1980	2951	73.3	11933	1.77	10.0	36.30	46.65	43.89	32	1.3	148275	2.4	23.36	20.95	23.33
Missouri Power and 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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Missouri Public Service															
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
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
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
1980	736	60.8	10844	3.15	10.7	31.51	31.23	31.34	0	0.0	0	0.0	0.0	0.0	0.0
Monroe, City of															
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
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
Montana-Dakota Utilities															
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
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
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
1980	815	100.0	6906	0.66	7.8	0.0	10.07	10.07	0	0.0	0	0.0	0.0	0.0	0.0
The Montana Power Co															
1977	2911	100.0	8703	0.75	9.2	0.0	4.43	4.43	121[1]	100.0	148810	0.3	0.0	12.63	12.63
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
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
1980	3071	100.0	8683	0.78	8.7	0.0	7.04	7.04	0	0.0	0	0.0	0.0	0.0	0.0
Moorhead Public Service Dept															
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
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
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
1980	87	100.0	7071	0.62	7.5	0.0	14.50	14.50	0	0.0	0	0.0	0.0	0.0	0.0
Muscatine Power and Water															
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
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
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
1980	212	100.0	11053	3.08	10.3	0.0	30.28	30.28	0	0.0	0	0.0	0.0	0.0	0.0
Natchitoches, City of															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Nebraska Public Power System															
1977	806	59.3	10927	0.60	7.5	31.53	23.76	26.92	110	0.0	151900	1.2	10.86	0.0	10.86
1978	1151	78.6	10071	0.52	6.6	34.25	21.12	23.93	454	0.0	151900	1.2	10.30	0.0	10.30
1979	1918	84.5	9519	0.47	5.7	38.48	15.44	19.01	74	0.0	151900	1.2	14.48	0.0	14.48
1980	1873	94.4	9768	0.50	5.5	43.39	22.12	23.32	23	0.0	151900	1.1	20.01	0.0	20.01
Nevada Power															
1977	828	100.0	12056	0.60	9.0	0.0	26.23	26.23	62	100.0	142100	0.5	0.0	14.34	14.34
1978	1011	100.0	11443	0.60	8.9	0.0	28.52	28.52	6	100.0	142100	0.5	0.0	13.46	13.46
1979	1108	79.1	11521	0.59	11.2	32.61	34.25	33.91	86	0.0	146421	0.6	18.08	0.0	18.08
1980	942	0.0	11501	0.53	11.1	35.71	0.0	35.71	17	0.0	147000	0.5	29.06	0.0	29.06
New Bedford Gas and Ed Lt (NEGA)															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	172	100.0	146501	0.9	0.0	13.28	13.28
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	176	100.0	147142	0.9	0.0	12.31	12.31
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	132	62.1	148642	0.9	22.60	20.60	21.36
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	142	16.2	149404	0.8	27.47	34.20	28.56
New England Power (NEES)															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	18096	85.8	147546	1.0	12.28	12.75	12.68
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	20198	81.7	148985	1.8	11.26	11.35	11.33
1979	2	100.0	13502	2.63	9.5	0.0	62.78	62.78	18410	87.5	149268	2.0	12.66	16.28	15.83
1980	633	0.0	13376	1.16	7.3	52.06	0.0	52.06	14792	96.5	149644	2.0	21.31	22.92	22.86
New Mexico Electric Service															

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
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
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
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
1980	0	0.0	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 Public Service (MSU)															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3827	0.0	147642	1.4	11.28	0.0	11.28
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	4265[1]	0.0	148216	1.3	10.90	0.0	10.90
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1756[1]	0.0	148175	1.3	13.77	0.0	13.77
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	478	0.0	149179	1.4	22.84	0.0	22.84
Sewer and Water Board N Orleans															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Public Utilities Comm - New Ulm															
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
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
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
1980	41	100.0	12500	2.54	8.2	0.0	44.62	44.62	0	0.0	0	0.0	0.0	0.0	0.0
New York State Electric and Gas															
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
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
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
1980	2417	58.8	11642	1.66	17.4	30.46	31.75	31.22	0	0.0	0	0.0	0.0	0.0	0.0
Niagra-Mohawk Power															
1977	2835	48.8	12813	1.83	9.0	31.67	35.00	33.30	11113	100.0	149110	2.4	0.0	13.30	13.30
1978	2681	60.7	12742	1.71	9.9	34.73	36.80	35.99	9814	100.0	149002	2.3	0.0	12.52	12.52
1979	3009	59.9	12782	1.83	9.4	35.78	38.80	37.59	9062	90.9	148775	2.2	24.69	18.04	18.64
1980	2993	61.2	12830	1.80	9.3	38.06	41.83	40.36	9690	81.0	147114	1.3	27.66	27.81	27.78
Northern Indiana Public Service															
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
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
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
1980	4798	97.7	10826	1.79	10.3	30.78	38.66	38.48	0	0.0	0	0.0	0.0	0.0	0.0
Northern Michigan Electric Coop															
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
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
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
1980	132	100.0	12648	1.71	7.2	0.0	45.04	45.04	0	0.0	0	0.0	0.0	0.0	0.0
Northern States Power															
1977	8030[1]	96.2	9066	1.21	9.8	18.00	12.57	12.77	79	0.0	151000	0.9	11.64	0.0	11.64
1978	7915[1]	96.3	8961	1.00	9.3	21.84	13.35	13.67	70	0.0	150343	0.8	12.78	0.0	12.78
1979	8932[1]	98.8	8938	0.95	9.3	24.16	16.97	17.06	37	0.0	151000	0.9	14.07	0.0	14.07
1980	7964[1]	99.3	8962	1.03	9.5	30.54	18.68	18.77	21	0.0	151000	0.5	19.46	0.0	19.46
Ohio Edison															
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
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
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
1980	7505	17.6	12237	2.11	10.4	34.94	35.33	35.01	0	0.0	0	0.0	0.0	0.0	0.0
Ohio Valley Electric Coop															
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
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
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
1980	2732	78.4	12043	3.91	9.9	22.48	29.95	28.34	0	0.0	0	0.0	0.0	0.0	0.0
Oklahoma Gas and Electric															
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
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
1979	3418	100.0	8714	0.38	5.0	0.0	19.10	19.10	38	0.0	148141	1.8	13.90	0.0	13.90
1980	5045	100.0	8754	0.36	4.9	0.0	20.21	20.21	0	0.0	0	0.0	0.0	0.0	0.0
Omaha Public Power District															
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
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
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
1980	2560	57.9	9035	0.58	7.1	23.95	21.43	22.49	0	0.0	0	0.0	0.0	0.0	0.0
Opelousas Municipal Elec Dept															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Orange and Rockland Utilities															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	10777	95.2	145128	0.3	13.75	14.14	14.12
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9387	84.7	145503	0.3	13.08	13.39	13.34
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6822	96.9	145853	0.3	14.89	20.72	20.54
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	5701	100.0	147018	0.4	0.0	28.43	28.43
Orlando Utilities Comm															

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2930	100.0	149375	1.7	0.0	13.47	13.47
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3284	100.0	150043	1.6	0.0	12.24	12.24
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3035	100.0	150044	1.8	0.0	17.54	17.54
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2224	100.0	149363	1.6	0.0	23.30	23.30
Orrville Municipal Utilities															
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
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
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
1980	115	100.0	11500	3.50	9.5	0.0	23.69	23.69	0	0.0	0	0.0	0.0	0.0	0.0
Otter Tail Power															
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
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
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
1980	3087	100.0	6318	0.71	7.9	0.0	10.27	10.27	0	0.0	0	0.0	0.0	0.0	0.0
Owatonna Public Utilities															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	200	100.0	150000	1.7	0.0	12.41	12.41
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	227	100.0	151054	1.5	0.0	11.92	11.92
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	103	100.0	151010	1.4	0.0	14.90	14.90
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	33	100.0	150047	1.7	0.0	17.08	17.08
Owensboro Municipal Utilities															
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
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
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
1980	936	100.0	11220	2.59	9.4	0.0	31.42	31.42	0	0.0	0	0.0	0.0	0.0	0.0
Pacific Gas and Electric															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	37359[1]	100.0	146663	0.4	0.0	14.35	14.35
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	21649[1]	100.0	148310	0.4	0.0	15.57	15.57
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	25332[1]	100.0	147488	0.4	0.0	19.53	19.53
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	21811	100.0	147909	0.4	0.0	30.83	30.83
Pacific Power and Light															
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
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
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
1980	16316	98.1	8491	0.60	12.0	6.19	11.02	10.93	0	0.0	0	0.0	0.0	0.0	0.0
Painesville Electric Light Dept															
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
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
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
1980	89	100.0	12215	2.73	9.6	0.0	32.84	32.84	0	0.0	0	0.0	0.0	0.0	0.0
Pasadena Water and Power Dept															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1115[1]	0.0	150000	0.5	15.91	0.0	15.91
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	397	23.8	146871	0.4	15.71	15.79	15.73
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	896	100.0	147380	0.2	0.0	21.11	21.11
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	158	100.0	147380	0.2	0.0	31.63	31.63
Pella Municipal Power and Light															
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
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
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
1980	77	0.0	9997	2.88	12.5	28.43	0.0	28.43	0	0.0	0	0.0	0.0	0.0	0.0
Pennsylvania Power and Light															
1977	10677[1]	66.6	11962	1.99	14.7	20.41	27.06	24.84	7431	100.0	143548	0.9	0.0	13.77	13.77
1978	9081[1]	51.7	12107	1.89	14.5	26.15	31.48	28.91	10664	100.0	144152	0.9	0.0	13.08	13.08
1979	9864[1]	64.3	12187	1.82	14.5	26.77	33.05	30.81	9581	100.0	145837	0.9	0.0	18.80	18.80
1980	10084[1]	65.6	12187	1.74	15.0	29.73	36.69	34.29	9445	100.0	146629	0.9	0.0	26.44	26.44
Pennsylvania Power															
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
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
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
1980	4947	80.0	11969	2.95	13.0	31.71	44.13	41.64	0	0.0	0	0.0	0.0	0.0	0.0
Peru Utilities															
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
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
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
1980	52	95.5	11200	3.90	11.2	29.06	30.79	30.71	0	0.0	0	0.0	0.0	0.0	0.0
Philadelphia Electric															
1977	1196	87.0	13004	2.71	9.3	29.21	30.47	30.31	11458[1]	93.1	146227	0.3	13.70	14.19	14.16
1978	1057	55.2	12902	2.52	9.7	36.06	32.59	34.15	13180	93.2	146316	0.3	13.52	13.72	13.71
1979	1210	71.4	13009	2.39	9.1	40.00	36.79	37.71	9719	99.2	147168	0.4	14.59	21.33	21.27
1980	1305	25.8	13079	1.86	8.3	42.53	43.18	42.70	8978	83.0	148086	0.5	27.79	29.95	29.58
Piqua Municipal Power System															
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
1978	84[1]	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
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
1980	105	5.8	12246	2.10	10.0	29.03	29.82	29.08	0	0.0	0	0.0	0.0	0.0	0.0
Plains Elec Gen and Trans Coop															

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9	0.0	142000	0.3	11.05	0.0	11.05
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3	0.0	140999	0.2	9.17	0.0	9.17
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	26[1]	100.0	144853	0.5	0.0	18.00	18.00
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	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
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
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
1980	1070	100.0	8196	0.35	4.9	0.0	23.15	23.15	0	0.0	0	0.0	0.0	0.0	0.0
Potomac Electric Power															
1977	5207	57.7	12239	1.49	12.7	32.31	27.32	29.43	9722[1]	99.5	148060	1.5	16.45	13.03	13.05
1978	4550	52.1	12311	1.48	12.2	36.13	32.96	34.48	10542[1]	100.0	147254	1.4	0.0	12.39	12.39
1979	5701	57.7	12432	1.39	11.8	38.08	35.09	36.36	6605[1]	92.2	147090	1.5	17.54	18.89	18.79
1980	5870	64.8	12429	1.58	12.6	39.95	38.14	38.78	4235[1]	99.1	147137	1.5	23.78	26.87	26.84
Public Service Co of Colorado															
1977	6140	99.6	9898	0.47	7.4	16.87	12.40	12.42	585[1]	59.6	148191	0.7	11.64	12.14	11.94
1978	6033	100.0	9777	0.43	7.1	0.0	13.54	13.54	358[1]	91.1	146117	0.7	10.52	11.28	11.22
1979	6158	100.0	9896	0.41	6.8	0.0	15.12	15.12	403	100.0	147231	0.6	0.0	15.07	15.07
1980	5993	100.0	9716	0.41	6.9	0.0	17.80	17.80	198	98.1	149318	0.8	28.14	27.48	27.49
Public Service Co of Indiana															
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
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
1979	12321[1]	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
1980	12157	92.2	10620	2.58	11.2	20.89	24.40	24.13	0	0.0	0	0.0	0.0	0.0	0.0
Public Serv Co of New Hampshire															
1977	960	96.6	13364	2.33	7.2	34.71	34.77	34.77	2710	100.0	148691	1.8	0.0	12.84	12.84
1978	760	74.3	13014	2.17	7.7	37.97	38.56	38.41	3513	97.8	147945	1.7	12.24	11.98	11.98
1979	1050	97.3	13427	2.57	7.8	38.41	41.01	40.94	4642	96.3	148653	1.8	12.16	16.98	16.80
1980	1052	90.5	13408	2.54	7.8	42.58	42.89	42.86	3670	100.0	148762	1.9	0.0	23.76	23.76
Public Service Co of New Mexico															
1977	1731	100.0	9700	0.89	22.4	0.0	7.40	7.40	165[1]	26.6	143777	0.3	12.24	12.81	12.39
1978	2082	100.0	9656	0.89	22.4	0.0	11.74	11.74	73[1]	100.0	144064	0.2	0.0	13.38	13.38
1979	2388	100.0	9276	0.80	18.7	0.0	13.25	13.25	283[1]	66.3	142890	0.3	15.20	21.31	19.25
1980	3307	99.4	9193	0.79	18.4	21.95	15.88	15.92	83[1]	100.0	142602	0.2	0.0	26.04	26.04
Public Serv Co of Oklahoma (CSW)															
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
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
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
1980	2838	100.0	8594	0.42	6.6	0.0	23.69	23.69	0	0.0	0	0.0	0.0	0.0	0.0
Public Service Elec and Gas-NJ															
1977	1853	92.8	13205	1.22	8.7	41.19	39.80	39.90	18265	100.0	145202	0.2	0.0	14.26	14.26
1978	1387	94.7	13244	1.19	8.8	45.05	44.31	44.35	19287[1]	98.8	145692	0.2	12.80	13.63	13.62
1979	1558	95.5	13206	1.23	8.9	46.47	47.49	47.44	13359[1]	100.0	145642	0.2	0.0	21.21	21.21
1980	1732	83.7	13213	1.22	8.4	47.38	50.72	50.17	9296	99.2	145938	0.2	26.89	30.68	30.65
Puget Sound Power and 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
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	446[1]	0.0	151648	1.7	16.61	0.0	16.61
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	243[1]	0.0	151365	1.6	22.47	0.0	22.47
Richmond Power and Light															
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
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
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
1980	235	55.5	10860	2.20	12.1	27.55	32.30	30.19	0	0.0	0	0.0	0.0	0.0	0.0
Rochester Dept Public Utilities															
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
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
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
1980	182	99.0	12458	2.11	9.0	47.14	42.99	43.03	0	0.0	0	0.0	0.0	0.0	0.0
Rochester Gas and Electric Corp															
1977	908	65.7	12897	2.08	9.7	29.38	32.90	31.70	843	98.5	148655	1.9	14.94	15.23	15.22
1978	816	55.7	12417	2.26	10.9	32.50	34.90	33.84	691	100.0	149177	1.8	0.0	14.04	14.04
1979	730	49.4	12629	2.41	10.2	33.04	36.30	34.65	782	100.0	149328	1.8	0.0	18.22	18.22
1980	790	47.2	12544	2.47	10.5	36.77	38.44	37.55	642	94.4	149328	1.9	23.63	26.30	26.15
Ruston Util Sys															
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
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
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
1980	0	0.0	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															
1977	7599	79.1	10836	0.44	9.7	23.65	5.77	9.51	1603	26.8	149506	0.8	13.72	12.38	13.36
1978	6290	100.0	10908	0.40	8.9	0.0	7.83	7.83	1089	41.0	147816	0.6	11.20	14.15	12.41
1979	9708	100.0	10773	0.43	10.2	0.0	14.78	14.78	1955[1]	11.3	151201	0.8	16.84	18.42	17.02
1980	9182	100.0	10858	0.48	10.2	0.0	19.06	19.06	386[1]	23.8	150174	0.8	24.15	31.00	25.78
City Public Service-San Antonio															
1977	2289	100.0	8172	0.37	6.6	0.0	19.47	19.47	223[1]	100.0	149585	0.4	0.0	12.91	12.91

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
1978	2282	100.0	8361	0.37	6.3	0.0	20.54	20.54	794[1]	100.0	146127	0.5	0.0	11.00	11.00
1979	2016[1]	99.9	8367	0.38	6.6	22.51	26.29	26.29	282[1]	100.0	145484	0.5	0.0	12.14	12.14
1980	3256	100.0	8397	0.72	6.4	0.0	27.21	27.21	0	0.0	0	0.0	0.0	0.0	0.0
San Diego Gas and Electric															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	11681	100.0	146539	0.3	0.0	15.35	15.35
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9881	100.0	146602	0.4	0.0	16.63	16.63
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	10539	100.0	148131	0.4	0.0	19.93	19.93
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9210	100.0	148496	0.4	0.0	31.97	31.97
Savannah Electric and Power															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3693	100.0	147176	2.3	0.0	12.41	12.41
1978	157	0.0	12026	1.04	11.2	38.18	0.0	38.18	3512[1]	95.4	147743	2.6	10.52	11.68	11.63
1979	329	0.0	12513	1.22	10.9	38.52	0.0	38.52	1839	100.0	147840	2.5	0.0	17.54	17.54
1980	580	0.0	12248	0.94	11.8	39.98	0.0	39.98	717	79.4	149126	2.4	22.75	21.47	21.74
Sierra Pacific Power															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1320	100.0	146612	0.7	0.0	13.14	13.14
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2687	100.0	146390	0.6	0.0	12.40	12.40
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1453	87.9	146606	0.6	19.74	15.90	16.36
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2491	42.9	147967	0.7	19.68	25.63	22.23
South Carolina Electric and Gas															
1977	3689	50.7	12249	1.40	11.5	31.21	28.66	29.91	4805	100.0	148979	2.0	0.0	10.72	10.72
1978	3695	62.0	12349	1.36	11.4	32.54	33.07	32.87	5187	100.0	149063	1.9	0.0	11.87	11.87
1979	3041	100.0	12610	1.38	9.7	31.48	37.25	37.25	3674	100.0	149227	2.0	0.0	16.31	16.31
1980	4039	74.9	12649	1.52	9.9	35.92	41.52	40.11	1956	100.0	149012	2.1	0.0	21.54	21.54
South Carolina Public Serv Auth															
1977	2335	71.4	11447	1.31	14.3	32.73	27.70	29.14	258	100.0	148794	2.2	0.0	12.94	12.94
1978	2251	74.9	11698	1.23	13.7	34.17	34.53	34.44	57	100.0	148929	2.3	0.0	12.13	12.13
1979	2256	84.7	12147	1.27	11.1	36.73	35.33	35.54	23	97.0	148150	2.2	18.02	15.50	15.58
1980	2897	77.6	12213	1.32	11.1	37.48	37.51	37.50	87	100.0	149112	2.3	0.0	21.42	21.42
South Mississippi Elec Pwr Assn															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	953[1]	91.9	146969	3.3	11.19	11.05	11.06
1978	237	100.0	11502	1.50	15.7	0.0	35.24	35.24	955	100.0	147742	2.4	0.0	11.24	11.24
1979	578	100.0	11210	1.45	17.1	0.0	36.59	36.59	311	100.0	145637	2.9	0.0	12.50	12.50
1980	725	100.0	12232	1.11	10.9	0.0	44.88	44.88	16	100.0	143811	2.8	0.0	13.85	13.85
South Texas Electric Coop Inc															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Southern California Edison															
1977	4568	100.0	10896	0.41	10.2	0.0	9.52	9.52	58230	99.9	145220	0.3	15.60	14.24	14.24
1978	2684	100.0	10875	0.54	10.7	0.0	13.14	13.14	41376	99.6	145238	0.2	14.59	15.97	15.97
1979	3234	100.0	10884	0.68	11.3	0.0	19.78	19.78	45548	99.4	145240	0.2	26.86	18.72	18.76
1980	3573	100.0	10917	0.55	10.3	0.0	19.87	19.87	30406	100.0	145240	0.2	0.0	30.41	30.41
Southern Illinois Power Coop															
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
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
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
1980	633	9.6	10048	2.67	16.3	19.09	28.44	19.98	0	0.0	0	0.0	0.0	0.0	0.0
Southern Indiana Gas and Elec															
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
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
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
1980	4279	100.0	10983	3.28	10.2	0.0	24.65	24.65	0	0.0	0	0.0	0.0	0.0	0.0
Southwestern Electric Pwr (CSW)															
1977	1597	100.0	8368	0.38	5.6	0.0	14.00	14.00	1692[1]	39.7	147376	0.6	12.14	11.40	11.85
1978	3057	100.0	8400	0.36	5.2	0.0	16.46	16.46	721[1]	72.9	147187	0.6	11.86	11.36	11.50
1979	3354	100.0	8399	0.33	4.9	0.0	19.40	19.40	105[1]	24.8	146920	0.6	15.16	9.73	13.82
1980	5078	100.0	8411	0.33	4.8	0.0	20.72	20.72	1	0.0	147400	0.6	27.10	0.0	27.10
Southwestern Public Service															
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
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
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
1980	2931	100.0	8837	0.42	5.0	0.0	26.34	26.34	0	0.0	0	0.0	0.0	0.0	0.0
Springfield Wtr Lt and Pwr Dept															
1977	730[1]	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
1978	705[1]	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
1979	907[1]	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
1980	847[1]	98.6	10682	3.23	9.9	24.96	27.48	27.44	0	0.0	0	0.0	0.0	0.0	0.0
City Utilities of Springfield															
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
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
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
1980	553	88.8	11414	4.02	15.3	38.96	35.27	35.69	0	0.0	0	0.0	0.0	0.0	0.0
St Joseph Light and Power															
1977	482[1]	80.3	10932	3.86	13.4	23.33	23.09	23.13	139	0.0	150489	2.1	12.35	0.0	12.35

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
1978	300[1]	94.1	10667	4.13	13.5	26.08	25.09	25.15	100	0.0	150432	2.2	11.06	0.0	11.06
1979	305	93.8	10984	4.32	14.1	28.62	29.80	29.72	135	0.0	150914	2.6	13.35	0.0	13.35
1980	225	62.9	11757	4.54	14.7	31.80	34.35	33.40	1	0.0	149888	2.2	13.61	0.0	13.61
Sunflower Electric Coop Inc															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Tallahassee, City of															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1586	83.9	151549	1.7	12.50	11.79	11.91
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2634	100.0	150751	1.8	0.0	11.80	11.80
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1687	100.0	149683	2.0	0.0	16.34	16.34
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	951	100.0	151476	2.2	0.0	21.32	21.32
Tampa Electric															
1977	3593	100.0	11494	2.41	10.5	0.0	29.73	29.73	4049	100.0	148482	0.9	0.0	12.83	12.83
1978	3654	72.5	11721	2.01	10.5	32.72	34.02	33.66	4657	100.0	149570	0.9	0.0	12.26	12.26
1979	3802	96.6	11873	2.17	9.9	36.26	35.76	35.78	4627	100.0	149937	0.9	0.0	19.24	19.24
1980	3847	89.6	11785	2.39	10.4	42.14	38.97	39.30	4314	100.0	150220	0.8	0.0	24.31	24.31
Taunton Municipal Lighting Plant															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	425	93.8	147393	0.9	13.20	13.86	13.82
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	445	50.4	148573	1.4	12.32	12.19	12.25
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	503	100.0	149089	2.1	0.0	16.68	16.68
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	535	100.0	148562	1.9	0.0	25.02	25.02
Texas Electric Serv(Texas Utils)															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	597[1]	50.3	142857	0.5	12.26	13.02	12.64
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	145[1]	100.0	142857	0.4	0.0	11.82	11.82
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	93[1]	100.0	142857	0.4	0.0	19.04	19.04
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	538[1]	100.0	142857	0.5	0.0	30.00	30.00
Texas Pwr and Lt (Texas Utils)															
1977	14153	100.0	6601	0.66	12.0	0.0	4.97	4.97	390[1]	1.4	142197	0.1	10.76	13.83	10.81
1978	18163	100.0	6625	0.70	11.8	0.0	5.78	5.78	8[1]	0.0	137915	0.1	13.75	0.0	13.75
1979	24802	100.0	6559	0.73	11.7	0.0	7.58	7.58	66[1]	0.0	145105	0.5	14.53	0.0	14.53
1980	27014	100.0	6361	0.72	11.8	0.0	8.07	8.07	21[1]	0.0	154000	1.2	22.29	0.0	22.29
The Toledo Edison Co															
1977	2323	36.4	12170	2.49	11.8	28.59	27.83	28.31	99	100.0	151223	1.2	0.0	13.40	13.40
1978	1909	37.5	12154	2.29	11.2	31.45	36.32	33.28	81	100.0	151071	1.2	0.0	13.54	13.54
1979	1803	67.6	12654	1.16	8.2	38.07	43.12	41.49	87	100.0	150862	1.2	0.0	15.60	15.60
1980	1791	75.6	12936	0.76	7.4	44.46	47.73	46.93	261	18.1	147523	0.4	19.43	20.97	19.71
Traverse, City of															
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
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
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
1980	25	100.0	12836	0.89	7.0	0.0	46.24	46.24	0	0.0	0	0.0	0.0	0.0	0.0
The Tucson Gas and Electric Co															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3086[1]	55.3	148052	0.8	14.23	14.38	14.31
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1229[1]	71.1	147913	0.9	13.23	15.68	14.98
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	820[1]	100.0	146164	0.9	0.0	18.35	18.35
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	782[1]	100.0	145371	0.9	0.0	29.33	29.33
Tennessee Valley Authority															
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
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
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
1980	35245	98.9	11648	2.35	12.5	33.48	35.31	35.28	0	0.0	0	0.0	0.0	0.0	0.0
The United Gas Imp Co															
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
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
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
1980	271	100.0	8778	0.70	20.0	0.0	20.03	20.03	0	0.0	0	0.0	0.0	0.0	0.0
Union Electric															
1977	12190	86.8	11175	2.52	10.1	27.96	16.19	17.75	519	100.0	151819	1.8	0.0	12.45	12.45
1978	11739	81.0	10918	1.86	9.6	35.66	21.07	23.84	485	100.0	153359	1.8	0.0	12.41	12.41
1979	12341	95.0	10999	1.83	9.5	39.24	23.90	24.66	443	97.7	153008	1.7	34.02	15.89	16.30
1980	12400	94.0	11024	1.91	9.5	28.29	26.01	26.15	378	100.0	151250	1.7	0.0	21.96	21.96
The United Illuminating Co															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	8079	100.0	146016	0.2	0.0	13.80	13.80
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	8867	100.0	146643	0.3	0.0	12.91	12.91
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	8366	100.0	147744	0.4	0.0	20.05	20.05
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	8404	100.0	147376	0.4	0.0	29.69	29.69
United Power Association															
1977	732	100.0	6827	0.65	8.9	0.0	5.97	5.97	8[1]	0.0	139470	1.3	15.26	0.0	15.26
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
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
1980	1042	100.0	7040	0.65	8.7	0.0	9.99	9.99	0	0.0	0	0.0	0.0	0.0	0.0
University of Illinois															
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

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Upper Peninsula Gen Co															
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
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
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
1980	1420	84.0	10529	0.68	8.3	41.19	34.79	35.81	0	0.0	0	0.0	0.0	0.0	0.0
Upper Peninsula Power															
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
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
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
1980	59	100.0	12832	1.50	8.8	0.0	45.09	45.09	0	0.0	0	0.0	0.0	0.0	0.0
Utah Power and Light															
1977	5149	100.0	10563	0.59	9.7	0.0	13.69	13.69	218	100.0	158582	0.4	0.0	13.16	13.16
1978	5094	100.0	10727	0.55	9.6	0.0	15.88	15.88	73	61.6	149442	0.3	11.63	10.07	10.67
1979	6749	100.0	10943	0.53	8.8	0.0	19.88	19.88	163	0.0	145114	0.4	16.11	0.0	16.11
1980	7548	100.0	10896	0.61	9.8	0.0	22.60	22.60	59	0.0	150000	0.4	23.27	0.0	23.27
Vero Beach Municipal Utilities															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	378[1]	100.0	147291	1.3	0.0	14.47	14.47
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	279[1]	100.0	148309	1.7	0.0	12.44	12.44
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	212[1]	100.0	149198	2.0	0.0	17.21	17.21
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	333[1]	100.0	149864	2.4	0.0	23.65	23.65
Vineland, City of															
1977	61	97.2	11899	1.16	12.1	31.18	32.11	32.08	283	100.0	145733	1.1	0.0	14.13	14.13
1978	58	100.0	12389	1.44	11.8	0.0	38.99	38.99	194	100.0	145890	1.0	0.0	12.82	12.82
1979	88	100.0	12570	1.33	10.6	0.0	41.33	41.33	247	100.0	150225	1.8	0.0	18.71	18.71
1980	106	100.0	12782	1.64	12.3	0.0	42.44	42.44	272	100.0	149752	1.9	0.0	25.26	25.26
Virginia Electric and Power															
1977	5331	55.2	11763	1.55	15.1	24.58	25.82	25.27	26279	92.2	148196	1.6	13.71	13.29	13.32
1978	4149	63.1	11651	1.63	16.1	24.97	33.18	30.15	25045	100.0	149168	1.6	0.0	12.36	12.36
1979	4834	74.8	11872	1.59	15.2	29.48	34.95	33.57	22888	87.1	149554	1.4	21.94	18.03	18.53
1980	4533	69.6	12172	1.52	14.1	39.87	37.29	38.07	14209	91.3	149425	1.3	21.94	24.97	24.71
Virginia, Minn Dept of Pub Util															
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
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
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
1980	93	100.0	8773	0.95	9.8	0.0	29.69	29.69	0	0.0	0	0.0	0.0	0.0	0.0
Washington Water Power Co															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Wellington,city of															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
West Texas Utilities (CSW)															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	155[1]	100.0	149305	0.5	0.0	13.18	13.18
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	45[1]	100.0	149317	0.5	0.0	13.44	13.44
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	94[1]	11.7	144353	0.3	20.92	13.89	20.10
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	35[1]	0.0	144613	0.3	30.23	0.0	30.23
Western Farmers Electric Coop															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	7[1]	0.0	148000	2.0	12.20	0.0	12.20
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
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
1980	0	0.0	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 Power Coop															
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
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
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
1980	72	84.7	10845	3.26	11.9	25.42	27.01	26.77	0	0.0	0	0.0	0.0	0.0	0.0
Western Mass Electric (NU)															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	651	100.0	148156	1.8	0.0	13.22	13.22
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1285	100.0	148878	2.0	0.0	12.30	12.30
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1259	100.0	149140	2.0	0.0	16.72	16.72
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1356	100.0	149485	1.9	0.0	24.22	24.22
Willmar Municipal Utilities Comm															
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
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
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
1980	60	99.8	8772	0.84	8.4	30.08	29.75	29.75	0	0.0	0	0.0	0.0	0.0	0.0
Winfield Municipal Elec Lt Dept															
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

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Winnetka, Village of															
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
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
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
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0
Wisconsin Electric Power															
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
1978	4053[1]	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
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
1980	5623	100.0	11266	2.25	8.1	0.0	32.08	32.08	0	0.0	0	0.0	0.0	0.0	0.0
Wisconsin Power and Light															
1977	3804[1]	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
1978	4534[1]	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
1979	5697[1]	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
1980	5334[1]	91.1	9183	1.34	7.7	29.98	23.81	24.37	0	0.0	0	0.0	0.0	0.0	0.0
Wisconsin Public Service Corp															
1977	1116[1]	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
1978	1073[1]	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
1979	1368[1]	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
1980	1027	79.2	12120	3.08	11.3	35.66	40.76	39.70	0	0.0	0	0.0	0.0	0.0	0.0
Wyandotte Dept of Muni Service															
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
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
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
1980	44	100.0	13301	0.73	10.4	0.0	49.14	49.14	0	0.0	0	0.0	0.0	0.0	0.0
Appalachian Power (AEP)															
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
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
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
1980	13294	96.7	11979	0.76	13.6	31.99	38.43	38.22	0	0.0	0	0.0	0.0	0.0	0.0
Commonwealth Edison-Indiana															
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
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
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
1980	1220	100.0	9525	0.42	4.3	0.0	36.88	36.88	0	0.0	0	0.0	0.0	0.0	0.0
Indiana-Kentucky Electric Corp															
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
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
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
1980	4250	39.0	10985	3.70	13.0	25.22	19.01	22.79	0	0.0	0	0.0	0.0	0.0	0.0
The Narragansett Elec Co(NEES)															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1296	52.4	147486	0.9	12.47	13.11	12.80
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1166	55.2	146399	0.8	12.24	12.81	12.55
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1120	84.5	147848	0.9	17.46	20.22	19.79
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1381	0.0	149705	0.9	24.97	0.0	24.97
Kentucky Power (AEP)															
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
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
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
1980	2417	66.8	11679	1.20	12.6	29.58	29.77	29.71	0	0.0	0	0.0	0.0	0.0	0.0
Monongahela Power (APS)															
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
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
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
1980	9573	95.4	12618	2.41	10.8	29.20	32.03	31.90	0	0.0	0	0.0	0.0	0.0	0.0
The Potomac Edison Co (APS)															
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
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
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
1980	373	94.1	12312	1.01	14.6	25.35	31.06	30.72	0	0.0	0	0.0	0.0	0.0	0.0
Metropolitan Edison (GPS)															
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
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
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
1980	1169	67.9	12672	1.81	10.7	35.50	39.34	38.11	0	0.0	0	0.0	0.0	0.0	0.0
Pennsylvania Electric (GPS)															
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
1978	11386	88.9	11936	2.04	17.3	26.40	29.02	28.73	0	0.0	0	0.0	0.0	0.0	0.0
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
1980	15516	82.7	11980	2.11	17.1	25.70	28.90	28.35	0	0.0	0	0.0	0.0	0.0	0.0
Ohio Power (AEP)															
1977	17692[1]	81.8	10272	2.99	15.4	16.81	21.74	20.84	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
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

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Coal								Residual Oil No. 6						
	Quan. Recpt.		Average Content			Average Cost			Quan. Recpt.		Average Content		Average Cost		
	1000	% on	Btu/	Sulf	Ash	in	$ per	ton	1000	% on	Btu/	Sulf	in	$ per	bbl
Year	tons	Contr	lb	wt %	wt %	Spot	Contr	Total	bbls	Contr	gal	% of	Spot	Contr	Total
1980	16086	97.7	10621	3.20	14.7	27.86	32.04	31.94	0	0.0	0	0.0	0.0	0.0	0.0
West Penn Power (APS)															
1977	5648	82.0	12210	2.21	13.8	21.09	19.63	19.89	863	100.0	147515	0.4	0.0	14.81	14.81
1978	4010	86.7	12201	2.22	14.3	21.00	23.61	23.26	1953	100.0	149964	0.5	0.0	14.59	14.59
1979	5528	97.2	12216	2.31	13.2	25.80	25.20	25.21	596	100.0	150690	0.5	0.0	19.19	19.19
1980	5231	98.3	12184	2.32	13.2	31.80	27.77	27.84	310	100.0	148288	0.4	0.0	27.16	27.16
Central Operating Co (AEP)															
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
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
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
1980	2002	99.1	11587	1.01	13.6	30.86	36.71	36.66	0	0.0	0	0.0	0.0	0.0	0.0
Ohio Electric Co (AEP)															
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
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
Montaup Electric															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1149	100.0	145230	0.6	0.0	13.25	13.25
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1106	100.0	148855	1.6	0.0	11.48	11.48
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1531	100.0	148685	2.0	0.0	15.98	15.98
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1791	80.4	149302	2.0	18.85	24.03	23.02
Jersey Central Pwr and Lt (GPS)															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3663	88.5	144964	0.4	14.02	14.37	14.33
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3513	86.9	145650	0.4	13.04	13.70	13.62
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1933	100.0	145487	0.3	0.0	21.41	21.41
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	986	100.0	146065	0.3	0.0	29.49	29.49
Atlantic City Electric															
1977	784	100.0	12558	3.06	11.9	0.0	29.97	29.97	1544	100.0	148002	1.8	0.0	13.90	13.90
1978	560	100.0	12674	2.90	11.2	0.0	32.28	32.28	1819	93.5	148702	1.8	12.96	13.29	13.27
1979	636	100.0	12732	2.98	11.0	0.0	34.57	34.57	1587	89.7	148453	1.8	13.91	17.84	17.43
1980	635	100.0	12783	2.91	11.0	0.0	38.61	38.61	1175	98.6	148369	1.8	34.50	23.24	23.39
Indiana and Michigan Elec (AEP)															
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
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
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
1980	2872	100.0	11378	3.03	11.1	0.0	40.64	40.64	0	0.0	0	0.0	0.0	0.0	0.0
Superior Water Light and Power															
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	91	100.0	151175	1.5	0.0	12.73	12.73
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	75	100.0	150697	1.6	0.0	12.92	12.92
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	68	100.0	150604	1.7	0.0	15.54	15.54
1980	0	0.0	0	0.0	0.0	0.0	0.0	0.0	66	100.0	151341	1.7	0.0	27.20	27.20

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
Alabama Electric Coop Inc										
1977	0	0.0	0	0.0	502	1025	1.03	0.0	1.03	0.0
1978	0	0.0	0	0.0	1091	1025	1.39	0.0	1.39	0.0
1979	0	0.0	0	0.0	490	1028	1.98	0.0	1.98	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Alabama Power Co (SC)										
1977	560	100.0	135873	15.75	3257	1207	2.44	2.15	2.23	71.5
1978	490	99.1	136949	16.29	5857	1144	2.53	2.43	2.52	5.4
1979	340	100.0	136585	24.36	6793	1127	2.60	0.0	2.60	0.0
1980	275	100.0	136727	36.34	1381	1133	2.80	3.02	2.96	74.5
Alexandria, City of										
1977	0	0.0	0	0.0	5362	1039	1.70	0.0	1.70	0.0
1978	0	0.0	0	0.0	5506	1053	2.14	0.0	2.14	0.0
1979	0	0.0	0	0.0	5364	1025	2.43	0.0	2.43	0.0
1980	0	0.0	0	0.0	6242	994	2.87	0.0	2.87	0.0
Ames, City of										
1977	10	100.0	138360	15.45	65	1000	1.27	0.0	1.27	0.0
1978	12	100.0	138360	16.61	45	1000	1.52	0.0	1.52	0.0
1979	9	100.0	138360	16.38	24	1000	1.52	0.0	1.52	0.0
1980	2	100.0	138277	32.85	12	1000	1.96	0.0	1.96	0.0
Arizona Electric Power Coop Inc										
1977	44	100.0	140746	16.04	3647	1063	1.13	0.0	1.13	0.0
1978	4	100.0	139552	14.83	4732	1059	1.37	0.0	1.37	0.0
1979	66	100.0	137858	32.34	3509	1057	1.88	0.0	1.88	0.0
1980	53	80.8	137655	38.89	3497	1061	2.26	0.0	2.26	0.0
Arizona Public Service										
1977	802	31.6	138360	15.49	10991	1062	1.14	0.0	1.14	0.0
1978	327	39.0	138106	14.01	19256	1067	1.40	0.0	1.40	0.0
1979	199	10.5	139326	28.34	20649	1061	2.16	2.48	2.16	2.2
1980	12	2.8	140998	38.09	18238	1058	0.0	2.65	2.65	100.0
Arkansas Electric Coop										
1977	0	0.0	0	0.0	75	1022	1.19	0.0	1.19	0.0
1978	0	0.0	0	0.0	80	1018	1.55	0.0	1.55	0.0
1979	0	0.0	0	0.0	1202	1014	1.93	0.0	1.93	0.0
1980	0	0.0	0	0.0	5536	1022	2.48	0.0	2.48	0.0
Arkansas-Missouri Power										
1977	139	53.0	138384	15.21	0	0	0.0	0.0	0.0	0.0
1978	232	50.0	139111	15.55	0	0	0.0	0.0	0.0	0.0
1979	20	27.6	137632	18.05	1088	1028	2.28	0.0	2.28	0.0
1980	113	99.8	141641	26.29	578	1030	2.85	0.0	2.85	0.0
Arkansas Power and Light (MSU)										
1977	738	6.3	137863	15.16	6674	1052	1.02	0.0	1.02	0.0
1978	869	7.6	140591	15.14	6895	1053	1.16	0.0	1.16	0.0
1979	183	2.8	142772	16.11	28813	1026	1.75	0.0	1.75	0.0
1980	198	6.8	143390	25.53	54205	1027	2.18	0.0	2.18	0.0
Associated Elec Coop-Missouri										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Deepwater Operating Co (ACE)										
1977	24[1]	1.4	135824	15.72	0	0	0.0	0.0	0.0	0.0
1978	6[1]	0.4	135566	16.60	0	0	0.0	0.0	0.0	0.0
1979	3[1]	0.2	136036	21.22	2460	1030	3.10	0.0	3.10	0.0
1980	0	0.0	0	0.0	3200	1035	3.79	0.0	3.79	0.0
City of Austin Electric Dept										
1977	2	100.0	137000	20.27	32288	1012	0.0	2.01	2.01	100.0
1978	28	99.8	137000	14.97	33876	1015	0.0	2.17	2.17	100.0
1979	0	0.0	0	0.0	25884	1015	0.0	2.29	2.29	100.0
1980	0	0.0	0	0.0	21154	1019	0.0	2.61	2.61	100.0
Austin Utilities										
1977	0	0.0	0	0.0	666	992	1.09	1.26	1.12	15.9
1978	0	0.0	0	0.0	166	988	1.27	1.43	1.42	96.1
1979	0	0.0	0	0.0	1628	985	1.71	1.84	1.72	7.8
1980	0	0.0	0	0.0	1579	992	1.97	2.14	1.98	7.7
Baltimore Gas and Electric										
1977	297[1]	3.4	137090	15.34	47	1017	2.09	0.0	2.09	0.0
1978	137[1]	1.3	137206	15.92	242	1067	1.92	0.0	1.92	0.0
1979	104	1.3	138508	24.64	8731	1078	1.86	0.0	1.86	0.0
1980	200[1]	3.9	138027	33.94	4782	1021	2.46	0.0	2.46	0.0
Bangor Hydro										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
Basin Electric Power Coop										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Big Rivers Rural Electric Coop										
1977	206[1]	100.0	112794	15.64	50	1000	1.34	1.36	1.35	13.5
1978	276[1]	100.0	102499	13.94	57	1000	1.55	0.0	1.55	0.0
1979	14[1]	100.0	116052	19.31	77	1000	2.13	0.0	2.13	0.0
1980	24	100.0	136000	35.72	83	1000	2.80	0.0	2.80	0.0
Black Hills Power and Light										
1977	56	100.0	135000	16.91	4	947	0.0	1.11	1.11	100.0
1978	162	100.0	135000	19.48	8	928	0.0	1.43	1.43	100.0
1979	32	100.0	135000	28.54	23	933	0.0	2.22	2.22	100.0
1980	52	100.0	135000	37.20	17	927	0.0	2.62	2.62	100.0
Boston Edison										
1977	90	0.6	136537	15.37	15	1000	1.95	0.0	1.95	0.0
1978	77	0.5	135619	16.20	0	0	0.0	0.0	0.0	0.0
1979	100	0.7	137561	24.98	194	1047	1.76	0.0	1.76	0.0
1980	78	0.5	138601	34.66	157	1000	2.51	0.0	2.51	0.0
Brazos Electric Power Coop										
1977	0	0.0	0	0.0	16835	1001	0.0	1.87	1.87	100.0
1978	0	0.0	0	0.0	18780	1005	0.0	1.99	1.99	100.0
1979	0	0.0	0	0.0	15838	1007	0.0	2.25	2.25	100.0
1980	0	0.0	0	0.0	20363	1011	0.0	2.59	2.59	100.0
Brownsville Public Utilities Bd										
1977	11	100.0	140000	15.53	4190	1000	2.04	0.0	2.04	0.0
1978	0	0.0	0	0.0	4045	1006	2.14	2.23	2.16	21.0
1979	0	0.0	0	0.0	3742	1000	2.31	2.36	2.31	5.7
1980	0	0.0	0	0.0	3797	1000	2.62	0.0	2.62	0.0
Bryan Municipal Electric										
1977	7	24.8	141000	14.92	6018	1011	1.56	2.45	1.65	9.5
1978	10	34.9	141000	14.84	6169	1022	1.92	2.31	1.92	0.5
1979	2	5.8	138296	15.65	5413	1021	2.07	2.45	2.07	0.1
1980	0	0.0	0	0.0	6408	1078	2.49	0.0	2.49	0.0
Cardinal Operating Co (AEP)										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Burbank Public Service Dept										
1977	4[1]	0.4	136522	15.23	1272	1066	1.91	0.0	1.91	0.0
1978	10[1]	2.0	136776	15.38	1735	1082	2.18	0.0	2.18	0.0
1979	2[1]	0.2	138851	27.18	2011	1076	2.59	0.0	2.59	0.0
1980	0	0.0	0	0.0	4902	1053	3.53	0.0	3.53	0.0
Burlington Electric Department										
1977	35	100.0	137314	16.18	440	1000	2.01	2.00	2.01	13.3
1978	0	0.0	0	0.0	36	1000	2.22	0.0	2.22	0.0
1979	18	100.0	139000	33.35	534	1000	2.63	0.0	2.63	0.0
1980	3	100.0	137477	39.12	239	1000	4.50	0.0	4.50	0.0
Cajun Electric Power Coop										
1977	210	100.0	137734	15.14	10608	1044	0.0	0.30	0.30	100.0
1978	353	100.0	137921	15.30	10767	1044	0.0	0.30	0.30	100.0
1979	207	100.0	141554	23.90	11283	1037	0.0	0.85	0.85	100.0
1980	134	100.0	140542	34.07	15339	1022	0.0	1.30	1.30	100.0
Cambridge Electric Lt Co (NEGA)										
1977	7[1]	1.9	133468	16.12	1982	1000	1.88	0.0	1.88	0.0
1978	6[1]	1.6	133468	17.20	1500	1000	1.87	0.0	1.87	0.0
1979	8[1]	2.6	133468	26.24	2878	1000	2.66	0.0	2.66	0.0
1980	10[1]	3.8	133468	37.07	2256	1000	3.95	0.0	3.95	0.0
The Canal Electric Co										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Carolina Power and Light										
1977	1442	100.0	139000	15.81	0	0	0.0	0.0	0.0	0.0
1978	1750	74.7	138001	16.33	4	1049	1.93	0.0	1.93	0.0
1979	366	100.0	138000	23.23	165	1075	2.46	0.0	2.46	0.0
1980	338	100.0	137947	33.63	612	1033	2.88	0.0	2.88	0.0
Cedar Falls Utilities										
1977	0	0.0	0	0.0	334	1000	1.36	1.21	1.21	99.6
1978	0	0.0	0	0.0	43	1000	0.0	1.52	1.52	100.0
1979	0	0.0	0	0.0	99	1000	0.0	1.84	1.84	100.0
1980	0	0.0	0	0.0	36	985	0.0	2.37	2.37	100.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
Central Elec Power Coop-Missouri										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Central Hudson Gas and Electric										
1977	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
1979	0	0.0	0	0.0	2642	1012	2.04	0.0	2.04	0.0
1980	0	0.0	0	0.0	3413	1014	2.64	0.0	2.64	0.0
Central Illinois Light										
1977	0	0.0	0	0.0	465	995	0.0	1.10	1.10	100.0
1978	0	0.0	0	0.0	509	1000	0.0	1.25	1.25	100.0
1979	0	0.0	0	0.0	468	1000	0.0	1.70	1.70	100.0
1980	0	0.0	0	0.0	649	982	0.0	2.43	2.43	100.0
Central Illinois Public Service										
1977	141	27.9	137001	15.92	0	0	0.0	0.0	0.0	0.0
1978	149	20.3	136861	16.02	0	0	0.0	0.0	0.0	0.0
1979	7	1.8	137274	26.98	0	0	0.0	0.0	0.0	0.0
1980	1	0.8	136834	36.19	0	0	0.0	0.0	0.0	0.0
The Central Kansas Power Co										
1977	0	0.0	0	0.0	2210	935	0.62	0.0	0.62	0.0
1978	0	0.0	0	0.0	1998	935	0.78	0.0	0.78	0.0
1979	0	0.0	0	0.0	3213	936	1.00	0.0	1.00	0.0
1980	0	0.0	0	0.0	1080	936	1.29	0.0	1.29	0.0
Central Louisiana Electric										
1977	12	2.1	132846	14.46	49046	1070	1.68	1.70	1.68	5.7
1978	69	100.0	137540	14.86	55036	1063	2.08	1.86	2.07	3.8
1979	0	0.0	0	0.0	62819	1046	2.39	2.25	2.39	3.3
1980	0	0.0	0	0.0	59880	1045	2.91	2.67	2.91	3.0
Central Maine Power										
1977	6[1]	0.5	131556	16.78	0	0	0.0	0.0	0.0	0.0
1978	40	2.2	140000	17.41	0	0	0.0	0.0	0.0	0.0
1979	19[1]	0.8	134406	26.84	0	0	0.0	0.0	0.0	0.0
1980	26[1]	0.8	130861	35.00	0	0	0.0	0.0	0.0	0.0
Central Neb Pub Pwr and Ir Dept										
1977	0	0.0	0	0.0	5231	948	0.89	0.0	0.89	0.0
1978	0	0.0	0	0.0	3352	943	1.05	0.0	1.05	0.0
1979	0	0.0	0	0.0	5106	933	1.33	0.0	1.33	0.0
1980	0	0.0	0	0.0	5023	939	1.70	0.0	1.70	0.0
Central Power and Light (CSW)										
1977	12	6.8	140000	8.47	114262	1049	0.0	2.05	2.05	100.0
1978	122	5.2	145888	14.70	109003	1049	2.06	2.20	2.20	100.0
1979	25	42.5	147300	16.58	124829	1052	0.0	2.31	2.31	100.0
1980	0	0.0	0	0.0	122087	1049	0.0	2.67	2.67	100.0
Central Tele and Util Corp-Col										
1977	7	100.0	142000	15.54	3412	894	0.93	1.10	0.96	17.8
1978	93	100.0	142000	16.47	2880	879	1.13	1.28	1.15	14.6
1979	31	100.0	142000	24.13	2058	851	1.58	0.0	1.58	0.0
1980	3	100.0	142000	36.64	1593	855	2.34	0.0	2.34	0.0
Central Tele and Util Corp-Kan										
1977	43	6.8	137356	15.18	15753	952	0.98	1.10	1.02	34.9
1978	26	4.0	137310	15.24	14416	953	1.16	1.25	1.19	38.6
1979	0	0.0	0	0.0	13801	952	1.35	1.58	1.44	38.6
1980	0	0.0	0	0.0	12783	955	1.99	1.79	1.84	73.8
Central Vt Public Service Corp										
1979	7	100.0	141496	24.98	0	0	0.0	0.0	0.0	0.0
1980	5	100.0	143219	34.15	0	0	0.0	0.0	0.0	0.0
Chugach Electric Association										
1977	0	0.0	0	0.0	8112	1006	0.0	0.34	0.34	100.0
1978	0	0.0	0	0.0	16735	1006	0.0	0.36	0.36	100.0
1979	0	0.0	0	0.0	14152	1006	0.0	1.11	1.11	100.0
1980	0	0.0	0	0.0	20120	1006	0.0	0.37	0.37	100.0
Cincinnati Gas and Electric Co										
1977	1700[1]	100.0	136887	15.92	0	0	0.0	0.0	0.0	0.0
1978	1487[1]	100.0	137021	16.34	0	0	0.0	0.0	0.0	0.0
1979	776	100.0	138089	21.76	227	1021	0.0	2.30	2.30	100.0
1980	594	100.0	138720	32.32	635	1013	0.0	3.03	3.03	100.0
Cleveland Electric Illum Co										
1977	276	14.7	138223	15.63	0	0	0.0	0.0	0.0	0.0
1978	298	13.9	137358	16.61	0	0	0.0	0.0	0.0	0.0
1979	135	8.7	137596	23.72	0	0	0.0	0.0	0.0	0.0
1980	111	22.7	137972	34.88	0	0	0.0	0.0	0.0	0.0
Cleveland, City of										
1977	31	100.0	138000	16.42	0	0	0.0	0.0	0.0	0.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
1978	9	100.0	138000	17.40	0	0	0.0	0.0	0.0	0.0
1979	5	100.0	140000	22.95	0	0	0.0	0.0	0.0	0.0
1980	4	100.0	140000	35.11	0	0	0.0	0.0	0.0	0.0
Coffeyville Muni Lt and Wtr Dept										
1977	0	0.0	0	0.0	2880	1000	1.03	0.0	1.03	0.0
1978	0	0.0	0	0.0	2121	1000	1.01	0.0	1.01	0.0
1979	0	0.0	0	0.0	1563	1000	1.28	0.0	1.28	0.0
1980	0	0.0	0	0.0	1569	1000	1.94	0.0	1.94	0.0
Colorado Springs Dept Pub Utils										
1977	0	100.0	140300	16.33	3823	985	1.20	1.18	1.20	17.8
1978	1	100.0	140300	17.17	2710	992	1.46	1.46	1.46	16.1
1979	21	61.4	139297	26.96	2288	987	1.95	1.95	1.95	18.4
1980	24	100.0	138288	38.02	454	991	2.86	2.80	2.83	45.6
Colorado-Ute Electric Assn										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	5	100.0	137855	36.86	0	0	0.0	0.0	0.0	0.0
Columbia Water and Light										
1977	31	100.0	140000	15.22	0	0	0.0	0.0	0.0	0.0
1978	12	100.0	140000	15.07	35	1000	3.03	0.0	3.03	0.0
1979	0	0.0	0	0.0	345	1000	1.98	0.0	1.98	0.0
1980	0	0.0	0	0.0	558	1000	2.40	0.0	2.40	0.0
Columbus and Southern Ohio Elec										
1977	311	100.0	136835	14.95	221	1030	1.83	0.0	1.83	0.0
1978	522	100.0	136423	16.57	43	1030	2.29	0.0	2.29	0.0
1979	158	100.0	135141	23.81	373	1031	2.47	0.0	2.47	0.0
1980	67	100.0	136589	34.09	992	1030	2.98	0.0	2.98	0.0
Columbus Div of Electricity										
1977	10	100.0	138713	16.05	130	1020	1.79	0.0	1.79	0.0
1978	17	100.0	138713	16.58	1	1020	2.25	0.0	2.25	0.0
1979	1	100.0	138713	21.65	0	0	0.0	0.0	0.0	0.0
Commonwealth Edison										
1977	3947[1]	36.4	137581	16.41	4332	1030	0.0	2.13	2.13	100.0
1978	4239[1]	29.9	137492	16.76	13774	1028	0.0	3.12	3.12	100.0
1979	1268[1]	10.1	137717	26.91	21812	1019	0.0	2.86	2.86	100.0
1980	579[1]	4.4	152545	41.65	10454	1026	2.49	3.63	3.63	99.7
Community Pub Serv-New Mexico										
1977	6	2.8	140600	16.35	929	1064	0.0	1.22	1.22	100.0
1978	0	0.0	0	0.0	842	1062	0.0	1.48	1.48	100.0
1979	0	0.0	0	0.0	788	1057	0.0	2.05	2.05	100.0
1980	0	0.0	0	0.0	1303	1059	0.0	2.50	2.50	100.0
Connecticut Lt and Pwr Co(NU)										
1977	47[1]	0.7	136650	10.97	0	0	0.0	0.0	0.0	0.0
1978	53[1]	0.8	137287	9.56	0	0	0.0	0.0	0.0	0.0
1979	104[1]	1.6	136274	22.83	0	0	0.0	0.0	0.0	0.0
1980	15	0.2	136325	34.57	0	0	0.0	0.0	0.0	0.0
Consolidated Edison Co of NY										
1977	1886[1]	5.8	135933	15.51	985	1027	1.31	0.0	1.31	0.0
1978	1031[1]	3.4	135632	15.50	948	1029	1.52	0.0	1.52	0.0
1979	725[1]	3.8	136341	24.48	47868	1031	2.31	0.0	2.31	0.0
1980	140	0.8	137570	29.99	77151	1039	2.59	3.07	2.72	27.0
Consumers Power										
1977	251[1]	3.8	139944	16.19	6062	1000	1.65	2.06	1.91	62.6
1978	71[1]	0.6	137884	16.33	8647	1000	1.81	2.16	2.09	77.5
1979	7[1]	0.1	134000	30.24	4082	1000	2.27	2.44	2.40	76.0
1980	10	0.2	139000	34.77	6169	1000	3.13	2.58	2.64	88.9
Cooperative Power Association										
1979	1	100.0	139000	4.51	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Corn Belt Power Coop										
1977	0	0.0	0	0.0	11	1000	1.32	0.0	1.32	0.0
1978	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
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Crawfordsville Elec Lt and Pwr										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Dairyland Power Cooperative										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Dallas Pwr and Lt (Texas Utils)										

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
1977	81	45.5	137571	13.54	85059	1041	0.0	1.75	1.75	100.0
1978	57	54.4	137524	14.49	72074	1028	0.0	1.92	1.92	100.0
1979	2	1.2	137524	32.18	61348	1037	0.0	2.11	2.11	100.0
1980	0	0.0	0	0.0	66419	1036	0.0	2.45	2.45	100.0
Danville Water Gas and Electric										
1977	3	100.0	134000	17.30	62	1040	1.57	0.0	1.57	0.0
1978	3	100.0	134000	17.01	234	1040	2.27	0.0	2.27	0.0
1979	0	100.0	134000	17.01	522	1040	2.24	0.0	2.24	0.0
1980	0	0.0	0	0.0	2	1040	2.37	0.0	2.37	0.0
The Dayton Power and Light Co										
1977	504	100.0	135923	16.21	0	0	0.0	0.0	0.0	0.0
1978	659	100.0	135926	16.20	0	0	0.0	0.0	0.0	0.0
1979	238	100.0	136143	23.66	302	1010	2.59	0.0	2.59	0.0
1980	270	100.0	137605	32.96	1352	1010	3.02	0.0	3.02	0.0
Delmarva Power and Light										
1977	459	6.0	138737	14.60	220[1]	1179	1.96	0.0	1.96	0.0
1978	738	8.6	138540	14.44	414[1]	1087	1.72	1.84	1.81	75.4
1979	194	2.5	138474	23.32	2968[1]	1047	2.88	0.0	2.88	0.0
1980	239	3.8	138328	35.24	4703[1]	1044	3.58	0.0	3.58	0.0
Denton, City of										
1977	134	100.0	139680	15.90	4420	1069	1.70	0.0	1.70	0.0
1978	31	100.0	139680	8.65	3690	1066	2.32	0.0	2.32	0.0
1979	274	100.0	139852	38.52	3134	1068	2.19	0.0	2.19	0.0
1980	38	100.0	139860	37.08	4234	1063	2.51	0.0	2.51	0.0
Detroit Public Lighting Comm										
1977	148	11.7	138166	16.54	0	0	0.0	0.0	0.0	0.0
1978	65	6.1	140540	17.71	0	0	0.0	0.0	0.0	0.0
1979	31	3.5	139256	34.81	0	0	0.0	0.0	0.0	0.0
1980	19	3.9	138972	37.75	0	0	0.0	0.0	0.0	0.0
The Detroit Edison Co										
1977	2086	24.1	137220	15.08	22448[1]	581	0.13	2.00	1.12	53.1
1978	1906	24.2	137146	16.02	19816[1]	634	0.10	2.21	1.34	58.7
1979	1133	19.2	137159	23.20	25703[1]	589	0.12	2.49	1.40	54.0
1980	483	15.1	137863	35.04	14706[1]	601	0.14	2.91	1.67	55.4
Dover, City of										
1977	6	0.7	136175	17.24	227	1030	2.11	0.0	2.11	0.0
1978	5	0.6	137926	17.85	172	1029	2.28	0.0	2.28	0.0
1979	2	0.3	137626	22.01	1158	1032	3.02	2.76	2.94	31.3
1980	0	0.0	0	0.0	1682	1036	3.81	3.66	3.71	66.7
Duke Power										
1977	1026	100.0	138179	15.93	0	1033	4.26	6.15	4.29	1.6
1978	1157	100.0	138124	16.34	1057	1048	1.82	0.0	1.82	0.0
1979	211	100.0	137962	23.11	149	1030	3.45	0.0	3.45	0.0
1980	223	100.0	137911	34.47	2899	1033	2.94	2.84	2.94	0.1
Duquesne Light										
1977	945	100.0	137410	16.57	0	0	0.0	0.0	0.0	0.0
1978	1315	100.0	137119	16.26	0	0	0.0	0.0	0.0	0.0
1979	446	100.0	137686	24.15	0	0	0.0	0.0	0.0	0.0
1980	425	100.0	136965	34.01	0	0	0.0	0.0	0.0	0.0
East Kentucky Rural Elec Coop										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Eastern Iowa Light and Power										
1977	0	0.0	0	0.0	326	1026	1.22	0.0	1.22	0.0
1978	0	0.0	0	0.0	277	1026	1.53	0.0	1.53	0.0
1979	0	0.0	0	0.0	7	1027	2.03	0.0	2.03	0.0
1980	0	0.0	0	0.0	9	1026	2.59	0.0	2.59	0.0
Easton Util Comm										
1977	81	100.0	137502	15.37	14	936	2.04	0.0	2.04	0.0
1978	98	100.0	137311	15.93	35	1029	2.26	0.0	2.26	0.0
1979	52	100.0	137730	22.56	356	1032	2.71	2.29	2.61	25.4
1980	49	100.0	136884	32.23	444	1035	3.63	0.0	3.63	0.0
El Paso Electric										
1977	0	0.0	0	0.0	25451	1027	1.18	2.08	1.87	75.9
1978	0	0.0	0	0.0	32342	1033	1.44	2.26	1.97	65.0
1979	17	3.5	139756	23.93	24512	1026	1.94	2.25	2.17	75.7
1980	0	0.0	0	0.0	32729	1028	2.36	2.71	2.58	63.9
Electric Energy										
1977	14	100.0	136716	15.15	0	0	0.0	0.0	0.0	0.0
1978	21	100.0	135609	15.57	0	0	0.0	0.0	0.0	0.0
1979	20	100.0	138280	28.51	0	0	0.0	0.0	0.0	0.0
1980	17	100.0	136672	34.47	0	0	0.0	0.0	0.0	0.0
Empire Dist Electric										

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
1977	15[1]	23.0	139998	15.43	1984	1027	1.03	0.0	1.03	0.0
1978	135	83.1	141000	14.80	2345	1025	1.13	0.0	1.13	0.0
1979	0	0.0	0	0.0	2490	1015	1.50	0.0	1.50	0.0
1980	0	0.0	0	0.0	1874	1026	2.00	0.0	2.00	0.0
Farmington Electric Utilities										
1977	0	0.0	0	0.0	1233	1121	0.0	0.95	0.95	100.0
1978	0	0.0	0	0.0	1468	1079	0.0	1.30	1.30	100.0
1979	0	0.0	0	0.0	1536	1055	0.0	1.41	1.41	100.0
1980	0	0.0	0	0.0	1217	1072	0.0	1.83	1.83	100.0
Fitchburg Gas and Electric										
1977	8	81.1	135472	15.59	12	1018	1.88	0.0	1.88	0.0
1978	13	100.0	138602	16.62	0	0	0.0	0.0	0.0	0.0
1979	4	100.0	137569	29.49	0	0	0.0	0.0	0.0	0.0
1980	15	100.0	138354	30.15	0	0	0.0	0.0	0.0	0.0
Florida Power and Light										
1977	1718	5.3	138470	14.79	86976	998	0.0	0.67	0.67	100.0
1978	1941	5.1	139231	15.28	90325	1000	0.0	0.82	0.82	100.0
1979	1208	3.1	137533	36.95	91248	1000	0.0	0.97	0.97	100.0
1980	879	2.2	138493	33.39	91312	1000	0.0	1.10	1.10	100.0
Florida Power Corp										
1977	1724	10.7	138171	15.20	16969	1022	0.0	1.66	1.66	100.0
1978	2170	13.7	138422	15.67	19741	1024	1.97	1.67	1.70	88.8
1979	1477	10.4	137624	22.95	15808	1024	2.44	1.89	2.19	44.5
1980	1710	11.2	136701	32.97	9510	1027	2.98	0.0	2.98	0.0
Fort Pierce, City of										
1977	1	0.3	137600	15.81	1227	1025	0.95	0.0	0.95	0.0
1978	1	0.3	137000	15.89	1810	1029	1.10	0.0	1.10	0.0
1979	1	0.7	136617	32.98	2926	1028	1.51	0.0	1.51	0.0
1980	1	100.0	137529	35.95	3136	1029	1.96	0.0	1.96	0.0
Frankfort Light and Power Dept										
1977	2[1]	100.0	138800	15.98	0	0	0.0	0.0	0.0	0.0
Fremont Dept of Public Utilities										
1977	18[1]	100.0	92000	13.58	346	1000	1.17	1.33	1.19	11.9
1978	18[1]	100.0	92000	12.13	141	1000	1.43	1.59	1.57	89.9
1979	6[1]	100.0	92000	9.91	110	1000	1.86	2.03	2.03	98.7
1980	0[1]	100.0	92000	18.95	94	1000	2.10	2.36	2.35	96.0
Gainesville-Alachua County Utils										
1977	19	2.6	137693	15.75	3069	1027	0.93	1.89	0.93	0.0
1978	5	0.9	137300	15.97	4876	1030	1.08	1.93	1.08	0.0
1979	1	0.3	137682	32.84	7282	1028	1.52	0.0	1.52	0.0
1980	2	0.6	139607	36.19	8015	1029	1.99	0.0	1.99	0.0
Garland Municipal Pwr and Lt										
1977	17	65.9	138693	14.56	12611	1027	1.67	0.0	1.67	0.0
1978	0	0.0	0	0.0	14289	1034	1.92	0.0	1.92	0.0
1979	0	0.0	0	0.0	14192	1046	2.12	0.0	2.12	0.0
1980	0	0.0	0	0.0	16024	1033	2.39	0.0	2.39	0.0
Georgia Power (Southern Co)										
1977	4155	81.4	135997	15.89	5147	1026	1.19	0.0	1.19	0.0
1978	2219	73.3	135999	16.24	3693	1025	1.61	0.0	1.61	0.0
1979	498	62.4	135052	21.85	736	1029	2.17	0.0	2.17	0.0
1980	305	95.1	137890	36.08	2281	1029	2.38	0.0	2.38	0.0
Glendale Public Service Dept										
1977	343	33.1	139398	15.88	1224	1069	1.93	0.0	1.93	0.0
1978	308	79.0	139535	15.40	1317	1086	2.18	0.0	2.18	0.0
1979	224	36.6	142192	27.61	1872	1079	2.62	0.0	2.62	0.0
1980	33[1]	14.8	139240	43.08	4953	1056	3.51	0.0	3.51	0.0
Grand Island Utilities										
1977	1	1.0	141000	15.54	1908	949	0.88	0.0	0.88	0.0
1978	1	0.5	141000	16.26	2401	942	1.04	0.0	1.04	0.0
1979	0	0.1	141000	37.76	2568	943	1.36	0.0	1.36	0.0
1980	11	21.4	141000	32.98	2515	941	1.71	0.0	1.71	0.0
Grand River Dam Authority										
1977	0	0.0	0	0.0	5181	1025	1.41	0.0	1.41	0.0
1978	0	0.0	0	0.0	5509	1000	1.59	0.0	1.59	0.0
1979	0	0.0	0	0.0	1596	1000	1.76	0.0	1.76	0.0
Green Mountain Power Corp										
1977	12[1]	100.0	134470	18.19	0	0	0.0	0.0	0.0	0.0
1979	4[1]	100.0	134470	39.39	0	0	0.0	0.0	0.0	0.0
1980	18[1]	100.0	134470	38.79	0	0	0.0	0.0	0.0	0.0
Greenville Electric Dept										
1977	24	100.0	138000	14.14	2205	1030	1.65	0.0	1.65	0.0
1978	198	100.0	138000	17.61	2596	1040	1.96	0.0	1.96	0.0
1979	9	100.0	138000	15.71	2322	1046	2.13	0.0	2.13	0.0
1980	0	0.0	0	0.0	2923	1045	2.42	0.0	2.42	0.0
Greenwood Utils										

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
1977	30	100.0	139144	16.12	0	0	0.0	0.0	0.0	0.0
1978	9	73.2	139000	15.48	22	1000	1.90	0.0	1.90	0.0
1979	0	0.0	0	0.0	311	1000	2.01	0.0	2.01	0.0
1980	0	0.0	0	0.0	188	998	2.55	0.0	2.55	0.0
Gulf Power										
1977	110	50.4	140500	15.05	6179	1265	2.32	0.71	1.63	42.9
1978	48	22.3	140500	15.65	6728	1293	2.33	1.52	2.04	35.5
1979	2	30.1	140500	28.60	5979	1212	2.13	1.77	2.00	36.2
1980	17	100.0	140500	34.25	3819	1089	2.54	2.04	2.30	48.4
Gulf States Utilities										
1977	2300	18.9	141832	14.27	200296	1037	2.00	0.42	0.59	89.3
1978	1472	12.1	142643	13.95	211922	1048	2.32	0.63	0.77	91.9
1979	87	1.2	146277	19.43	221483	1047	2.57	1.12	1.16	97.0
1980	240	22.6	148340	22.16	273277	1039	3.46	1.21	1.22	99.4
Hamilton, City of										
1977	255	100.0	137007	15.22	621	1000	1.17	0.0	1.17	0.0
1978	57	100.0	137000	16.06	465	1000	1.21	0.0	1.21	0.0
1979	5	100.0	137460	25.06	863	1000	1.70	1.66	1.70	4.6
1980	1	100.0	137000	38.39	413	1000	2.75	0.0	2.75	0.0
The Hartford Elec Light Co(NU)										
1977	25[1]	0.6	134173	16.10	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
1979	91[1]	2.5	133747	24.52	0	0	0.0	0.0	0.0	0.0
1980	51[1]	1.0	133098	34.33	0	0	0.0	0.0	0.0	0.0
Hastings Utilities										
1977	0	0.0	0	0.0	1412	940	0.89	0.0	0.89	0.0
1978	5	3.7	148000	14.83	1415	940	1.02	0.0	1.02	0.0
1979	2	3.6	148000	15.76	1541	940	1.34	0.0	1.34	0.0
1980	0	0.0	0	0.0	1699	940	1.72	0.0	1.72	0.0
Hawaiian Electric										
1977	19	0.2	135630	15.45	0	0	0.0	0.0	0.0	0.0
1978	50	0.5	136635	15.88	0	0	0.0	0.0	0.0	0.0
1979	15	0.2	139295	27.15	0	0	0.0	0.0	0.0	0.0
1980	74	0.8	134552	33.84	0	0	0.0	0.0	0.0	0.0
Henderson Municipal Pwr and Lt										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Hawaii Electric Light Co										
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Holland Board of Public Wks										
1977	23	100.0	138000	16.14	2	1030	1.65	0.0	1.65	0.0
1978	1	100.0	138000	16.52	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
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Holyoke Gas and Electric										
1977	0	0.0	0	0.0	111	1000	2.00	0.0	2.00	0.0
1978	0	0.0	0	0.0	111	1000	2.00	0.0	2.00	0.0
1979	0	0.0	0	0.0	233	1000	2.30	0.0	2.30	0.0
1980	0	0.0	0	0.0	256	1000	2.46	0.0	2.46	0.0
Holyoke Water Power (NU)										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Hoosier Energy Div-Indiana Rec										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Houston Lighting and Power										
1977	0	0.0	0	0.0	469439	1033	0.0	1.09	1.09	100.0
1978	0	0.0	0	0.0	532019	1044	0.0	1.34	1.34	100.0
1979	46	4.0	139622	11.00	469151	1050	0.0	1.75	1.75	100.0
1980	304	38.1	138936	11.14	459392	1052	0.0	2.15	2.15	100.0
Idaho Power Co										
1977	3	100.0	137104	16.62	676	1056	2.04	0.0	2.04	0.0
1978	3	100.0	137434	18.69	42	1048	2.23	0.0	2.23	0.0
1979	0	100.0	136511	19.27	455	1042	2.94	0.0	2.94	0.0
1980	0	0.0	0	0.0	48	1037	3.90	0.0	3.90	0.0
Illinois Power										
1977	654	33.0	138000	15.89	235	1027	1.49	0.0	1.49	0.0
1978	646	34.0	138000	16.43	0	0	0.0	0.0	0.0	0.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
1979	677	57.6	138000	24.73	847	1036	2.42	0.0	2.42	0.0
1980	25	7.4	138000	37.17	2161	1036	2.71	0.0	2.71	0.0
Imperial Irrigation District										
1977	82	6.9	141000	16.68	1587	1049	2.08	0.0	2.08	0.0
1978	13	1.1	141000	16.43	507	1051	2.12	0.0	2.12	0.0
1979	25	2.6	141000	30.45	2760	1046	2.51	0.0	2.51	0.0
1980	5	2.1	141000	35.95	2970	1044	3.53	0.0	3.53	0.0
City of Independence Pwr and Lt										
1977	242	100.0	138263	15.71	4685	988	1.05	0.0	1.05	0.0
1978	254	100.0	136900	15.31	4749	980	1.06	0.0	1.06	0.0
1979	100	100.0	137266	22.75	3000	983	1.37	0.0	1.37	0.0
1980	56	100.0	137290	34.93	1903	1002	2.00	0.0	2.00	0.0
Indianapolis Power and Light										
1977	390	100.0	135596	15.64	0	0	0.0	0.0	0.0	0.0
1978	1072	100.0	135469	15.89	0	0	0.0	0.0	0.0	0.0
1979	180	100.0	136021	24.81	0	0	0.0	0.0	0.0	0.0
1980	120	100.0	136816	35.21	0	0	0.0	0.0	0.0	0.0
Interstate Power										
1977	200	35.4	139999	16.12	846	992	1.20	0.0	1.20	0.0
1978	116	26.0	140000	16.21	21	986	1.34	2.55	1.73	32.2
1979	144	40.4	140000	21.35	3125	985	1.73	0.0	1.73	0.0
1980	46	95.8	140000	35.16	1703	991	1.94	0.0	1.94	0.0
Iowa Electric Light and Power										
1977	1	100.0	138674	12.81	5690	1013	1.35	1.27	1.34	15.7
1978	2	100.0	138500	16.87	3493	1022	1.72	0.0	1.72	0.0
1979	10	100.0	138511	30.21	3118	1024	2.23	0.0	2.23	0.0
1980	13	100.0	138500	39.24	1259	1019	2.91	0.0	2.91	0.0
Iowa-Illinois Gas and Electric										
1977	237	100.0	137584	15.54	5962	1025	1.30	1.93	1.37	12.1
1978	217	100.0	137026	16.11	4890	1025	1.55	2.18	1.72	27.4
1979	113	100.0	137568	23.41	3589	1029	2.10	2.58	2.22	23.5
1980	0	0.0	0	0.0	3197	1027	2.59	3.06	2.64	10.1
Iowa Power and Light										
1977	112	100.0	135000	15.10	474	989	1.27	0.0	1.27	0.0
1978	189	100.0	136000	15.57	166	982	1.54	0.0	1.54	0.0
1979	1001	100.0	136000	18.51	547	986	1.83	0.0	1.83	0.0
1980	36	100.0	136000	33.33	749	987	2.20	0.0	2.20	0.0
Iowa Public Service										
1977	177	100.0	140000	15.11	2045	1000	4.00	1.11	1.23	96.1
1978	159	100.0	140000	15.15	400	1000	3.33	1.36	1.60	87.8
1979	308	100.0	140000	21.83	955	1000	0.0	1.82	1.82	100.0
1980	11	100.0	140000	35.99	1686	994	0.0	1.98	1.98	100.0
Iowa Southern Utilities										
1977	56	100.0	137881	15.62	0	0	0.0	0.0	0.0	0.0
1978	56	100.0	137881	15.73	0	0	0.0	0.0	0.0	0.0
1979	64	100.0	137881	31.13	0	0	0.0	0.0	0.0	0.0
1980	20	100.0	137881	34.74	0	0	0.0	0.0	0.0	0.0
Jacksonville Electric Authority										
1977	905	8.4	137246	15.08	0	0	0.0	0.0	0.0	0.0
1978	323	3.1	137480	15.49	0	0	0.0	0.0	0.0	0.0
1979	358	3.6	138764	31.33	0	0	0.0	0.0	0.0	0.0
1980	145	1.6	136950	33.24	0	0	0.0	0.0	0.0	0.0
Jamestown Bd of Public Utilities										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Jonesboro Water and Light Plant										
1977	0	0.0	0	0.0	3	1012	1.16	0.0	1.16	0.0
1978	0	0.0	0	0.0	2	1013	1.51	1.92	1.52	3.1
1979	0	0.0	0	0.0	113	1014	1.81	0.0	1.81	0.0
1980	0	0.0	0	0.0	89	1014	2.25	0.0	2.25	0.0
Kansas City Bd Public Utilities										
1977	76	100.0	137990	15.13	9756	971	1.06	0.0	1.06	0.0
1978	121	100.0	138000	15.44	10521	965	1.12	0.0	1.12	0.0
1979	36	100.0	138000	32.95	6424	971	1.42	0.0	1.42	0.0
1980	27	100.0	138000	33.92	5329	1003	2.21	0.0	2.21	0.0
Kansas City Power and Light										
1977	1065	100.0	138100	15.36	8425	950	1.12	0.0	1.12	0.0
1978	1006	100.0	138066	15.45	6489	950	1.11	0.0	1.11	0.0
1979	403	100.0	138066	21.42	7478	950	1.45	0.0	1.45	0.0
1980	231	100.0	137814	34.59	6432	950	2.16	0.0	2.16	0.0
Kansas Gas and Electric										
1977	0	0.0	0	0.0	38969	979	0.94	0.0	0.94	0.0
1978	0	0.0	0	0.0	38071	966	1.14	0.0	1.14	0.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
1979	0	0.0	0	0.0	43973	964	1.36	0.0	1.36	0.0
1980	0	0.0	0	0.0	42697	959	1.62	0.0	1.62	0.0
The Kansas Power and Light Co										
1977	553	30.2	138311	14.72	36489	1011	1.05	0.0	1.05	0.0
1978	541	35.2	138370	15.22	26688	1007	1.26	0.0	1.26	0.0
1979	239	28.4	138348	19.97	19917	1000	1.33	0.0	1.33	0.0
1980	0	0.0	0	0.0	13167	1013	1.58	0.0	1.58	0.0
Kentucky Utilities										
1977	96	100.0	140000	15.90	95	1000	1.79	0.0	1.79	0.0
1978	38	100.0	140000	16.19	17	1000	2.08	0.0	2.08	0.0
1979	5	100.0	140000	20.75	16	1000	2.31	0.0	2.31	0.0
1980	3	100.0	140000	33.42	5	1000	3.07	0.0	3.07	0.0
Utilities Board City of Key West										
1977	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1978	6	0.7	135912	18.24	0	0	0.0	0.0	0.0	0.0
1979	103	14.1	135418	26.38	0	0	0.0	0.0	0.0	0.0
1980	22	3.0	142914	28.11	0	0	0.0	0.0	0.0	0.0
City of Lafayette Util System										
1977	43	100.0	134516	7.70	13787	1082	0.0	1.54	1.54	100.0
1978	6	100.0	135412	8.94	16884	1091	0.0	2.10	2.10	100.0
1979	0	0.0	0	0.0	16245	1064	0.0	2.31	2.31	100.0
1980	7	10.9	137259	34.50	14624	1058	0.0	2.77	2.77	100.0
Lake Superior Dist Power										
1977	7	26.8	133807	16.00	259	993	1.09	0.0	1.09	0.0
1978	0	0.0	0	0.0	159	988	1.32	0.0	1.32	0.0
1979	0	0.0	0	0.0	370	986	1.66	0.0	1.66	0.0
1980	0	0.0	0	0.0	142	992	1.84	0.0	1.84	0.0
Lake Worth Utilities										
1977	12	14.7	140000	15.53	2601	1029	1.03	0.0	1.03	0.0
1978	21	35.7	140000	15.63	2632	1029	1.25	0.0	1.25	0.0
1979	40	41.3	140000	35.62	2615	1028	1.75	0.0	1.75	0.0
1980	0	0.0	0	0.0	3066	1029	2.42	0.0	2.42	0.0
Lakeland Dept of Elec Wtr Utils										
1977	10	0.7	137448	14.74	3362	1026	1.10	0.0	1.10	0.0
1978	5	0.4	137748	15.84	5149	1030	1.14	1.13	1.14	0.4
1979	7	0.6	137072	27.35	7314	1027	1.55	0.0	1.55	0.0
1980	34	2.9	137604	34.90	8326	1031	1.97	0.0	1.97	0.0
Lamar Utilities Board										
1977	0	0.0	0	0.0	1239	988	1.09	0.69	0.86	57.8
1978	0	0.0	0	0.0	1197	967	1.52	1.07	1.19	74.2
1979	0	0.0	0	0.0	1235	957	1.44	1.10	1.22	64.2
1980	0	0.0	0	0.0	1187	968	1.65	1.15	1.37	55.8
Lansing Board of Water and Light										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Lea County Electric Coop										
1977	0	0.0	0	0.0	4130	1107	1.36	0.0	1.36	0.0
1978	0	0.0	0	0.0	3208	1070	1.87	0.0	1.87	0.0
1979	0	0.0	0	0.0	2393	1111	2.25	0.0	2.25	0.0
1980	0	0.0	0	0.0	2360	1107	2.74	0.0	2.74	0.0
Lincoln Electric System										
1977	75	83.8	137566	14.64	19	993	1.22	0.0	1.22	0.0
1978	30	90.6	137000	14.51	3	987	1.58	0.0	1.58	0.0
1979	1	17.4	138000	31.88	29	991	2.35	0.0	2.35	0.0
1980	0	0.0	0	0.0	22	997	2.22	0.0	2.22	0.0
Logansport Indiana Electric Dept										
1977	66[1]	100.0	135442	15.35	0	0	0.0	0.0	0.0	0.0
1978	44	100.0	138000	16.12	0	0	0.0	0.0	0.0	0.0
1979	9	100.0	138000	23.95	0	0	0.0	0.0	0.0	0.0
1980	10	100.0	136293	33.90	0	0	0.0	0.0	0.0	0.0
Long Island Lighting										
1977	918	4.5	137845	15.54	1920	1029	1.52	0.0	1.52	0.0
1978	548	2.7	138206	15.78	7	1030	1.54	0.0	1.54	0.0
1979	295	1.7	137376	26.18	10806	1030	2.95	0.0	2.95	0.0
1980	204	1.4	138581	34.31	20360	1035	3.15	0.0	3.15	0.0
Los Angeles Dept of Wtr and Pwr										
1977	0	0.0	0	0.0	20721	1049	1.94	1.65	1.94	0.3
1978	0	0.0	0	0.0	33463	1054	2.13	0.0	2.13	0.0
1979	42	0.3	141911	30.99	30710	1050	2.49	0.0	2.49	0.0
1980	52	0.6	142816	40.64	48312	1050	3.55	0.0	3.55	0.0
Louisiana Power and Light (MSU)										
1977	668	9.9	137692	14.54	156353	1043	0.0	0.39	0.39	100.0
1978	1785	20.7	138727	14.84	163540	1044	0.0	0.46	0.46	100.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
1979	1299	21.0	139008	15.54	153052	1041	0.0	0.62	0.62	100.0
1980	1063	19.5	146239	26.86	137417	1039	0.0	1.26	1.26	100.0
Louisville Gas and Electric										
1977	14	100.0	140000	17.26	579	1025	0.97	0.0	0.97	0.0
1978	40	100.0	140000	16.29	2144	1025	1.05	0.0	1.05	0.0
1979	36	100.0	140000	27.47	881	1025	1.68	1.57	1.67	8.0
1980	62	100.0	140000	35.98	1804	1025	2.18	0.0	2.18	0.0
Lower Colorado River Authority										
1977	71	100.0	140811	14.32	28424	1007	0.0	1.98	1.98	100.0
1978	0	0.0	0	0.0	36443	1019	0.0	2.15	2.15	100.0
1979	75	100.0	141000	23.20	28417	1035	0.0	2.30	2.30	100.0
1980	53	100.0	141000	34.32	18791	1006	0.0	2.61	2.61	100.0
Lubbock Power and Light Dept										
1977	35	100.0	138000	14.51	7408	1013	1.52	0.0	1.52	0.0
1978	41	100.0	138000	14.59	7877	1026	1.76	0.0	1.76	0.0
1979	29	100.0	137514	19.83	7947	1016	2.09	0.0	2.09	0.0
1980	0	0.0	0	0.0	8598	1036	2.55	0.0	2.55	0.0
Madison Gas and Electric										
1977	143	100.0	138000	15.82	568	1010	1.55	0.0	1.55	0.0
1978	228	100.0	137999	15.79	526	1004	1.88	0.0	1.88	0.0
1979	27	100.0	138000	25.72	2911	1006	2.15	0.0	2.15	0.0
1980	2	100.0	138000	34.60	2014	1000	2.88	0.0	2.88	0.0
Manitowoc Public Utilities										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Marquette Bd of Light and Power										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Marshall Municipal Utilities										
1977	0	0.0	0	0.0	714	1000	1.17	0.0	1.17	0.0
1978	0	0.0	0	0.0	807	1000	1.09	0.0	1.09	0.0
1979	0	0.0	0	0.0	994	1000	1.47	0.0	1.47	0.0
1980	0	0.0	0	0.0	1090	1000	2.11	0.0	2.11	0.0
Marshfield Elec and Wtr Dept										
1977	10	100.0	140000	16.30	266	1022	1.89	1.83	1.88	23.0
1978	1	100.0	140000	15.99	171	1016	2.02	0.0	2.02	0.0
1979	1	100.0	140000	17.91	131	1018	2.49	1.59	2.47	1.5
1980	0	0.0	0	0.0	96	1009	3.16	0.0	3.16	0.0
Maui Electric										
1977	266	34.3	137639	16.69	0	0	0.0	0.0	0.0	0.0
1978	305	37.9	136767	16.78	0	0	0.0	0.0	0.0	0.0
1979	246	33.9	139000	24.33	0	0	0.0	0.0	0.0	0.0
1980	329	40.5	139541	33.85	0	0	0.0	0.0	0.0	0.0
Mcpherson Bd of Public Utilities										
1977	156	82.8	129200	15.04	1786	950	1.01	0.0	1.01	0.0
1978	126	78.3	129200	14.73	2018	955	1.28	0.0	1.28	0.0
1979	6	19.2	129067	24.19	1537	965	1.32	0.0	1.32	0.0
1980	11	100.0	129200	24.63	616	976	1.58	0.0	1.58	0.0
Medina Electric Coop										
1977	0	0.0	0	0.0	4775	1101	0.0	2.26	2.26	100.0
1978	0	0.0	0	0.0	3414	1084	0.0	2.31	2.31	100.0
1979	0	0.0	0	0.0	2429	1069	0.0	2.44	2.44	100.0
1980	0	0.0	0	0.0	2302	1060	0.0	2.80	2.80	100.0
Menasha Elec and Wtr Utilities										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Michigan St University										
1977	0	0.0	0	0.0	26	1000	0.0	2.29	2.29	100.0
1978	0	0.0	0	0.0	318	1000	2.07	2.39	2.09	5.9
1979	0	0.0	0	0.0	110	1000	2.57	2.71	2.61	22.9
1980	0	0.0	0	0.0	59	1000	2.48	2.87	2.72	62.1
Minden, City of										
1977	6	100.0	138000	15.61	165	1000	1.70	0.0	1.70	0.0
1978	50	100.0	138000	15.67	96	1000	1.70	0.0	1.70	0.0
1979	39	100.0	138000	24.55	145	1000	2.06	0.0	2.06	0.0
1980	1	100.0	138000	34.55	444	1000	2.25	0.0	2.25	0.0
Minnesota Power and Light										
1977	4[1]	0.7	148135	8.40	49	1000	1.56	2.43	1.58	2.2
1978	3[1]	0.7	136213	8.40	20	1000	0.0	1.95	1.95	100.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
1979	2[1]	0.4	139008	9.71	23	1000	2.20	2.81	2.25	8.4
1980	0	0.0	0	0.0	3	1000	3.03	3.19	3.10	42.3
Minnkota Power Coop										
1977	14	100.0	140000	16.02	0	0	0.0	0.0	0.0	0.0
1978	36	100.0	140000	16.72	0	0	0.0	0.0	0.0	0.0
1979	50	100.0	140000	23.16	0	0	0.0	0.0	0.0	0.0
1980	52	100.0	140000	35.69	0	0	0.0	0.0	0.0	0.0
Mississippi Pwr and Lt (MSU)										
1977	48	0.4	139435	14.91	25704	1008	0.0	1.37	1.37	100.0
1978	271	1.8	139116	15.28	30840	997	0.0	1.43	1.43	100.0
1979	43	0.4	140152	18.83	48852	1001	0.0	1.73	1.73	100.0
1980	26	0.5	135340	27.76	79647	1014	0.0	2.13	2.13	100.0
Mississippi Power (Southern Co)										
1977	1479[1]	40.2	138428	14.80	9052	1056	0.0	1.22	1.22	100.0
1978	1156	31.5	139956	14.56	8172	1049	0.0	1.23	1.23	100.0
1979	157	46.8	142628	23.07	7986	1054	0.0	1.86	1.86	100.0
1980	19	37.5	137956	35.41	8948	1040	0.0	2.06	2.06	100.0
Missouri Power and Light										
1978	24	100.0	140000	15.36	0	0	0.0	0.0	0.0	0.0
1979	3	100.0	140000	29.51	0	0	0.0	0.0	0.0	0.0
1980	7	100.0	140000	24.18	0	0	0.0	0.0	0.0	0.0
Missouri Public Service										
1977	50	100.0	138062	14.88	1989	992	1.08	0.0	1.08	0.0
1978	141	100.0	137353	14.65	1261	976	1.17	0.0	1.17	0.0
1979	25	100.0	138119	40.83	1447	1006	1.44	0.0	1.44	0.0
1980	30	100.0	137335	33.32	1220	997	2.23	0.0	2.23	0.0
Monroe, City of										
1977	10	100.0	137000	15.13	5965	1001	0.0	2.05	2.05	100.0
1978	0	0.0	0	0.0	441	1000	0.0	2.20	2.20	100.0
Montana-Dakota Utilities										
1977	0	0.0	0	0.0	12	976	0.99	0.0	0.99	0.0
1978	0	0.0	0	0.0	22	962	1.06	0.0	1.06	0.0
1979	8	100.0	132000	22.08	6	984	1.63	0.0	1.63	0.0
1980	11	100.0	132000	27.77	8	976	1.88	0.0	1.88	0.0
The Montana Power Co										
1977	67[1]	35.6	91800	11.60	723	1177	1.45	0.55	0.79	73.4
1978	84[1]	100.0	91907	12.29	643	1152	0.0	0.81	0.81	100.0
1979	108[1]	100.0	99718	12.63	1744	1084	0.0	2.28	2.28	100.0
1980	41[1]	100.0	91800	18.28	4074	1049	0.0	4.06	4.06	100.0
Moorhead Public Service Dept										
1977	1	100.0	140000	16.51	0	0	0.0	0.0	0.0	0.0
1978	0	100.0	140000	19.58	0	0	0.0	0.0	0.0	0.0
1979	1	100.0	140000	25.09	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Muscatine Power and Water										
1977	0	0.0	0	0.0	53	1000	1.26	0.0	1.26	0.0
1978	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
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Natchitoches, City of										
1977	6	100.0	139453	17.08	1596	1002	1.62	0.0	1.62	0.0
1978	4	100.0	134939	15.96	1209	1017	2.04	0.0	2.04	0.0
1979	0	100.0	134980	21.50	924	1019	2.31	2.50	2.35	18.0
1980	0	0.0	0	0.0	1329	1000	2.85	0.0	2.85	0.0
Nebraska Public Power System										
1977	73	40.0	141923	15.29	2754	1025	1.03	0.0	1.03	0.0
1978	169	27.1	140918	16.43	2558	1039	1.14	0.0	1.14	0.0
1979	184	71.2	137991	23.77	1785	1033	1.47	0.0	1.47	0.0
1980	61	72.9	137638	36.83	836	1039	1.75	0.0	1.75	0.0
Nevada Power										
1977	52	46.0	139320	14.77	9164	1080	0.0	1.51	1.51	100.0
1978	35	86.1	139320	15.04	15413	1082	0.0	1.59	1.59	100.0
1979	81	48.5	138485	28.86	19950	1080	0.0	2.17	2.17	100.0
1980	53	76.3	143579	33.67	18923	1075	0.0	2.55	2.55	100.0
New Bedford Gas and Ed Lt (NEGA)										
1977	0	0.0	0	0.0	375	1000	1.80	0.0	1.80	0.0
1978	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1979	0	0.0	0	0.0	66	1000	2.57	0.0	2.57	0.0
1980	0	0.0	0	0.0	501	1000	3.48	0.0	3.48	0.0
New England Power (NEES)										
1977	61	0.3	136807	15.54	0	0	0.0	0.0	0.0	0.0
1978	200	1.0	137780	16.07	0	0	0.0	0.0	0.0	0.0
1979	10	0.1	137144	23.09	0	0	0.0	0.0	0.0	0.0
1980	37	0.2	138557	36.81	0	0	0.0	0.0	0.0	0.0
New Mexico Electric Service										

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
1977	0	0.0	0	0.0	7598	1049	1.41	0.0	1.41	0.0
1978	0	0.0	0	0.0	6853	1059	1.77	0.0	1.77	0.0
1979	0	0.0	0	0.0	7187	1030	2.28	0.0	2.28	0.0
1980	0	0.0	0	0.0	7811	1017	2.70	0.0	2.70	0.0
New Orleans Public Service (MSU)										
1977	4	0.1	139707	14.35	16442	1071	1.73	1.82	1.81	87.2
1978	8	0.2	138836	14.53	19283	1060	1.49	1.86	1.72	62.1
1979	2	0.1	138031	24.48	34844	1049	2.34	2.54	2.49	76.4
1980	3	0.6	137787	31.86	44061	1046	2.50	3.00	2.85	69.8
Sewer and Water Board N Orleans										
1977	3	100.0	139100	14.28	1607	1050	0.0	1.48	1.48	100.0
1978	2	100.0	139100	15.64	1610	1050	0.0	1.68	1.68	100.0
1979	0	100.0	139100	16.38	1456	1050	0.0	2.18	2.18	100.0
1980	1	100.0	139100	35.29	1345	1050	0.0	2.54	2.54	100.0
Public Utilities Comm - New Ulm										
1977	2	100.0	138000	14.38	333	1000	1.04	0.0	1.04	0.0
1978	3[1]	100.0	137670	16.25	20	1000	1.35	0.0	1.35	0.0
1979	1	100.0	138000	22.02	625	1000	1.71	0.0	1.71	0.0
1980	9	100.0	138000	35.22	772	1000	1.98	0.0	1.98	0.0
New York State Electric and Gas										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Niagra-Mohawk Power										
1977	143[1]	1.3	136496	15.59	0	0	0.0	0.0	0.0	0.0
1978	25[1]	0.3	136660	16.60	0	0	0.0	0.0	0.0	0.0
1979	5	0.1	137500	28.43	0	0	0.0	0.0	0.0	0.0
1980	17[1]	0.2	134618	34.16	0	0	0.0	0.0	0.0	0.0
Northern Indiana Public Service										
1977	332	100.0	139191	15.77	295	1000	1.60	1.54	1.54	97.4
1978	300	100.0	139000	16.06	2689	1000	0.0	1.66	1.66	100.0
1979	434	100.0	139876	24.15	2029	1000	0.0	2.26	2.26	100.0
1980	392	100.0	140421	34.48	978	1000	0.0	2.62	2.62	100.0
Northern Michigan Electric Coop										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Northern States Power										
1977	1082	93.2	138925	15.14	468[1]	801	1.10	0.26	0.78	38.2
1978	855[1]	92.4	139567	15.42	81[1]	692	1.67	0.26	0.85	58.0
1979	337	90.0	139790	27.46	497	987	1.84	0.0	1.84	0.0
1980	507	96.0	139571	34.01	1170	991	1.97	0.0	1.97	0.0
Ohio Edison										
1977	1150	100.0	137203	16.97	0	0	0.0	0.0	0.0	0.0
1978	1577	100.0	136749	17.68	0	0	0.0	0.0	0.0	0.0
1979	527[1]	100.0	138165	25.28	0	0	0.0	0.0	0.0	0.0
1980	342	100.0	138307	33.52	0	0	0.0	0.0	0.0	0.0
Ohio Valley Electric Coop										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Oklahoma Gas and Electric										
1977	3[1]	100.0	155481	8.21	168214	1037	1.50	1.28	1.29	99.3
1978	0	0.0	0	0.0	170845	1037	1.66	1.45	1.45	99.1
1979	58	60.1	137541	31.03	165882	1037	1.94	1.55	1.56	99.5
1980	18	100.0	141986	31.58	165825	1037	1.94	1.72	1.72	99.6
Omaha Public Power District										
1977	86	100.0	138149	15.26	92	991	1.23	0.0	1.23	0.0
1978	135	100.0	138150	16.08	129	988	1.46	0.0	1.46	0.0
1979	100	100.0	138019	34.61	205	987	1.84	0.0	1.84	0.0
1980	22	100.0	138000	34.77	268	991	2.09	0.0	2.09	0.0
Opelousas Municipal Elec Dept										
1977	0	0.0	0	0.0	1467	1000	1.94	0.0	1.94	0.0
1978	0	0.0	0	0.0	947	1000	2.33	0.0	2.33	0.0
1979	0	0.0	0	0.0	632	1000	2.87	0.0	2.87	0.0
1980	0	0.0	0	0.0	598	1012	3.08	0.0	3.08	0.0
Orange and Rockland Utilities										
1977	17[1]	0.2	126045	16.00	1027	1026	1.44	0.0	1.44	0.0
1978	6[1]	0.1	126277	17.67	120	1032	1.65	0.0	1.65	0.0
1979	4[1]	0.1	125551	29.82	11803	1030	2.06	0.0	2.06	0.0
1980	6[1]	0.1	125504	37.03	19759	1031	2.53	0.0	2.53	0.0
Orlando Utilities Comm										

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
1977	9[1]	0.3	121672	15.07	5483	1026	0.99	0.0	0.99	0.0
1978	14[1]	0.4	135352	16.76	8486	1029	1.10	0.0	1.10	0.0
1979	3[1]	0.1	126403	21.63	13483	1028	1.55	0.0	1.55	0.0
1980	10	0.5	135247	30.27	15513	1029	2.05	0.0	2.05	0.0
Orrville Municipal Utilities										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Otter Tail Power										
1977	26	100.0	140000	17.88	0	0	0.0	0.0	0.0	0.0
1978	19	100.0	138339	17.87	0	0	0.0	0.0	0.0	0.0
1979	36	100.0	138000	27.43	0	0	0.0	0.0	0.0	0.0
1980	35	100.0	138000	37.49	0	0	0.0	0.0	0.0	0.0
Owatonna Public Utilities										
1977	0	0.0	0	0.0	322	1000	1.07	0.0	1.07	0.0
1978	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1979	0	0.0	0	0.0	1105	999	1.67	0.0	1.67	0.0
1980	0	0.0	0	0.0	1644	994	1.98	0.0	1.98	0.0
Owensboro Municipal Utilities										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Pacific Gas and Electric										
1977	599[1]	1.6	138459	15.08	230150[1]	1065	2.34	0.0	2.34	0.0
1978	216	1.0	140839	15.73	132136[1]	1065	2.44	0.0	2.44	0.0
1979	912[1]	3.5	138296	22.10	226556[1]	1060	2.60	0.0	2.60	0.0
1980	626	2.8	137209	35.09	212881[1]	1058	4.05	0.0	4.05	0.0
Pacific Power and Light										
1977	51	100.0	132900	14.19	895	1043	2.02	0.0	2.02	0.0
1978	25	100.0	132928	14.12	1135	1047	2.38	0.0	2.38	0.0
1979	20	100.0	134225	18.57	861	1047	3.05	0.0	3.05	0.0
1980	0	0.0	0	0.0	917	1049	4.38	0.0	4.38	0.0
Painesville Electric Light Dept										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Pasadena Water and Power Dept										
1977	20[1]	1.8	138800	14.94	1347	1054	1.88	0.0	1.88	0.0
1978	40[1]	9.1	138810	15.07	2016	1057	2.12	0.0	2.12	0.0
1979	0	0.0	0	0.0	1941	1047	2.62	0.0	2.62	0.0
1980	11	6.5	125715	34.21	4828	1048	3.49	0.0	3.49	0.0
Pella Municipal Power and Light										
1977	1	100.0	140000	16.11	0	0	0.0	0.0	0.0	0.0
1978	3	100.0	140000	16.82	0	0	0.0	0.0	0.0	0.0
1979	167	100.0	140000	29.95	0	0	0.0	0.0	0.0	0.0
1980	0	100.0	136000	36.92	0	0	0.0	0.0	0.0	0.0
Pennsylvania Power and Light										
1977	955	11.4	137796	15.73	0	0	0.0	0.0	0.0	0.0
1978	1017[1]	8.7	137564	16.28	0	0	0.0	0.0	0.0	0.0
1979	527	5.2	138227	21.43	0	0	0.0	0.0	0.0	0.0
1980	440	4.5	137906	33.64	0	0	0.0	0.0	0.0	0.0
Pennsylvania Power										
1977	170	100.0	136737	16.73	0	0	0.0	0.0	0.0	0.0
1978	96	100.0	134631	15.67	0	0	0.0	0.0	0.0	0.0
1979	132	100.0	136244	24.07	0	0	0.0	0.0	0.0	0.0
1980	100	100.0	136932	34.54	0	0	0.0	0.0	0.0	0.0
Peru Utilities										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Philadelphia Electric										
1977	1948	14.5	137374	16.12	0	0	0.0	0.0	0.0	0.0
1978	1553	10.5	139024	15.82	0	0	0.0	0.0	0.0	0.0
1979	534	5.2	139063	27.50	0	0	0.0	0.0	0.0	0.0
1980	922	9.3	139400	33.41	0	0	0.0	0.0	0.0	0.0
Piqua Municipal Power System										
1977	13	100.0	137000	16.03	0	0	0.0	0.0	0.0	0.0
1978	32	100.0	137000	15.93	0	0	0.0	0.0	0.0	0.0
1979	3	100.0	140000	31.01	0	0	0.0	0.0	0.0	0.0
1980	11	100.0	140000	34.74	0	0	0.0	0.0	0.0	0.0
Plains Elec Gen and Trans Coop										

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
1977	0	0.0	0	0.0	2668	887	1.33	0.0	1.33	0.0
1978	0	0.0	0	0.0	1106	876	1.38	0.0	1.38	0.0
1979	0	0.0	0	0.0	1703	877	1.91	0.0	1.91	0.0
1980	0	0.0	0	0.0	887	870	1.93	0.0	1.93	0.0
Portland General Electric										
1977	690	100.0	137500	15.42	53	1036	2.06	0.0	2.06	0.0
1978	317	100.0	137000	14.61	1	1005	3.64	0.0	3.64	0.0
1979	1302	100.0	137001	35.87	2481	1046	3.56	0.0	3.56	0.0
1980	366	100.0	137000	37.55	1788	972	4.22	0.0	4.22	0.0
Potomac Electric Power										
1977	839	7.9	138403	15.44	0	0	0.0	0.0	0.0	0.0
1978	1344	11.3	138462	15.93	0	0	0.0	0.0	0.0	0.0
1979	958	12.7	138462	24.93	0	0	0.0	0.0	0.0	0.0
1980	843	16.6	138088	35.05	0	0	0.0	0.0	0.0	0.0
Public Service Co of Colorado										
1977	178	23.3	137081	15.49	24747	1001	1.02	0.0	1.02	0.0
1978	240	40.2	136829	16.31	21722	1008	1.29	0.0	1.29	0.0
1979	226	35.9	135505	33.74	27205	992	1.91	0.0	1.91	0.0
1980	132	39.9	136483	37.29	28457	988	2.65	0.0	2.65	0.0
Public Service Co of Indiana										
1977	554	100.0	137001	15.59	0	0	0.0	0.0	0.0	0.0
1978	899	100.0	137001	16.02	0	0	0.0	0.0	0.0	0.0
1979	360	100.0	136999	23.22	0	0	0.0	0.0	0.0	0.0
1980	282	100.0	136998	35.24	0	0	0.0	0.0	0.0	0.0
Public Serv Co of New Hampshire										
1977	41[1]	1.5	136957	15.62	0	0	0.0	0.0	0.0	0.0
1978	29[1]	0.8	137351	16.46	0	0	0.0	0.0	0.0	0.0
1979	22[1]	0.5	137041	24.64	28	1000	2.95	0.0	2.95	0.0
1980	25[1]	0.7	136849	35.06	0	0	0.0	0.0	0.0	0.0
Public Service Co of New Mexico										
1977	77	31.9	136473	14.77	19796	1036	1.72	0.0	1.72	0.0
1978	65	47.0	135237	16.17	15280	1025	1.86	0.0	1.86	0.0
1979	101	26.2	135427	24.22	16577	1028	2.23	0.0	2.23	0.0
1980	90	52.0	135256	37.09	9884	1026	2.51	0.0	2.51	0.0
Public Serv Co of Oklahoma (CSW)										
1977	20	100.0	137598	14.67	136740	1059	0.0	1.45	1.45	100.0
1978	280	100.0	137608	14.72	147093	1067	0.0	1.52	1.52	100.0
1979	55	100.0	134960	27.16	140443	1068	0.0	1.68	1.68	100.0
1980	0	0.0	0	0.0	131857	1065	0.0	1.90	1.90	100.0
Public Service Elec and Gas-NJ										
1977	2487[1]	12.0	134753	15.65	5611	1030	1.89	0.0	1.89	0.0
1978	1386[1]	6.7	134414	16.18	724	1030	2.03	0.0	2.03	0.0
1979	906[1]	6.4	137086	24.62	21414	1045	2.58	0.0	2.58	0.0
1980	1140[1]	10.9	136672	33.26	64075	1037	3.01	0.0	3.01	0.0
Puget Sound Power and Light										
1978	0	100.0	139200	19.48	0	0	0.0	0.0	0.0	0.0
1979	15[1]	3.2	136323	30.99	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	139200	35.33	0	0	0.0	0.0	0.0	0.0
Richmond Power and Light										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Rochester Dept Public Utilities										
1977	0	0.0	0	0.0	1084	1010	1.15	1.31	1.15	2.7
1978	35	100.0	135945	16.04	70	1010	1.39	1.57	1.49	51.5
1979	4	100.0	135945	26.56	299	1010	1.67	2.01	1.70	10.6
1980	2	100.0	135945	37.92	50	997	2.08	2.27	2.25	88.9
Rochester Gas and Electric Corp										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Ruston Util Sys										
1977	5	100.0	135000	15.13	1806	1031	1.69	0.0	1.69	0.0
1978	101	100.0	135000	20.33	2070	1041	1.94	0.0	1.94	0.0
1979	0	0.0	0	0.0	1799	1069	2.27	0.0	2.27	0.0
1980	0	0.0	0	0.0	2851	1068	2.75	0.0	2.75	0.0
Salt River Project										
1977	1441	47.3	140294	15.72	5317	1080	1.15	0.0	1.15	0.0
1978	840	43.5	140306	17.00	10534	1067	1.39	0.0	1.39	0.0
1979	818	29.5	140165	29.05	8877	1060	1.92	0.0	1.92	0.0
1980	327	45.9	139866	37.85	12080	1052	2.31	0.0	2.31	0.0
City Public Service-San Antonio										
1977	0	0.0	0	0.0	54740	1037	0.0	2.00	2.00	100.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
1978	0	0.0	0	0.0	33078	1032	0.0	2.15	2.15	100.0
1979	0	0.0	0	0.0	24843	1049	0.0	2.30	2.30	100.0
1980	0	0.0	0	0.0	33199	1053	0.0	2.63	2.63	100.0
San Diego Gas and Electric										
1977	880	7.0	137998	15.51	14907	1051	2.46	0.0	2.46	0.0
1978	878	8.2	138214	16.85	20179	1055	2.64	0.0	2.64	0.0
1979	146	1.4	139157	19.57	28348	1047	2.83	0.0	2.83	0.0
1980	49	0.5	137968	25.27	38262	1045	3.34	0.0	3.34	0.0
Savannah Electric and Power										
1977	111[1]	2.9	137070	16.43	1196	1026	1.93	0.0	1.93	0.0
1978	119[1]	3.3	137264	16.43	1010	1031	2.23	0.0	2.23	0.0
1979	55	2.9	138237	29.90	1456	1131	3.16	0.0	3.16	0.0
1980	7	1.0	137964	34.59	1358	1045	3.10	0.0	3.10	0.0
Sierra Pacific Power										
1977	0	0.0	0	0.0	18361	1051	2.07	0.0	2.07	0.0
1978	0	0.0	0	0.0	2830	1047	2.23	0.0	2.23	0.0
1979	0	0.0	0	0.0	17303	1042	2.77	0.0	2.77	0.0
1980	0	0.0	0	0.0	4833	1052	3.72	0.0	3.72	0.0
South Carolina Electric and Gas										
1977	479	9.1	137797	15.87	0	0	0.0	0.0	0.0	0.0
1978	195	3.6	137013	16.37	0	0	0.0	0.0	0.0	0.0
1979	96	2.5	136291	22.46	3038	1078	2.29	2.05	2.27	7.5
1980	76	3.8	137515	33.99	3350	1030	2.35	0.0	2.35	0.0
South Carolina Public Serv Auth										
1977	185	41.7	140000	16.05	0	0	0.0	0.0	0.0	0.0
1978	33	36.7	140041	16.21	0	0	0.0	0.0	0.0	0.0
1979	54	70.1	140000	25.45	0	0	0.0	0.0	0.0	0.0
1980	77	46.7	141298	33.06	21	1050	2.71	0.0	2.71	0.0
South Mississippi Elec Pwr Assn										
1977	0	0.0	0	0.0	3372	1022	0.0	1.81	1.81	100.0
1978	4	0.4	133046	15.85	3112	1024	0.0	1.90	1.90	100.0
1979	11	3.5	136433	23.12	3114	1020	0.0	2.29	2.29	100.0
1980	15	48.7	140116	33.24	3162	1023	0.0	2.82	2.82	100.0
South Texas Electric Coop Inc										
1977	0	100.0	139950	10.71	2205	1006	0.0	1.99	1.99	100.0
1978	0	0.0	0	0.0	1525	988	0.0	2.10	2.10	100.0
1979	0	0.0	0	0.0	993	993	0.0	2.26	2.26	100.0
1980	0	0.0	0	0.0	1459	993	0.0	2.56	2.56	100.0
Southern California Edison										
1977	1333[1]	2.2	134830	14.92	91698	1048	1.93	0.0	1.93	0.0
1978	1327[1]	3.1	134719	16.50	111101	1058	2.15	0.0	2.15	0.0
1979	1797[1]	3.8	121925	18.69	156635	1052	2.52	0.0	2.52	0.0
1980	1880[1]	5.8	121865	29.28	195822	1048	3.46	0.0	3.46	0.0
Southern Illinois Power Coop										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Southern Indiana Gas and Elec										
1977	174	100.0	140869	15.65	318	1010	1.07	0.0	1.07	0.0
1978	405	100.0	137764	15.49	0	0	0.0	0.0	0.0	0.0
1979	15	100.0	138627	18.38	216	1008	1.50	0.0	1.50	0.0
1980	0	0.0	0	0.0	340	1007	2.17	2.17	2.17	20.3
Southwestern Electric Pwr (CSW)										
1977	97	5.4	140000	15.60	81367	973	1.02	0.74	0.77	91.8
1978	34	4.6	140000	15.64	79503	991	0.0	1.03	1.03	100.0
1979	43	29.0	140000	25.73	86999	1001	0.0	1.13	1.13	100.0
1980	46	97.3	140000	35.23	84132	1004	0.0	1.26	1.26	100.0
Southwestern Public Service										
1977	157	100.0	138633	17.56	104245	990	1.39	1.51	1.42	26.5
1978	48	100.0	138365	19.99	97558	1011	1.74	1.60	1.67	49.7
1979	28	100.0	137702	21.09	90682	1006	2.16	1.78	1.96	53.2
1980	6	100.0	138004	41.46	85913	1001	2.54	2.10	2.32	50.2
Springfield Wtr Lt and Pwr Dept										
1977	30	100.0	136000	15.78	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
City Utilities of Springfield										
1977	208[1]	100.0	121439	14.18	3327	1016	1.04	0.0	1.04	0.0
1978	34[1]	100.0	124152	14.75	5192	1014	1.16	0.0	1.16	0.0
1979	386[1]	100.0	137758	29.19	1722	1014	1.49	0.0	1.49	0.0
1980	7[1]	100.0	125913	32.13	1186	1014	2.18	0.0	2.18	0.0
St Joseph Light and Power										
1977	10	6.7	137170	15.32	3823	953	1.05	1.10	1.05	0.2

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
1978	62	38.3	137570	15.32	6847	954	1.05	0.0	1.05	0.0
1979	0	0.0	0	0.0	3469	970	1.37	0.0	1.37	0.0
1980	0	0.0	0	0.0	1388	988	1.98	0.0	1.98	0.0
Sunflower Electric Coop Inc										
1977	34	100.0	137600	14.57	7162	890	0.0	0.92	0.92	100.0
1978	0	0.0	0	0.0	8084	865	0.0	1.29	1.29	100.0
1979	0	0.0	0	0.0	9920	856	0.0	1.59	1.59	100.0
1980	0	0.0	0	0.0	8767	837	0.0	1.68	1.68	100.0
Tallahassee, City of										
1977	33	2.0	144000	14.89	4179	1042	0.95	0.0	0.95	0.0
1978	12	0.5	144000	15.87	5927	1040	1.07	0.0	1.07	0.0
1979	12	0.7	143918	32.89	10261	1042	1.52	0.0	1.52	0.0
1980	0	0.0	0	0.0	10838	1045	2.01	0.0	2.01	0.0
Tampa Electric										
1977	166	3.9	137724	14.99	0	0	0.0	0.0	0.0	0.0
1978	205	4.2	139042	15.51	0	0	0.0	0.0	0.0	0.0
1979	138	2.9	135877	32.36	0	0	0.0	0.0	0.0	0.0
1980	234	5.1	137364	34.44	0	0	0.0	0.0	0.0	0.0
Taunton Municipal Lighting Plant										
1977	93	18.0	138872	16.07	0	0	0.0	0.0	0.0	0.0
1978	114	20.4	138872	16.99	0	0	0.0	0.0	0.0	0.0
1979	102	16.8	138466	28.60	0	0	0.0	0.0	0.0	0.0
1980	54	9.1	138431	35.09	0	0	0.0	0.0	0.0	0.0
Texas Electric Serv(Texas Utils)										
1977	60	9.1	140913	12.31	131488	1042	0.0	0.68	0.68	100.0
1978	40	21.6	139524	14.18	140771	1051	0.0	0.91	0.91	100.0
1979	91	49.5	139524	25.40	113740	1053	0.0	0.74	0.74	100.0
1980	39	6.8	139524	35.10	119288	1041	0.0	1.01	1.01	100.0
Texas Pwr and Lt (Texas Utils)										
1977	249	39.0	137559	14.54	145527	1025	1.64	1.40	1.49	61.5
1978	2	22.6	136676	15.32	138862	1022	1.87	1.51	1.64	62.7
1979	1	1.8	136400	29.21	122548	1029	2.02	1.57	1.73	64.1
1980	82	79.5	136400	35.48	139722	1032	2.28	1.94	2.05	67.1
The Toledo Edison Co										
1977	173	63.6	137051	15.79	1882[1]	535	0.92	0.75	0.76	92.0
1978	71	46.5	136314	16.15	1898[1]	559	2.44	0.95	0.96	99.8
1979	42[1]	32.7	135926	25.87	958[1]	587	1.06	0.93	1.03	24.0
1980	188[1]	41.8	108561	24.47	257[1]	858	2.10	0.0	2.10	0.0
Traverse, City of										
1977	0	0.0	0	0.0	412	1031	1.66	0.0	1.66	0.0
1978	0	0.0	0	0.0	605	1037	1.83	0.0	1.83	0.0
1979	0	0.0	0	0.0	485	1031	2.22	0.0	2.22	0.0
1980	0	0.0	0	0.0	291	1025	3.14	0.0	3.14	0.0
The Tucson Gas and Electric Co										
1977	100	3.1	139238	15.33	10048	1064	0.0	1.17	1.17	100.0
1978	28	2.2	139400	15.25	21348	1063	0.0	1.46	1.46	100.0
1979	8	1.0	140600	30.19	18399	1055	0.0	2.41	2.41	100.0
1980	0	0.0	0	0.0	15912	1060	0.0	2.68	2.68	100.0
Tennessee Valley Authority										
1977	5256	100.0	139791	15.50	0	0	0.0	0.0	0.0	0.0
1978	6678	100.0	139326	15.56	0	0	0.0	0.0	0.0	0.0
1979	592	100.0	138463	26.38	0	0	0.0	0.0	0.0	0.0
1980	561	100.0	138752	37.73	0	0	0.0	0.0	0.0	0.0
The United Gas Imp Co										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Union Electric										
1977	757[1]	59.3	137006	16.15	3425	1033	1.99	0.0	1.99	0.0
1978	1014[1]	67.7	136988	15.85	2313	1033	2.01	0.0	2.01	0.0
1979	532[1]	54.6	137212	22.12	1286	1035	2.55	0.0	2.55	0.0
1980	126[1]	25.0	136641	35.68	1861	1035	2.99	0.0	2.99	0.0
The United Illuminating Co										
1977	26[1]	0.3	137117	15.80	0	0	0.0	0.0	0.0	0.0
1978	21[1]	0.2	137328	16.33	0	0	0.0	0.0	0.0	0.0
1979	11[1]	0.1	137572	26.35	0	0	0.0	0.0	0.0	0.0
1980	10[1]	0.1	137179	36.25	0	0	0.0	0.0	0.0	0.0
United Power Association										
1977	46	84.6	137156	16.03	0	0	0.0	0.0	0.0	0.0
1978	8	100.0	137550	17.26	0	0	0.0	0.0	0.0	0.0
1979	14	100.0	137950	26.93	0	0	0.0	0.0	0.0	0.0
1980	5	100.0	137550	35.23	0	0	0.0	0.0	0.0	0.0
University of Illinois										
1977	423	100.0	138853	15.39	0	0	0.0	0.0	0.0	0.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
1978	423	100.0	138525	15.87	0	0	0.0	0.0	0.0	0.0
1979	391	100.0	138728	23.33	119	1000	0.0	2.70	2.70	100.0
1980	22	100.0	138562	34.77	1840	1000	0.0	2.94	2.94	100.0
Upper Peninsula Gen Co										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Upper Peninsula Power										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Utah Power and Light										
1977	77	26.1	140000	15.27	4722	944	1.04	0.0	1.04	0.0
1978	80	52.3	140000	14.80	2982	948	1.27	0.0	1.27	0.0
1979	110	40.3	140000	27.64	5588	962	1.57	0.0	1.57	0.0
1980	93	61.2	140000	37.16	4103	953	1.94	0.0	1.94	0.0
Vero Beach Municipal Utilities										
1977	1	0.3	138000	15.41	1344	1056	0.96	1.10	1.00	24.6
1978	0	0.0	0	0.0	2108	1056	0.0	1.13	1.13	100.0
1979	0	0.0	0	0.0	2965	1056	1.44	1.26	1.43	10.2
1980	0	0.0	0	0.0	3184	1056	2.00	0.0	2.00	0.0
Vineland, City of										
1977	33	10.4	137210	15.76	0	0	0.0	0.0	0.0	0.0
1978	64	24.8	137709	16.18	0	0	0.0	0.0	0.0	0.0
1979	37	12.9	138800	20.85	0	0	0.0	0.0	0.0	0.0
1980	19	6.6	138413	37.59	0	0	0.0	0.0	0.0	0.0
Virginia Electric and Power										
1977	2788[1]	9.6	139969	16.30	1204[1]	1181	1.94	0.0	1.94	0.0
1978	2421[1]	8.8	139995	16.30	727[1]	1275	2.17	0.0	2.17	0.0
1979	1620[1]	6.6	139994	24.45	2971[1]	1111	2.50	0.0	2.50	0.0
1980	974[1]	6.4	139981	34.94	2221[1]	1104	3.19	0.0	3.19	0.0
Virginia, Minn Dept of Pub Util										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	314	1000	2.04	2.18	2.04	3.1
Washington Water Power Co										
1977	1[1]	100.0	133500	15.71	0	0	0.0	0.0	0.0	0.0
1978	12[1]	100.0	134976	16.78	0	0	0.0	0.0	0.0	0.0
1979	12[1]	100.0	135000	28.07	185	1030	3.08	2.60	2.72	74.4
1980	0	100.0	131000	36.54	151	1030	4.09	3.15	3.54	58.8
Wellington,city of										
1977	2	100.0	139150	15.37	754	1027	1.03	0.0	1.03	0.0
1978	1	100.0	139150	15.36	814	1025	1.06	0.0	1.06	0.0
1979	0	100.0	139600	32.32	919	1005	1.40	0.0	1.40	0.0
1980	0	0.0	0	0.0	730	1005	2.09	0.0	2.09	0.0
West Texas Utilities (CSW)										
1977	46	22.9	140928	12.38	48584	1019	1.71	0.23	1.38	21.7
1978	0	0.0	0	0.0	48413	1024	1.93	0.27	1.58	20.9
1979	8	7.8	139345	30.14	46556	1027	2.11	0.49	1.75	22.1
1980	2	5.4	140476	34.55	54248	1025	2.31	0.30	1.91	19.6
Western Farmers Electric Coop										
1977	114	94.1	138500	15.80	22693	1045	1.89	1.30	1.31	97.8
1978	84	100.0	138500	16.45	25247	1025	0.0	1.48	1.48	100.0
1979	0	0.0	0	0.0	23321	1040	1.95	1.63	1.70	76.4
1980	0	0.0	0	0.0	27207	1034	2.26	2.03	2.12	62.6
W Illinois Power Coop										
1977	39	100.0	137588	16.83	0	0	0.0	0.0	0.0	0.0
1978	65	100.0	137274	17.34	0	0	0.0	0.0	0.0	0.0
1979	4	100.0	137300	30.03	0	0	0.0	0.0	0.0	0.0
1980	7	100.0	137277	38.99	0	0	0.0	0.0	0.0	0.0
Western Mass Electric (NU)										
1977	21	3.1	137557	15.81	648	1000	1.90	0.0	1.90	0.0
1978	16	1.2	138375	15.87	443	1000	1.83	0.0	1.83	0.0
1979	19	1.5	138021	24.76	3268	1000	2.82	0.0	2.82	0.0
1980	15	1.1	138793	35.17	3310	1000	3.12	0.0	3.12	0.0
Willmar Municipal Utilities Comm										
1977	0	0.0	0	0.0	9	1000	1.14	0.0	1.14	0.0
1978	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
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Winfield Municipal Elec Lt Dept										
1977	53	100.0	142000	14.86	10	1137	0.97	0.97	0.97	9.3

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
1980	0	100.0	140000	34.34	813	1124	2.23	0.0	2.23	0.0
Winnetka, Village of										
1977	0	0.0	0	0.0	34	1020	2.23	0.0	2.23	0.0
1978	0	0.0	0	0.0	51	1016	2.28	0.0	2.28	0.0
1979	2	100.0	138000	28.72	37	1021	2.97	0.0	2.97	0.0
1980	1	100.0	130000	35.22	73	1025	3.44	0.0	3.44	0.0
Wisconsin Electric Power										
1977	747	100.0	138321	15.51	2040	1016	1.89	0.0	1.89	0.0
1978	1398	100.0	136959	15.31	2746	1012	2.02	0.0	2.02	0.0
1979	520	100.0	137748	20.34	12289	1013	2.31	0.0	2.31	0.0
1980	406	100.0	138449	32.11	8511	1010	2.95	0.0	2.95	0.0
Wisconsin Power and Light										
1977	658	100.0	139200	15.59	467	1002	1.89	0.0	1.89	0.0
1978	184	100.0	139740	15.94	2359	991	2.06	2.15	2.11	49.6
1979	8	100.0	139740	33.58	1088	995	2.81	2.82	2.81	4.3
1980	0	0.0	0	0.0	837	998	3.38	0.0	3.38	0.0
Wisconsin Public Service Corp										
1977	157[1]	100.0	137727	14.74	948	1021	1.76	0.0	1.76	0.0
1978	62	100.0	138000	14.02	1353	1017	1.80	0.0	1.80	0.0
1979	294	100.0	137070	17.17	548	1018	2.24	2.69	2.28	8.2
1980	23	100.0	138000	34.26	468	1007	2.93	0.0	2.93	0.0
Wyandotte Dept of Muni Service										
1977	0	0.0	0	0.0	2085	1011	1.65	1.79	1.70	37.5
1978	48	100.0	141555	14.99	2505	1011	1.82	1.95	1.84	17.0
1979	0	0.0	0	0.0	2862	1040	2.10	2.46	2.13	6.0
1980	0	0.0	0	0.0	999	1015	2.92	2.91	2.92	11.1
Appalachian Power (AEP)										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Commonwealth Edison-Indiana										
1977	0	0.0	0	0.0	131	1023	0.0	1.57	1.57	100.0
1978	0	0.0	0	0.0	136	1021	0.0	1.67	1.67	100.0
1979	0	0.0	0	0.0	179	1023	0.0	2.26	2.26	100.0
1980	0	0.0	0	0.0	139	1023	0.0	2.67	2.67	100.0
Indiana-Kentucky Electric Corp										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
The Narragansett Elec Co(NEES)										
1977	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
1979	0	0.0	0	0.0	1337	1046	2.58	0.0	2.58	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Kentucky Power (AEP)										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Monongahela Power (APS)										
1977	46[1]	100.0	129982	17.06	16	1000	1.98	1.97	1.97	54.8
1978	118[1]	100.0	133360	17.15	14	1000	1.75	0.0	1.75	0.0
1979	84	100.0	141000	27.03	86	1000	2.77	0.0	2.77	0.0
1980	84	100.0	141000	37.46	132	1000	2.99	0.0	2.99	0.0
The Potomac Edison Co (APS)										
1977	123	100.0	138652	15.95	0	0	0.0	0.0	0.0	0.0
1978	248	100.0	138423	16.64	0	0	0.0	0.0	0.0	0.0
1979	49	100.0	138027	19.57	0	0	0.0	0.0	0.0	0.0
1980	6	100.0	139154	36.23	0	0	0.0	0.0	0.0	0.0
Metropolitan Edison (GPS)										
1977	517	100.0	137036	16.00	0	0	0.0	0.0	0.0	0.0
1978	482	100.0	136561	16.14	0	0	0.0	0.0	0.0	0.0
1979	187	100.0	136356	24.39	369	1006	3.22	0.0	3.22	0.0
1980	81	100.0	136446	34.86	1603	1021	3.71	0.0	3.71	0.0
Pennsylvania Electric (GPS)										
1977	628	100.0	138739	17.34	0	0	0.0	0.0	0.0	0.0
1978	838	100.0	138750	17.49	0	0	0.0	0.0	0.0	0.0
1979	384	100.0	138756	24.58	0	0	0.0	0.0	0.0	0.0
1980	390	100.0	138751	35.10	0	0	0.0	0.0	0.0	0.0
Ohio Power (AEP)										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Fuel Oil No.2				Natural Gas					
	Quan. 1000	% of Total	Btu Cont/	Av. Cost	Amount in 1000	Btu Cont/	Average Cost in $ per Mcf			% Firm/
Year	bbls	2+6	gal	$/bbl	Mcf	cu ft	Irpt	Firm	Total	Total
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
West Penn Power (APS)										
1977	191	18.1	142259	15.92	11	1000	0.0	2.07	2.07	100.0
1978	347	15.1	138052	16.85	123	1000	0.0	2.53	2.53	100.0
1979	87	12.7	138757	21.48	176	1000	2.57	2.38	2.57	0.5
1980	39	11.2	140910	37.15	113	1000	3.16	3.19	3.18	36.9
Central Operating Co (AEP)										
1977	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
1979	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Ohio Electric Co (AEP)										
1978	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
Montaup Electric										
1977	10[1]	0.9	134482	15.13	0	0	0.0	0.0	0.0	0.0
1978	10[1]	0.9	132814	18.21	0	0	0.0	0.0	0.0	0.0
1979	11[1]	0.7	133730	29.05	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Jersey Central Pwr and Lt (GPS)										
1977	1708	31.8	137978	15.50	1408	1018	1.62	0.0	1.62	0.0
1978	1078	23.5	139226	16.21	2	1030	2.75	0.0	2.75	0.0
1979	838	30.2	140527	25.75	6623	1023	2.77	0.0	2.77	0.0
1980	869	46.8	138693	34.50	12823	1020	3.42	0.0	3.42	0.0
Atlantic City Electric										
1977	443[1]	22.3	135735	15.84	0	0	0.0	0.0	0.0	0.0
1978	328[1]	15.3	135298	16.64	0	0	0.0	0.0	0.0	0.0
1979	437[1]	21.6	135574	26.12	0	0	0.0	0.0	0.0	0.0
1980	548[1]	31.8	135271	35.32	213	1038	4.75	0.0	4.75	0.0
Indiana and Michigan Elec (AEP)										
1977	825	100.0	137835	10.00	0	0	0.0	0.0	0.0	0.0
1978	1279	100.0	137884	14.03	0	0	0.0	0.0	0.0	0.0
1979	409	100.0	138027	20.46	0	0	0.0	0.0	0.0	0.0
1980	0	0.0	0	0.0	0	0	0.0	0.0	0.0	0.0
Superior Water Light and Power										
1977	0	0.0	0	0.0	16	985	1.27	0.0	1.27	0.0
1978	0	0.0	0	0.0	6	1021	1.68	0.0	1.68	0.0
1979	0	0.0	0	0.0	40	994	1.89	0.0	1.89	0.0
1980	0	0.0	0	0.0	2	995	2.34	0.0	2.34	0.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information

	Total Quantity Received							Total Received Fuel Cost						
	in billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
Alabama Electric Coop Inc														
1977	5274	0	515	5788	91.1	0.0	8.9	6216	0	518	6734	92.3	0.0	7.7
1978	8779	0	1118	9898	88.7	0.0	11.3	13690	0	1516	15206	90.0	0.0	10.0
1979	14843	0	503	15346	96.7	0.0	3.3	24149	0	968	25117	96.1	0.0	3.9
1980	18907	0	0	18907	100.0	0.0	0.0	33098	0	0	33098	100.0	0.0	0.0
Alabama Power Co (SC)														
1977	297173	3195	3930	304297	97.7	1.0	1.3	334981	8819	7267	351067	95.4	2.5	2.1
1978	265818	2842	6702	275362	96.5	1.0	2.4	358893	8044	14786	381723	94.0	2.1	3.9
1979	278367	1952	7658	287976	96.7	0.7	2.7	409935	8289	17646	435871	94.0	1.9	4.0
1980	320706	1578	1565	323849	99.0	0.5	0.5	521259	9986	4095	535340	97.4	1.9	0.8
Alexandria, City of														
1977	0	0	5570	5570	0.0	0.0	100.0	0	0	9116	9116	0.0	0.0	100.0
1978	0	0	5798	5798	0.0	0.0	100.0	0	0	11769	11769	0.0	0.0	100.0
1979	0	0	5498	5498	0.0	0.0	100.0	0	0	13047	13047	0.0	0.0	100.0
1980	0	0	6204	6204	0.0	0.0	100.0	0	0	17901	17901	0.0	0.0	100.0
Ames, City of														
1977	2060	55	64	2180	94.5	2.5	3.0	2298	147	82	2527	90.9	5.8	3.2
1978	2923	73	45	3040	96.1	2.4	1.5	3985	208	68	4261	93.5	4.9	1.6
1979	3310	50	24	3384	97.8	1.5	0.7	5222	140	37	5399	96.7	2.6	0.7
1980	2180	14	12	2206	98.8	0.6	0.6	3803	77	24	3904	97.4	2.0	0.6
Arizona Electric Power Coop Inc														
1977	0	258	3877	4135	0.0	6.2	93.8	0	700	4123	4823	0.0	14.5	85.5
1978	6740	26	5013	11779	57.2	0.2	42.6	9721	65	6481	16268	59.8	0.4	39.8
1979	18758	383	3707	22849	82.1	1.7	16.2	30917	2142	6613	39672	77.9	5.4	16.7
1980	19793	387	3710	23889	82.9	1.6	15.5	37692	2382	7910	47984	78.6	5.0	16.5
Arizona Public Service														
1977	140938	15429	11672	168039	83.9	9.2	6.9	44784	38169	12577	95529	46.9	40.0	13.2
1978	132162	5085	20538	157785	83.8	3.2	13.0	59975	11721	27000	98696	60.8	11.9	27.4
1979	140854	11860	21903	174616	80.7	6.8	12.5	70859	37958	44674	153491	46.2	24.7	29.1
1980	190594	2588	19301	212483	89.7	1.2	9.1	108050	10757	48304	167110	64.7	6.4	28.9
Arkansas Electric Coop														
1977	0	13367	76	13443	0.0	99.4	0.6	0	25280	89	25368	0.0	99.7	0.3
1978	0	12732	81	12813	0.0	99.4	0.6	0	23466	124	23590	0.0	99.5	0.5
1979	0	6877	1218	8095	0.0	85.0	15.0	0	16818	2317	19135	0.0	87.9	12.1
1980	0	2629	5658	8287	0.0	31.7	68.3	0	8384	13743	22127	0.0	37.9	62.1
Arkansas-Missouri Power														
1977	0	1584	0	1584	0.0	100.0	0.0	0	3768	0	3768	0.0	100.0	0.0
1978	0	2812	0	2812	0.0	100.0	0.0	0	6778	0	6778	0.0	100.0	0.0
1979	0	454	1119	1572	0.0	28.9	71.1	0	1268	2478	3745	0.0	33.8	66.2
1980	0	674	596	1270	0.0	53.1	46.9	0	2980	1646	4626	0.0	64.4	35.6
Arkansas Power and Light (MSU)														
1977	0	73269	7019	80288	0.0	91.3	8.7	0	150708	6779	157487	0.0	95.7	4.3
1978	0	71397	7261	78658	0.0	90.8	9.2	0	141732	7975	149707	0.0	94.7	5.3
1979	0	40689	29568	70257	0.0	57.9	42.1	0	102337	50370	152707	0.0	67.0	33.0
1980	27416	18205	55662	101283	27.1	18.0	55.0	41356	62356	118411	222124	18.6	28.1	53.3
Associated Elec Coop-Missouri														
1977	82546	0	0	82546	100.0	0.0	0.0	58843	0	0	58843	100.0	0.0	0.0
1978	82084	0	0	82084	100.0	0.0	0.0	76756	0	0	76756	100.0	0.0	0.0
1979	91715	0	0	91715	100.0	0.0	0.0	91186	0	0	91186	100.0	0.0	0.0
1980	101947	0	0	101947	100.0	0.0	0.0	127730	0	0	127730	100.0	0.0	0.0
Deepwater Operating Co (ACE)														
1977	0	11019	0	11019	0.0	100.0	0.0	0	23601	0	23601	0.0	100.0	0.0
1978	0	11386	0	11386	0.0	100.0	0.0	0	22625	0	22625	0.0	100.0	0.0
1979	0	7545	2534	10079	0.0	74.9	25.1	0	22355	7636	29991	0.0	74.5	25.5
1980	1396	5260	3311	9967	14.0	52.8	33.2	3288	22042	12124	37453	8.8	58.9	32.4
City of Austin Electric Dept														
1977	0	13	32664	32677	0.0	0.0	100.0	0	45	64945	64990	0.0	0.1	99.9
1978	0	159	34399	34558	0.0	0.5	99.5	0	414	73421	73835	0.0	0.6	99.4
1979	0	0	26263	26263	0.0	0.0	100.0	0	0	59365	59365	0.0	0.0	100.0
1980	0	0	21556	21556	0.0	0.0	100.0	0	0	55177	55177	0.0	0.0	100.0
Austin Utilities														
1977	1484	665	661	2810	52.8	23.7	23.5	1975	1387	745	4107	48.1	33.8	18.1
1978	1023	907	164	2095	48.8	43.3	7.9	1494	1855	236	3585	41.7	51.7	6.6
1979	1261	372	1603	3236	39.0	11.5	49.5	2022	865	2807	5694	35.5	15.2	49.3
1980	557	19	1566	2141	26.0	0.9	73.1	1060	40	3128	4228	25.1	1.0	74.0
Baltimore Gas and Electric														
1977	15691	53142	48	68881	22.8	77.2	0.1	29579	119647	98	149324	19.8	80.1	0.1
1978	8999	65898	258	75155	12.0	87.7	0.3	17859	139850	465	158174	11.3	88.4	0.3
1979	13756	47784	9408	70949	19.4	67.4	13.3	25301	153867	16231	195399	12.9	78.7	8.3
1980	20981	31805	4885	57671	36.4	55.1	8.5	37696	141051	11760	190506	19.8	74.0	6.2
Bangor Hydro														
1977	0	44	0	44	0.0	100.0	0.0	0	88	0	88	0.0	100.0	0.0
1978	0	36	0	36	0.0	100.0	0.0	0	74	0	74	0.0	100.0	0.0
1979	0	625	0	625	0.0	100.0	0.0	0	1612	0	1612	0.0	100.0	0.0
1980	0	1087	0	1087	0.0	100.0	0.0	0	4296	0	4296	0.0	100.0	0.0
Basin Electric Power Coop														
1977	48609	0	0	48609	100.0	0.0	0.0	20666	0	0	20666	100.0	0.0	0.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Total Quantity Received							Total Received Fuel Cost						
	in billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
1978	51084	0	0	51084	100.0	0.0	0.0	19918	0	0	19918	100.0	0.0	0.0
1979	40656	0	0	40656	100.0	0.0	0.0	19863	0	0	19863	100.0	0.0	0.0
1980	56312	0	0	56312	100.0	0.0	0.0	31493	0	0	31493	100.0	0.0	0.0
Big Rivers Rural Electric Coop														
1977	65953	975	50	66978	98.5	1.5	0.1	48734	3219	68	52020	93.7	6.2	0.1
1978	60918	1188	56	62162	98.0	1.9	0.1	57141	3845	88	61074	93.6	6.3	0.1
1979	65474	71	77	65622	99.8	0.1	0.1	60340	280	164	60785	99.3	0.5	0.3
1980	85078	137	83	85298	99.7	0.2	0.1	98483	854	233	99570	98.9	0.9	0.2
Black Hills Power and Light														
1977	9573	318	4	9895	96.7	3.2	0.0	3521	948	4	4473	78.7	21.2	0.1
1978	9038	918	7	9964	90.7	9.2	0.1	4174	3154	12	7340	56.9	43.0	0.2
1979	9962	181	21	10164	98.0	1.8	0.2	5133	909	50	6093	84.3	14.9	0.8
1980	8795	293	16	9103	96.6	3.2	0.2	5488	1921	45	7454	73.6	25.8	0.6
Boston Edison														
1977	0	92693	15	92707	0.0	100.0	0.0	0	202683	29	202712	0.0	100.0	0.0
1978	0	90239	0	90239	0.0	100.0	0.0	0	184727	0	184727	0.0	100.0	0.0
1979	0	87847	203	88050	0.0	99.8	0.2	0	282542	342	282884	0.0	99.9	0.1
1980	0	92384	157	92540	0.0	99.8	0.2	0	385711	393	386105	0.0	99.9	0.1
Brazos Electric Power Coop														
1977	0	0	16853	16853	0.0	0.0	100.0	0	0	31460	31460	0.0	0.0	100.0
1978	0	0	18879	18879	0.0	0.0	100.0	0	0	37453	37453	0.0	0.0	100.0
1979	0	0	15953	15953	0.0	0.0	100.0	0	0	35649	35649	0.0	0.0	100.0
1980	0	0	20591	20591	0.0	0.0	100.0	0	0	52750	52750	0.0	0.0	100.0
Brownsville Public Utilities Bd														
1977	0	64	4190	4254	0.0	1.5	98.5	0	169	8545	8714	0.0	1.9	98.1
1978	0	0	4072	4072	0.0	0.0	100.0	0	0	8721	8721	0.0	0.0	100.0
1979	0	0	3744	3744	0.0	0.0	100.0	0	0	8661	8661	0.0	0.0	100.0
1980	0	0	3797	3797	0.0	0.0	100.0	0	0	9939	9939	0.0	0.0	100.0
Bryan Municipal Electric														
1977	0	169	6087	6256	0.0	2.7	97.3	0	386	9921	10306	0.0	3.7	96.3
1978	0	168	6303	6471	0.0	2.6	97.4	0	376	11829	12204	0.0	3.1	96.9
1979	0	241	5529	5769	0.0	4.2	95.8	0	713	11205	11918	0.0	6.0	94.0
1980	0	37	6906	6942	0.0	0.5	99.5	0	125	15942	16067	0.0	0.8	99.2
Cardinal Operating Co (AEP)														
1977	72058	0	0	72058	100.0	0.0	0.0	71260	0	0	71260	100.0	0.0	0.0
1978	81351	0	0	81351	100.0	0.0	0.0	93417	0	0	93417	100.0	0.0	0.0
1979	99979	0	0	99979	100.0	0.0	0.0	120902	0	0	120902	100.0	0.0	0.0
1980	91393	0	0	91393	100.0	0.0	0.0	127047	0	0	127047	100.0	0.0	0.0
Burbank Public Service Dept														
1977	0	6136	1357	7492	0.0	81.9	18.1	0	15656	2431	18086	0.0	86.6	13.4
1978	0	3037	1878	4915	0.0	61.8	38.2	0	7812	3783	11595	0.0	67.4	32.6
1979	0	5127	2164	7291	0.0	70.3	29.7	0	17863	5201	23064	0.0	77.4	22.6
1980	0	1731	5159	6890	0.0	25.1	74.9	0	11246	17282	28528	0.0	39.4	60.6
Burlington Electric Department														
1977	513	201	440	1153	44.5	17.4	38.1	706	563	883	2152	32.8	26.2	41.0
1978	0	0	36	36	0.0	0.0	100.0	0	0	80	80	0.0	0.0	100.0
1979	335	107	534	977	34.3	11.0	54.7	594	614	1403	2611	22.8	23.5	53.7
1980	0	16	239	255	0.0	6.1	93.9	0	106	1075	1181	0.0	9.0	91.0
Cajun Electric Power Coop														
1977	0	1214	11079	12292	0.0	9.9	90.1	0	3176	3235	6411	0.0	49.5	50.5
1978	0	2044	11246	13290	0.0	15.4	84.6	0	5399	3284	8683	0.0	62.2	37.8
1979	0	1230	11696	12926	0.0	9.5	90.5	0	4945	9578	14523	0.0	34.0	66.0
1980	33165	790	15677	49632	66.8	1.6	31.6	64842	4558	19965	89365	72.6	5.1	22.3
Cambridge Electric Lt Co (NEGA)														
1977	0	2240	1982	4222	0.0	53.0	47.0	0	5287	3718	9005	0.0	58.7	41.3
1978	0	2325	1500	3825	0.0	60.8	39.2	0	5243	2811	8054	0.0	65.1	34.9
1979	0	1863	2878	4741	0.0	39.3	60.7	0	5797	7647	13444	0.0	43.1	56.9
1980	0	1603	2256	3859	0.0	41.5	58.5	0	8420	8906	17326	0.0	48.6	51.4
The Canal Electric Co														
1977	0	61807	0	61807	0.0	100.0	0.0	0	130374	0	130374	0.0	100.0	0.0
1978	0	62711	0	62711	0.0	100.0	0.0	0	113116	0	113116	0.0	100.0	0.0
1979	0	61132	0	61132	0.0	100.0	0.0	0	164184	0	164184	0.0	100.0	0.0
1980	0	60616	0	60616	0.0	100.0	0.0	0	218644	0	218644	0.0	100.0	0.0
Carolina Power and Light														
1977	185346	8418	0	193764	95.7	4.3	0.0	219916	22802	0	242718	90.6	9.4	0.0
1978	148360	13827	5	162192	91.5	8.5	0.0	191938	35615	8	227562	84.3	15.7	0.0
1979	179698	2121	177	181996	98.7	1.2	0.1	250874	8502	405	259780	96.6	3.3	0.2
1980	225020	1957	632	227610	98.9	0.9	0.3	349896	11361	1760	363017	96.4	3.1	0.5
Cedar Falls Utilities														
1977	1514	0	334	1848	81.9	0.0	18.1	1836	0	404	2241	81.9	0.0	18.1
1978	2432	0	43	2475	98.3	0.0	1.7	3605	0	65	3671	98.2	0.0	1.8
1979	1838	0	99	1937	94.9	0.0	5.1	2968	0	181	3150	94.2	0.0	5.8
1980	610	0	36	646	94.5	0.0	5.5	1060	0	86	1146	92.5	0.0	7.5
Central Elec Power Coop-Missouri														
1977	1766	0	0	1766	100.0	0.0	0.0	1903	0	0	1903	100.0	0.0	0.0
1978	3600	0	0	3600	100.0	0.0	0.0	4658	0	0	4658	100.0	0.0	0.0
1979	1611	0	0	1611	100.0	0.0	0.0	2150	0	0	2150	100.0	0.0	0.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Total Quantity Received							Total Received Fuel Cost						
	in billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
1980	3145	0	0	3145	100.0	0.0	0.0	4284	0	0	4284	100.0	0.0	0.0
Central Hudson Gas and Electric														
1977	0	77872	0	77872	0.0	100.0	0.0	0	161640	0	161640	0.0	100.0	0.0
1978	0	84367	0	84367	0.0	100.0	0.0	0	163206	0	163206	0.0	100.0	0.0
1979	0	74858	2674	77532	0.0	96.6	3.4	0	196124	5387	201512	0.0	97.3	2.7
1980	0	69666	3462	73128	0.0	95.3	4.7	0	259064	9026	268090	0.0	96.6	3.4
Central Illinois Light														
1977	51378	0	463	51841	99.1	0.0	0.9	67789	0	510	68300	99.3	0.0	0.7
1978	51993	0	509	52503	99.0	0.0	1.0	72677	0	638	73315	99.1	0.0	0.9
1979	55046	0	468	55514	99.2	0.0	0.8	91132	0	798	91930	99.1	0.0	0.9
1980	50458	0	637	51095	98.8	0.0	1.2	86484	0	1577	88061	98.2	0.0	1.8
Central Illinois Public Service														
1977	79034	3128	0	82163	96.2	3.8	0.0	74743	6874	0	81617	91.6	8.4	0.0
1978	106140	4520	0	110660	95.9	4.1	0.0	135944	10412	0	146356	92.9	7.1	0.0
1979	114210	2239	0	116449	98.1	1.9	0.0	139570	6648	0	146219	95.5	4.5	0.0
1980	110170	383	0	110553	99.7	0.3	0.0	145285	1620	0	146905	98.9	1.1	0.0
The Central Kansas Power Co														
1977	0	291	2067	2358	0.0	12.3	87.7	0	575	1378	1953	0.0	29.4	70.6
1978	0	284	1868	2152	0.0	13.2	86.8	0	537	1554	2091	0.0	25.7	74.3
1979	0	235	3008	3243	0.0	7.2	92.8	0	547	3213	3760	0.0	14.5	85.5
1980	0	0	1010	1010	0.0	0.0	100.0	0	0	1391	1391	0.0	0.0	100.0
Central Louisiana Electric														
1977	0	3519	52476	55995	0.0	6.3	93.7	0	7241	82610	89850	0.0	8.1	91.9
1978	0	399	58491	58890	0.0	0.7	99.3	0	1027	113864	114891	0.0	0.9	99.1
1979	0	0	65711	65711	0.0	0.0	100.0	0	0	149973	149973	0.0	0.0	100.0
1980	0	1470	62564	64034	0.0	2.3	97.7	0	6239	174012	180251	0.0	3.5	96.5
Central Maine Power														
1977	0	7881	0	7881	0.0	100.0	0.0	0	16186	0	16186	0.0	100.0	0.0
1978	0	11216	0	11216	0.0	100.0	0.0	0	23352	0	23352	0.0	100.0	0.0
1979	0	15189	0	15189	0.0	100.0	0.0	0	43767	0	43767	0.0	100.0	0.0
1980	0	20572	0	20572	0.0	100.0	0.0	0	90881	0	90881	0.0	100.0	0.0
Central Neb Pub Pwr and Ir Dept														
1977	0	1386	4961	6347	0.0	21.8	78.2	0	2440	4675	7116	0.0	34.3	65.7
1978	0	1788	3159	4947	0.0	36.1	63.9	0	3007	3504	6511	0.0	46.2	53.8
1979	0	1217	4765	5982	0.0	20.3	79.7	0	2746	6805	9550	0.0	28.7	71.3
1980	0	399	4719	5118	0.0	7.8	92.2	0	1320	8544	9864	0.0	13.4	86.6
Central Power and Light (CSW)														
1977	0	1054	119825	120878	0.0	0.9	99.1	0	1720	234243	235963	0.0	0.7	99.3
1978	0	14551	114364	128915	0.0	11.3	88.7	0	28474	240141	268615	0.0	10.6	89.4
1979	1629	366	131330	133325	1.2	0.3	98.5	2898	901	287906	291705	1.0	0.3	98.7
1980	20745	0	128086	148832	13.9	0.0	86.1	43123	0	325770	368894	11.7	0.0	88.3
Central Tele and Util Corp-Col														
1977	2528	42	3051	5621	45.0	0.8	54.3	1691	110	3265	5066	33.4	2.2	64.4
1978	2735	552	2532	5819	47.0	9.5	43.5	1863	1524	3317	6703	27.8	22.7	49.5
1979	3539	188	1751	5478	64.6	3.4	32.0	2762	760	3246	6767	40.8	11.2	48.0
1980	3904	20	1362	5287	73.9	0.4	25.8	3607	123	3722	7453	48.4	1.7	49.9
Central Tele and Util Corp-Kan														
1977	0	3901	15002	18904	0.0	20.6	79.4	0	8950	16081	25031	0.0	35.8	64.2
1978	0	3916	13742	17658	0.0	22.2	77.8	0	8673	17209	25882	0.0	33.5	66.5
1979	0	1810	13140	14951	0.0	12.1	87.9	0	4517	19871	24388	0.0	18.5	81.5
1980	0	265	12202	12466	0.0	2.1	97.9	0	1211	23576	24787	0.0	4.9	95.1
Central Vt Public Service Corp														
1979	0	44	0	44	0.0	100.0	0.0	0	186	0	186	0.0	100.0	0.0
1980	0	30	0	30	0.0	100.0	0.0	0	168	0	168	0.0	100.0	0.0
Chugach Electric Association														
1977	0	0	8159	8159	0.0	0.0	100.0	0	0	2726	2726	0.0	0.0	100.0
1978	0	0	16833	16833	0.0	0.0	100.0	0	0	5998	5998	0.0	0.0	100.0
1979	0	0	14235	14235	0.0	0.0	100.0	0	0	15696	15696	0.0	0.0	100.0
1980	0	0	20238	20238	0.0	0.0	100.0	0	0	7374	7374	0.0	0.0	100.0
Cincinnati Gas and Electric Co														
1977	95623	9777	0	105400	90.7	9.3	0.0	89895	27077	0	116973	76.9	23.1	0.0
1978	113325	8556	0	121882	93.0	7.0	0.0	134881	24292	0	159173	84.7	15.3	0.0
1979	122233	4502	232	126967	96.3	3.5	0.2	151852	16896	522	169269	89.7	10.0	0.3
1980	131748	3464	643	135854	97.0	2.5	0.5	183906	19213	1925	205043	89.7	9.4	0.9
Cleveland Electric Illum Co														
1977	186718	11715	0	198432	94.1	5.9	0.0	211405	28617	0	240021	88.1	11.9	0.0
1978	130461	13391	0	143852	90.7	9.3	0.0	169250	33462	0	202713	83.5	16.5	0.0
1979	157724	9783	0	167507	94.2	5.8	0.0	228690	29828	0	258518	88.5	11.5	0.0
1980	146403	3067	0	149470	97.9	2.1	0.0	226669	13198	0	239867	94.5	5.5	0.0
Cleveland, City of														
1977	407	177	0	584	69.6	30.4	0.0	398	502	0	900	44.2	55.8	0.0
1978	0	51	0	51	0.0	100.0	0.0	0	153	0	153	0.0	100.0	0.0
1979	0	30	0	30	0.0	100.0	0.0	0	117	0	117	0.0	100.0	0.0
1980	0	22	0	22	0.0	100.0	0.0	0	129	0	129	0.0	100.0	0.0
Coffeyville Muni Lt and Wtr Dept														
1977	0	110	2880	2991	0.0	3.7	96.3	0	218	2975	3193	0.0	6.8	93.2
1978	0	96	2121	2217	0.0	4.3	95.7	0	152	2147	2299	0.0	6.6	93.4

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Total Quantity Received							Total Received Fuel Cost						
	In billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
1979	0	58	1563	1620	0.0	3.5	96.5	0	144	1999	2143	0.0	6.7	93.3
1980	0	0	1569	1569	0.0	0.0	100.0	0	0	3039	3039	0.0	0.0	100.0
Colorado Springs Dept Pub Utils														
1977	18637	2	3766	22405	83.2	0.0	16.8	15963	7	4579	20548	77.7	0.0	22.3
1978	15285	5	2687	17977	85.0	0.0	14.9	15191	14	3945	19150	79.3	0.1	20.6
1979	25929	207	2258	28395	91.3	0.7	8.0	27960	876	4463	33299	84.0	2.6	13.4
1980	27496	138	450	28084	97.9	0.5	1.6	32171	904	1285	34360	93.6	2.6	3.7
Colorado-Ute Electric Assn														
1977	25242	0	0	25242	100.0	0.0	0.0	8030	0	0	8030	100.0	0.0	0.0
1978	35635	0	0	35635	100.0	0.0	0.0	14726	0	0	14726	100.0	0.0	0.0
1979	38814	0	0	38814	100.0	0.0	0.0	18623	0	0	18623	100.0	0.0	0.0
1980	76173	31	0	76204	100.0	0.0	0.0	49314	199	0	49513	99.6	0.4	0.0
Columbia Water and Light														
1977	1537	182	0	1720	89.4	10.6	0.0	2145	472	0	2616	82.0	18.0	0.0
1978	1609	70	35	1714	93.9	4.1	2.1	2344	179	107	2630	89.1	6.8	4.1
1979	1587	0	345	1932	82.1	0.0	17.9	1956	0	684	2640	74.1	0.0	25.9
1980	1796	0	558	2354	76.3	0.0	23.7	2413	0	1343	3756	64.3	0.0	35.7
Columbus and Southern Ohio Elec														
1977	94092	1785	228	96104	97.9	1.9	0.2	82598	4644	405	87647	94.2	5.3	0.5
1978	94835	2991	44	97870	96.9	3.1	0.0	101774	8649	98	110521	92.1	7.8	0.1
1979	91384	897	385	92665	98.6	1.0	0.4	98614	3763	923	103300	95.5	3.6	0.9
1980	109134	383	1022	110540	98.7	0.3	0.9	128813	2279	2960	134051	96.1	1.7	2.2
Columbus Div of Electricity														
1977	384	57	132	573	66.9	10.0	23.1	312	158	233	703	44.5	22.4	33.1
1978	0	98	1	98	0.0	99.1	0.9	0	278	2	280	0.0	99.3	0.7
1979	0	4	0	4	0.0	100.0	0.0	0	15	0	15	0.0	100.0	0.0
Commonwealth Edison														
1977	293997	65650	4463	364111	80.7	18.0	1.2	301596	172824	9219	483639	62.4	35.7	1.9
1978	278893	85837	14161	378891	73.6	22.7	3.7	351338	231087	42967	625391	56.2	37.0	6.9
1979	307037	77089	22233	406359	75.6	19.0	5.5	512149	305127	62428	879704	58.2	34.7	7.1
1980	324604	81398	10731	416733	77.9	19.5	2.6	617783	462511	37925	1118218	55.2	41.4	3.4
Community Pub Serv-New Mexico														
1977	0	1308	989	2297	0.0	57.0	43.0	0	3280	1135	4415	0.0	74.3	25.7
1978	0	499	895	1394	0.0	35.8	64.2	0	1278	1249	2527	0.0	50.6	49.4
1979	0	499	833	1332	0.0	37.5	62.5	0	1340	1612	2952	0.0	45.4	54.6
1980	0	536	1380	1916	0.0	28.0	72.0	0	2052	3252	5304	0.0	38.7	61.3
Connecticut Lt and Pwr Co(NU)														
1977	0	42867	0	42867	0.0	100.0	0.0	0	95394	0	95394	0.0	100.0	0.0
1978	0	43501	0	43501	0.0	100.0	0.0	0	93188	0	93188	0.0	100.0	0.0
1979	0	39080	0	39080	0.0	100.0	0.0	0	134137	0	134137	0.0	100.0	0.0
1980	0	49858	0	49858	0.0	100.0	0.0	0	231180	0	231180	0.0	100.0	0.0
Consolidated Edison Co of NY														
1977	0	198033	1012	199045	0.0	99.5	0.5	0	468015	1291	469306	0.0	99.7	0.3
1978	0	184126	975	185101	0.0	99.5	0.5	0	401838	1444	403282	0.0	99.6	0.4
1979	0	115244	49363	164607	0.0	70.0	30.0	0	391431	110673	502103	0.0	78.0	22.0
1980	0	103819	80140	183958	0.0	56.4	43.6	0	510286	210142	720428	0.0	70.8	29.2
Consumers Power														
1977	121855	39379	6062	167296	72.8	23.5	3.6	133923	104217	11564	249703	53.6	41.7	4.6
1978	123597	67369	8647	199612	61.9	33.7	4.3	157651	175915	18035	351600	44.8	50.0	5.1
1979	149930	47704	4082	201716	74.3	23.6	2.0	208983	150093	9793	368868	56.7	40.7	2.7
1980	137457	35134	6169	178760	76.9	19.7	3.5	226300	147523	16267	390091	58.0	37.8	4.2
Cooperative Power Association														
1979	14757	5	0	14762	100.0	0.0	0.0	10988	4	0	10991	100.0	0.0	0.0
1980	38252	0	0	38252	100.0	0.0	0.0	27807	0	0	27807	100.0	0.0	0.0
Corn Belt Power Coop														
1977	1346	0	11	1357	99.2	0.0	0.8	1648	0	14	1662	99.2	0.0	0.8
1978	2805	0	0	2805	100.0	0.0	0.0	4012	0	0	4012	100.0	0.0	0.0
1979	4753	0	0	4753	100.0	0.0	0.0	7361	0	0	7361	100.0	0.0	0.0
1980	44	0	0	44	100.0	0.0	0.0	75	0	0	75	100.0	0.0	0.0
Crawfordsville Elec Lt and Pwr														
1977	1016	0	0	1016	100.0	0.0	0.0	1004	0	0	1004	100.0	0.0	0.0
1978	582	0	0	582	100.0	0.0	0.0	626	0	0	626	100.0	0.0	0.0
1979	67	0	0	67	100.0	0.0	0.0	74	0	0	74	100.0	0.0	0.0
Dairyland Power Cooperative														
1977	26905	0	0	26905	100.0	0.0	0.0	28402	0	0	28402	100.0	0.0	0.0
1978	37620	0	0	37620	100.0	0.0	0.0	45341	0	0	45341	100.0	0.0	0.0
1979	35502	0	0	35502	100.0	0.0	0.0	44249	0	0	44249	100.0	0.0	0.0
1980	39200	0	0	39200	100.0	0.0	0.0	54875	0	0	54875	100.0	0.0	0.0
Dallas Pwr and Lt (Texas Utils)														
1977	0	1069	88569	89638	0.0	1.2	98.8	0	2177	148702	150878	0.0	1.4	98.6
1978	0	627	74059	74687	0.0	0.8	99.2	0	1338	138201	139539	0.0	1.0	99.0
1979	0	802	63620	64422	0.0	1.2	98.8	0	2265	129731	131996	0.0	1.7	98.3
1980	0	399	68788	69187	0.0	0.6	99.4	0	2030	162629	164659	0.0	1.2	98.8
Danville Water Gas and Electric														
1977	1725	19	64	1809	95.4	1.1	3.6	2022	59	97	2178	92.8	2.7	4.5
1978	498	18	243	760	65.6	2.4	32.0	674	55	530	1259	53.5	4.4	42.1
1979	475	1	543	1019	46.6	0.1	53.3	629	5	1171	1805	34.9	0.3	64.9

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Total Quantity Received							Total Received Fuel Cost						
	in billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
1980	0	0	2	2	0.0	0.0	100.0	0	0	4	4	0.0	0.0	100.0
The Dayton Power and Light Co														
1977	158248	2878	0	161126	98.2	1.8	0.0	172468	8172	0	180640	95.5	4.5	0.0
1978	121365	3763	0	125128	97.0	3.0	0.0	156463	10681	0	167144	93.6	6.4	0.0
1979	166335	1359	305	167999	99.0	0.8	0.2	229860	5623	782	236265	97.3	2.4	0.3
1980	167511	1562	1366	170439	98.3	0.9	0.8	262759	8909	4079	275747	95.3	3.2	1.5
Delmarva Power and Light														
1977	17276	47205	259	64740	26.7	72.9	0.4	18986	103741	430	123157	15.4	84.2	0.3
1978	20135	53063	450	73649	27.3	72.0	0.6	26386	109703	751	136840	19.3	80.2	0.5
1979	26011	47280	3108	76399	34.0	61.9	4.1	36751	153343	8552	198646	18.5	77.2	4.3
1980	27573	38984	4910	71468	38.6	54.5	6.9	46768	168942	16859	232569	20.1	72.6	7.2
Denton, City of														
1977	0	784	4723	5507	0.0	14.2	85.8	0	2126	7522	9648	0.0	22.0	78.0
1978	0	183	3933	4116	0.0	4.4	95.6	0	270	8575	8845	0.0	3.1	96.9
1979	0	1607	3348	4954	0.0	32.4	67.6	0	10539	6874	17413	0.0	60.5	39.5
1980	0	226	4500	4726	0.0	4.8	95.2	0	1425	10633	12058	0.0	11.8	88.2
Detroit Public Lighting Comm														
1977	0	7789	0	7789	0.0	100.0	0.0	0	19295	0	19295	0.0	100.0	0.0
1978	0	6681	0	6681	0.0	100.0	0.0	0	15505	0	15505	0.0	100.0	0.0
1979	0	5510	0	5510	0.0	100.0	0.0	0	17342	0	17342	0.0	100.0	0.0
1980	0	3112	0	3112	0.0	100.0	0.0	0	11465	0	11465	0.0	100.0	0.0
The Detroit Edison Co														
1977	312236	53143	13045	378424	82.5	14.0	3.4	328440	141784	25188	495413	66.3	28.6	5.1
1978	273513	48303	12573	334388	81.8	14.4	3.8	335231	133140	26546	494916	67.7	26.9	5.4
1979	334084	36216	15141	385440	86.7	9.4	3.9	479154	121137	35937	636228	75.3	19.0	5.6
1980	319864	19781	8839	348483	91.8	5.7	2.5	471086	84936	24591	580613	81.1	14.6	4.2
Dover, City of														
1977	0	5759	233	5993	0.0	96.1	3.9	0	12486	478	12964	0.0	96.3	3.7
1978	0	5497	177	5674	0.0	96.9	3.1	0	11465	392	11857	0.0	96.7	3.3
1979	0	4321	1195	5516	0.0	78.3	21.7	0	12515	3400	15914	0.0	78.6	21.4
1980	0	3987	1742	5728	0.0	69.6	30.4	0	15814	6233	22047	0.0	71.7	28.3
Duke Power														
1977	366577	5952	0	372529	98.4	1.6	0.0	465364	16342	0	481706	96.6	3.4	0.0
1978	332679	6713	1108	340500	97.7	2.0	0.3	473773	18904	1924	494601	95.8	3.8	0.4
1979	358909	1221	153	360284	99.6	0.3	0.0	531175	4870	513	536558	99.0	0.9	0.1
1980	378204	1291	2994	382490	98.9	0.3	0.8	593871	7685	8521	610077	97.3	1.3	1.4
Duquesne Light														
1977	79099	5451	0	84550	93.6	6.4	0.0	71591	15655	0	87246	82.1	17.9	0.0
1978	74423	7572	0	81994	90.8	9.2	0.0	75117	21375	0	96492	77.8	22.2	0.0
1979	90713	2582	0	93295	97.2	2.8	0.0	98579	10784	0	109363	90.1	9.9	0.0
1980	91154	2444	0	93598	97.4	2.6	0.0	115144	14453	0	129597	88.8	11.2	0.0
East Kentucky Rural Elec Coop														
1977	35619	0	0	35619	100.0	0.0	0.0	37873	0	0	37873	100.0	0.0	0.0
1978	43255	0	0	43255	100.0	0.0	0.0	55661	0	0	55661	100.0	0.0	0.0
1979	39354	0	0	39354	100.0	0.0	0.0	47814	0	0	47814	100.0	0.0	0.0
1980	46241	0	0	46241	100.0	0.0	0.0	67150	0	0	67150	100.0	0.0	0.0
Eastern Iowa Light and Power														
1977	3380	0	334	3715	91.0	0.0	9.0	3433	0	399	3832	89.6	0.0	10.4
1978	4212	0	284	4496	93.7	0.0	6.3	5488	0	424	5913	92.8	0.0	7.2
1979	2355	0	8	2363	99.7	0.0	0.3	2989	0	15	3004	99.5	0.0	0.5
1980	2675	0	10	2685	99.6	0.0	0.4	3546	0	24	3570	99.3	0.0	0.7
Easton Util Comm														
1977	0	468	13	481	0.0	97.2	2.8	0	1245	29	1274	0.0	97.7	2.3
1978	0	563	36	599	0.0	94.1	5.9	0	1557	78	1635	0.0	95.2	4.8
1979	0	299	367	666	0.0	44.9	55.1	0	1166	927	2093	0.0	55.7	44.3
1980	0	281	459	740	0.0	38.0	62.0	0	1574	1609	3184	0.0	49.4	50.6
El Paso Electric														
1977	0	2728	26128	28856	0.0	9.5	90.5	0	7176	47469	54645	0.0	13.1	86.9
1978	0	1949	33401	35350	0.0	5.5	94.5	0	4527	63732	68259	0.0	6.6	93.4
1979	0	2857	25138	27996	0.0	10.2	89.8	0	9786	53264	63050	0.0	15.5	84.5
1980	0	1151	33644	34795	0.0	3.3	96.7	0	5593	84549	90142	0.0	6.2	93.8
Electric Energy														
1977	68229	80	0	68309	99.9	0.1	0.0	72328	212	0	72540	99.7	0.3	0.0
1978	59089	118	0	59206	99.8	0.2	0.0	76311	322	0	76633	99.6	0.4	0.0
1979	71406	116	0	71521	99.8	0.2	0.0	96116	569	0	96685	99.4	0.6	0.0
1980	59745	96	0	59840	99.8	0.2	0.0	85561	576	0	86136	99.3	0.7	0.0
Empire Dist Electric														
1977	17874	413	2038	20326	87.9	2.0	10.0	11497	828	2048	14373	80.0	5.8	14.2
1978	18375	977	2402	21754	84.5	4.5	11.0	16011	2277	2642	20930	76.5	10.9	12.6
1979	19020	302	2527	21848	87.1	1.4	11.6	17860	722	3737	22319	80.0	3.2	16.7
1980	19119	0	1923	21042	90.9	0.0	9.1	21192	0	3752	24945	85.0	0.0	15.0
Farmington Electric Utilities														
1977	0	0	1382	1382	0.0	0.0	100.0	0	0	1174	1174	0.0	0.0	100.0
1978	0	0	1585	1585	0.0	0.0	100.0	0	0	1905	1905	0.0	0.0	100.0
1979	0	0	1620	1620	0.0	0.0	100.0	0	0	2169	2169	0.0	0.0	100.0
1980	0	0	1305	1305	0.0	0.0	100.0	0	0	2233	2233	0.0	0.0	100.0
Fitchburg Gas and Electric														

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Total Quantity Received							Total Received Fuel Cost						
	in billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
1977	0	55	12	67	0.0	82.1	17.9	0	145	22	167	0.0	86.7	13.3
1978	0	73	0	73	0.0	100.0	0.0	0	210	0	210	0.0	100.0	0.0
1979	0	23	0	23	0.0	100.0	0.0	0	119	0	119	0.0	100.0	0.0
1980	0	88	0	88	0.0	100.0	0.0	0	458	0	458	0.0	100.0	0.0
Florida Power and Light														
1977	0	199172	86825	285997	0.0	69.6	30.4	0	445297	58024	503321	0.0	88.5	11.5
1978	0	236102	90325	326427	0.0	72.3	27.7	0	480643	74169	554812	0.0	86.6	13.4
1979	0	244224	91248	335472	0.0	72.8	27.2	0	744278	88535	832813	0.0	89.4	10.6
1980	1404	246725	91312	339442	0.4	72.7	26.9	2894	960391	100432	1063716	0.3	90.3	9.4
Florida Power Corp														
1977	21393	100132	17349	138874	15.4	72.1	12.5	31022	204978	28232	264232	11.7	77.6	10.7
1978	29781	97819	20214	147814	20.1	66.2	13.7	51615	198356	33551	283522	18.2	70.0	11.8
1979	37087	88038	16182	141308	26.2	62.3	11.5	73079	254072	34654	361805	20.2	70.2	9.6
1980	45157	95838	9771	150767	30.0	63.6	6.5	92842	339066	28345	460253	20.2	73.7	6.2
Fort Pierce, City of														
1977	0	2903	1258	4161	0.0	69.8	30.2	0	6936	1169	8105	0.0	85.6	14.4
1978	0	1026	1862	2888	0.0	35.5	64.5	0	1945	1990	3934	0.0	49.4	50.6
1979	0	416	3008	3424	0.0	12.1	87.9	0	1072	4407	5479	0.0	19.6	80.4
1980	0	4	3226	3230	0.0	0.1	99.9	0	25	6153	6178	0.0	0.4	99.6
Frankfort Light and Power Dept														
1977	546	9	0	556	98.3	1.7	0.0	576	26	0	602	95.7	4.3	0.0
Fremont Dept of Public Utilities														
1977	5068	69	346	5483	92.4	1.3	6.3	5610	244	412	6266	89.5	3.9	6.6
1978	4366	71	141	4578	95.4	1.6	3.1	5177	223	222	5623	92.1	4.0	3.9
1979	5384	24	110	5519	97.6	0.4	2.0	7455	62	223	7741	96.3	0.8	2.9
1980	3855	1	94	3949	97.6	0.0	2.4	6409	4	221	6634	96.6	0.1	3.3
Gainesville-Alachua County Utils														
1977	0	4651	3151	7803	0.0	59.6	40.4	0	9577	2843	12420	0.0	77.1	22.9
1978	0	3814	5022	8835	0.0	43.2	56.8	0	7225	5280	12504	0.0	57.8	42.2
1979	0	1993	7485	9477	0.0	21.0	79.0	0	4176	11050	15226	0.0	27.4	72.6
1980	662	1734	8246	10642	6.2	16.3	77.5	1373	6009	15952	23335	5.9	25.8	68.4
Garland Municipal Pwr and Lt														
1977	0	149	12945	13094	0.0	1.1	98.9	0	351	21017	21368	0.0	1.6	98.4
1978	0	0	14775	14775	0.0	0.0	100.0	0	0	27502	27502	0.0	0.0	100.0
1979	0	978	14840	15818	0.0	6.2	93.8	0	2538	30033	32571	0.0	7.8	92.2
1980	0	99	16555	16654	0.0	0.6	99.4	0	401	38274	38674	0.0	1.0	99.0
Georgia Power (Southern Co)														
1977	429001	29743	5281	464025	92.5	6.4	1.1	470847	79314	6142	556303	84.6	14.3	1.1
1978	400336	17787	3787	421910	94.9	4.2	0.9	499412	47402	5935	552749	90.4	8.6	1.1
1979	448361	4676	757	453795	98.8	1.0	0.2	617205	15575	1594	634374	97.3	2.5	0.3
1980	492992	1865	2347	497205	99.2	0.4	0.5	737679	11356	5421	754455	97.8	1.5	0.7
Glendale Public Service Dept														
1977	0	6284	1309	7593	0.0	82.8	17.2	0	16075	2363	18439	0.0	87.2	12.8
1978	0	2304	1430	3734	0.0	61.7	38.3	0	5942	2872	8814	0.0	67.4	32.6
1979	0	3731	2020	5751	0.0	64.9	35.1	0	13974	4897	18871	0.0	74.0	26.0
1980	0	1371	5232	6602	0.0	20.8	79.2	0	9166	17406	26572	0.0	34.5	65.5
Grand Island Utilities														
1977	0	943	1809	2752	0.0	34.2	65.8	0	1827	1684	3510	0.0	52.0	48.0
1978	0	1015	2263	3277	0.0	31.0	69.0	0	1829	2486	4315	0.0	42.4	57.6
1979	0	921	2420	3341	0.0	27.6	72.4	0	2057	3480	5537	0.0	37.2	62.8
1980	0	316	2365	2681	0.0	11.8	88.2	0	1187	4292	5479	0.0	21.7	78.3
Grand River Dam Authority														
1977	0	0	5311	5311	0.0	0.0	100.0	0	0	7294	7294	0.0	0.0	100.0
1978	0	0	5509	5509	0.0	0.0	100.0	0	0	8780	8780	0.0	0.0	100.0
1979	0	0	1596	1596	0.0	0.0	100.0	0	0	2806	2806	0.0	0.0	100.0
Green Mountain Power Corp														
1977	0	67	0	67	0.0	100.0	0.0	0	216	0	216	0.0	100.0	0.0
1979	0	21	0	21	0.0	100.0	0.0	0	145	0	145	0.0	100.0	0.0
1980	0	103	0	103	0.0	100.0	0.0	0	709	0	709	0.0	100.0	0.0
Greenville Electric Dept														
1977	0	139	2270	2409	0.0	5.8	94.2	0	339	3632	3971	0.0	8.5	91.5
1978	0	1149	2701	3849	0.0	29.8	70.2	0	3490	5093	8583	0.0	40.7	59.3
1979	0	54	2429	2484	0.0	2.2	97.8	0	148	4940	5087	0.0	2.9	97.1
1980	0	0	3054	3054	0.0	0.0	100.0	0	0	7077	7077	0.0	0.0	100.0
Greenwood Utils														
1977	1949	174	0	2123	91.8	8.2	0.0	2722	479	0	3201	85.0	15.0	0.0
1978	2170	73	22	2265	95.8	3.2	1.0	3381	177	42	3600	93.9	4.9	1.2
1979	1617	19	311	1946	83.1	1.0	16.0	2675	37	626	3339	80.1	1.1	18.7
1980	1862	0	187	2050	90.9	0.0	9.1	3383	0	479	3862	87.6	0.0	12.4
Gulf Power														
1977	58694	1332	7818	67843	86.5	2.0	11.5	68733	3149	10069	81952	83.9	3.8	12.3
1978	56899	1310	8701	66910	85.0	2.0	13.0	78486	2840	13746	95071	82.6	3.0	14.5
1979	61474	44	7246	68764	89.4	0.1	10.5	96413	151	11953	108517	88.8	0.1	11.0
1980	67830	99	4159	72088	94.1	0.1	5.8	121979	575	8791	131346	92.9	0.4	6.7
Gulf States Utilities														
1977	0	75513	207724	283237	0.0	26.7	73.3	0	151475	117880	269355	0.0	56.2	43.8
1978	0	75422	222140	297562	0.0	25.3	74.7	0	144930	162339	307269	0.0	47.2	52.8

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Total Quantity Received							Total Received Fuel Cost						
	in billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
1979	0	46442	231950	278392	0.0	16.7	83.3	0	138916	256939	395855	0.0	35.1	64.9
1980	0	6609	284016	290626	0.0	2.3	97.7	0	25203	333660	358862	0.0	7.0	93.0
Hamilton, City of														
1977	4804	1467	621	6892	69.7	21.3	9.0	5734	3881	725	10340	55.5	37.5	7.0
1978	4899	326	465	5690	86.1	5.7	8.2	7097	909	561	8568	82.8	10.6	6.6
1979	4832	31	863	5726	84.4	0.5	15.1	6833	133	1467	8432	81.0	1.6	17.4
1980	4624	8	413	5044	91.7	0.1	8.2	7684	50	1133	8867	86.7	0.6	12.8
The Hartford Elec Light Co(NU)														
1977	0	23996	0	23996	0.0	100.0	0.0	0	53710	0	53710	0.0	100.0	0.0
1978	0	24608	0	24608	0.0	100.0	0.0	0	52959	0	52959	0.0	100.0	0.0
1979	0	22665	0	22665	0.0	100.0	0.0	0	76366	0	76366	0.0	100.0	0.0
1980	0	30026	0	30026	0.0	100.0	0.0	0	139570	0	139570	0.0	100.0	0.0
Hastings Utilities														
1977	0	1337	1328	2665	0.0	50.2	49.8	0	2337	1258	3595	0.0	65.0	35.0
1978	0	919	1330	2249	0.0	40.9	59.1	0	1600	1444	3044	0.0	52.6	47.4
1979	0	354	1449	1803	0.0	19.6	80.4	0	773	2070	2843	0.0	27.2	72.8
1980	0	174	1597	1771	0.0	9.8	90.2	0	509	2921	3430	0.0	14.8	85.2
Hawaiian Electric														
1977	0	57113	0	57113	0.0	100.0	0.0	0	105825	0	105825	0.0	100.0	0.0
1978	0	58662	0	58662	0.0	100.0	0.0	0	129451	0	129451	0.0	100.0	0.0
1979	0	57356	0	57356	0.0	100.0	0.0	0	143909	0	143909	0.0	100.0	0.0
1980	0	57579	0	57579	0.0	100.0	0.0	0	215769	0	215769	0.0	100.0	0.0
Henderson Municipal Pwr and Lt														
1977	2982	0	0	2982	100.0	0.0	0.0	2603	0	0	2603	100.0	0.0	0.0
1978	2524	0	0	2524	100.0	0.0	0.0	2426	0	0	2426	100.0	0.0	0.0
1979	3056	0	0	3056	100.0	0.0	0.0	3199	0	0	3199	100.0	0.0	0.0
1980	3301	0	0	3301	100.0	0.0	0.0	4085	0	0	4085	100.0	0.0	0.0
Hawaii Electric Light Co														
1979	0	1957	0	1957	0.0	100.0	0.0	0	6670	0	6670	0.0	100.0	0.0
1980	0	3493	0	3493	0.0	100.0	0.0	0	13304	0	13304	0.0	100.0	0.0
Holland Board of Public Wks														
1977	3755	135	2	3892	96.5	3.5	0.1	4105	376	4	4485	91.5	8.4	0.1
1978	4729	8	0	4737	99.8	0.2	0.0	6929	23	0	6953	99.7	0.3	0.0
1979	4035	0	0	4035	100.0	0.0	0.0	6612	0	0	6612	100.0	0.0	0.0
1980	3127	0	0	3127	100.0	0.0	0.0	5349	0	0	5349	100.0	0.0	0.0
Holyoke Gas and Electric														
1977	0	497	111	608	0.0	81.7	18.3	0	1154	223	1376	0.0	83.8	16.2
1978	0	425	111	536	0.0	79.3	20.7	0	942	221	1163	0.0	81.0	19.0
1979	0	331	233	564	0.0	58.7	41.3	0	1019	535	1555	0.0	65.6	34.4
1980	0	239	256	495	0.0	48.2	51.8	0	1162	632	1794	0.0	64.8	35.2
Holyoke Water Power (NU)														
1977	0	8167	0	8167	0.0	100.0	0.0	0	18105	0	18105	0.0	100.0	0.0
1978	0	6843	0	6843	0.0	100.0	0.0	0	14601	0	14601	0.0	100.0	0.0
1979	0	6177	0	6177	0.0	100.0	0.0	0	20291	0	20291	0.0	100.0	0.0
1980	0	9609	0	9609	0.0	100.0	0.0	0	37180	0	37180	0.0	100.0	0.0
Hoosier Energy Div-Indiana Rec														
1977	11843	0	0	11843	100.0	0.0	0.0	6762	0	0	6762	100.0	0.0	0.0
1978	13988	0	0	13988	100.0	0.0	0.0	10574	0	0	10574	100.0	0.0	0.0
1979	15885	0	0	15885	100.0	0.0	0.0	12026	0	0	12026	100.0	0.0	0.0
1980	16283	0	0	16283	100.0	0.0	0.0	15254	0	0	15254	100.0	0.0	0.0
Houston Lighting and Power														
1977	0	0	485122	485122	0.0	0.0	100.0	0	0	513577	513577	0.0	0.0	100.0
1978	9989	0	555616	565605	1.8	0.0	98.2	18640	0	713021	731660	2.5	0.0	97.5
1979	48512	7030	492577	548119	8.9	1.3	89.9	105794	11644	822705	940143	11.3	1.2	87.5
1980	100816	4833	483313	588961	17.1	0.8	82.1	207678	10441	988253	1206371	17.2	0.9	81.9
Idaho Power Co														
1977	0	16	714	730	0.0	2.2	97.8	0	46	1382	1428	0.0	3.2	96.8
1978	0	15	44	59	0.0	24.9	75.1	0	47	94	142	0.0	33.5	66.5
1979	0	2	475	477	0.0	0.5	99.5	0	8	1339	1347	0.0	0.6	99.4
1980	0	0	49	49	0.0	0.0	100.0	0	0	186	186	0.0	0.0	100.0
Illinois Power														
1977	138272	12095	241	150609	91.8	8.0	0.2	132310	28413	349	161071	82.1	17.6	0.2
1978	155365	11592	0	166957	93.1	6.9	0.0	184364	26943	0	211306	87.2	12.8	0.0
1979	166776	7052	877	174706	95.5	4.0	0.5	211907	26143	2053	240103	88.3	10.9	0.9
1980	162044	2080	2239	166363	97.4	1.3	1.3	221993	8952	5868	236813	93.7	3.8	2.5
Imperial Irrigation District														
1977	0	7456	1664	9120	0.0	81.8	18.2	0	15028	3297	18325	0.0	82.0	18.0
1978	0	7523	533	8057	0.0	93.4	6.6	0	14367	1074	15441	0.0	93.0	7.0
1979	0	6181	2886	9067	0.0	68.2	31.8	0	17959	6940	24899	0.0	72.1	27.9
1980	0	1600	3100	4700	0.0	34.0	66.0	0	5787	10490	16277	0.0	35.6	64.4
City of Independence Pwr and Lt														
1977	3745	1403	4627	9774	38.3	14.4	47.3	3824	3795	4908	12527	30.5	30.3	39.2
1978	1716	1462	4654	7833	21.9	18.7	59.4	1980	3894	5048	10922	18.1	35.7	46.2
1979	4135	576	2948	7659	54.0	7.5	38.5	4866	2273	4109	11247	43.3	20.2	36.5
1980	5951	322	1906	8179	72.8	3.9	23.3	7128	1949	3803	12881	55.3	15.1	29.5
Indianapolis Power and Light														
1977	111260	2220	0	113480	98.0	2.0	0.0	81560	6095	0	87655	93.0	7.0	0.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Total Quantity Received							Total Received Fuel Cost						
	in billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
1978	101222	6097	0	107319	94.3	5.7	0.0	102650	17033	0	119683	85.8	14.2	0.0
1979	120552	1031	0	121583	99.2	0.8	0.0	120428	4475	0	124903	96.4	3.6	0.0
1980	134361	688	0	135049	99.5	0.5	0.0	139512	4218	0	143730	97.1	2.9	0.0
Interstate Power														
1977	37921	3470	838	42230	89.8	8.2	2.0	40234	8424	1018	49676	81.0	17.0	2.0
1978	28220	2772	20	31012	91.0	8.9	0.1	34251	6175	35	40462	84.7	15.3	0.1
1979	27548	2195	3079	32823	83.9	6.7	9.4	38178	6649	5413	50240	76.0	13.2	10.8
1980	29223	281	1687	31192	93.7	0.9	5.4	45804	1650	3299	50753	90.2	3.3	6.5
Iowa Electric Light and Power														
1977	18705	5	5762	24472	76.4	0.0	23.5	24511	12	7614	32137	76.3	0.0	23.7
1978	27164	10	3570	30744	88.4	0.0	11.6	42752	30	6022	48803	87.6	0.1	12.3
1979	19353	56	3193	22602	85.6	0.2	14.1	34994	293	6939	42226	82.9	0.7	16.4
1980	14941	78	1284	16302	91.6	0.5	7.9	32207	526	3665	36398	88.5	1.4	10.1
Iowa-Illinois Gas and Electric														
1977	6113	1371	6111	13595	45.0	10.1	45.0	6467	3687	8187	18341	35.3	20.1	44.6
1978	9648	1248	5012	15908	60.6	7.8	31.5	13569	3492	8410	25471	53.3	13.7	33.0
1979	9467	655	3694	13816	68.5	4.7	26.7	13583	2652	7954	24189	56.2	11.0	32.9
1980	6981	0	3283	10264	68.0	0.0	32.0	10669	0	8442	19111	55.8	0.0	44.2
Iowa Power and Light														
1977	13182	636	468	14287	92.3	4.5	3.3	11131	1693	602	13426	82.9	12.6	4.5
1978	31370	1077	163	32610	96.2	3.3	0.5	22532	2935	256	25723	87.6	11.4	1.0
1979	51863	5715	540	58118	89.2	9.8	0.9	40679	18515	1002	60197	67.6	30.8	1.7
1980	43648	204	739	44592	97.9	0.5	1.7	45395	1193	1646	48234	94.1	2.5	3.4
Iowa Public Service														
1977	53804	1038	2045	56888	94.6	1.8	3.6	52644	2668	2506	57817	91.1	4.6	4.3
1978	48210	933	400	49543	97.3	1.9	0.8	54681	2404	639	57723	94.7	4.2	1.1
1979	85711	1813	955	88479	96.9	2.0	1.1	105340	6733	1738	113812	92.6	5.9	1.5
1980	76581	63	1675	78320	97.8	0.1	2.1	104290	385	3338	108013	96.6	0.4	3.1
Iowa Southern Utilities														
1977	9596	325	0	9920	96.7	3.3	0.0	7839	876	0	8715	89.9	10.1	0.0
1978	10057	325	0	10382	96.9	3.1	0.0	13000	883	0	13883	93.6	6.4	0.0
1979	9524	373	0	9897	96.2	3.8	0.0	12275	2004	0	14280	86.0	14.0	0.0
1980	17250	117	0	17367	99.3	0.7	0.0	22787	702	0	23489	97.0	3.0	0.0
Jacksonville Electric Authority														
1977	0	66881	0	66881	0.0	100.0	0.0	0	141609	0	141609	0.0	100.0	0.0
1978	0	64586	0	64586	0.0	100.0	0.0	0	130746	0	130746	0.0	100.0	0.0
1979	0	63172	0	63172	0.0	100.0	0.0	0	181545	0	181545	0.0	100.0	0.0
1980	0	57375	0	57375	0.0	100.0	0.0	0	218240	0	218240	0.0	100.0	0.0
Jamestown Bd of Public Utilities														
1977	2736	0	0	2736	100.0	0.0	0.0	2739	0	0	2739	100.0	0.0	0.0
1978	1105	0	0	1105	100.0	0.0	0.0	1338	0	0	1338	100.0	0.0	0.0
1979	2137	0	0	2137	100.0	0.0	0.0	2634	0	0	2634	100.0	0.0	0.0
1980	3981	0	0	3981	100.0	0.0	0.0	4998	0	0	4998	100.0	0.0	0.0
Jonesboro Water and Light Plant														
1977	0	90	3	93	0.0	96.8	3.2	0	180	3	183	0.0	98.2	1.8
1978	0	220	2	222	0.0	99.1	0.9	0	437	3	440	0.0	99.3	0.7
1979	0	26	115	141	0.0	18.2	81.8	0	77	205	282	0.0	27.4	72.6
1980	0	0	91	91	0.0	0.0	100.0	0	0	201	201	0.0	0.0	100.0
Kansas City Bd Public Utilities														
1977	13305	440	9469	23215	57.3	1.9	40.8	12791	1150	10352	24293	52.7	4.7	42.6
1978	13119	699	10157	23975	54.7	2.9	42.4	14550	1862	11814	28227	51.5	6.6	41.9
1979	17638	208	6239	24085	73.2	0.9	25.9	21140	1180	9138	31458	67.2	3.8	29.0
1980	16670	157	5343	22169	75.2	0.7	24.1	23038	917	11790	35745	64.5	2.6	33.0
Kansas City Power and Light														
1977	131801	6180	8003	145985	90.3	4.2	5.5	76034	16362	9417	101813	74.7	16.1	9.2
1978	111436	5835	6164	123436	90.3	4.7	5.0	80214	15542	7215	102972	77.9	15.1	7.0
1979	128029	2337	7104	137471	93.1	1.7	5.2	104896	8632	10843	124370	84.3	6.9	8.7
1980	162973	1335	6110	170418	95.6	0.8	3.6	161250	7976	13923	183149	88.0	4.4	7.6
Kansas Gas and Electric														
1977	0	9840	38134	47973	0.0	20.5	79.5	0	18597	36445	55042	0.0	33.8	66.2
1978	0	11385	36777	48162	0.0	23.6	76.4	0	19484	43292	62776	0.0	31.0	69.0
1979	0	6767	42404	49172	0.0	13.8	86.2	0	13339	59902	73241	0.0	18.2	81.8
1980	0	0	40925	40925	0.0	0.0	100.0	0	0	69275	69275	0.0	0.0	100.0
The Kansas Power and Light Co														
1977	29410	11270	36905	77585	37.9	14.5	47.6	30485	24319	38348	93152	32.7	26.1	41.2
1978	63774	9427	26875	100076	63.7	9.4	26.9	61539	19352	33572	114463	53.8	16.9	29.3
1979	89613	5182	19917	114711	78.1	4.5	17.4	95645	12817	26400	134862	70.9	9.5	19.6
1980	97862	0	13332	111194	88.0	0.0	12.0	108107	0	20863	128969	83.8	0.0	16.2
Kentucky Utilities														
1977	93241	566	95	93902	99.3	0.6	0.1	96096	1531	170	97797	98.3	1.6	0.2
1978	92002	223	17	92241	99.7	0.2	0.0	115897	614	35	116546	99.4	0.5	0.0
1979	100171	30	16	100217	100.0	0.0	0.0	127658	106	37	127800	99.9	0.1	0.0
1980	97082	20	5	97107	100.0	0.0	0.0	132962	111	17	133090	99.9	0.1	0.0
Utilities Board City of Key West														
1977	0	4137	0	4137	0.0	100.0	0.0	0	7834	0	7834	0.0	100.0	0.0
1978	0	4596	0	4596	0.0	100.0	0.0	0	8761	0	8761	0.0	100.0	0.0
1979	0	4511	0	4511	0.0	100.0	0.0	0	13471	0	13471	0.0	100.0	0.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Total Quantity Received							Total Received Fuel Cost						
	in billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
1980	0	4667	0	4667	0.0	100.0	0.0	0	16957	0	16957	0.0	100.0	0.0
City of Lafayette Util System														
1977	0	245	14912	15158	0.0	1.6	98.4	0	334	21274	21608	0.0	1.5	98.5
1978	0	36	18415	18451	0.0	0.2	99.8	0	57	35505	35562	0.0	0.2	99.8
1979	0	0	17280	17280	0.0	0.0	100.0	0	0	37481	37481	0.0	0.0	100.0
1980	0	409	15477	15886	0.0	2.6	97.4	0	1847	40455	42302	0.0	4.4	95.6
Lake Superior Dist Power														
1977	1437	147	257	1841	78.0	8.0	14.0	1899	384	282	2565	74.0	15.0	11.0
1978	1681	0	157	1838	91.5	0.0	8.5	2388	0	209	2597	92.0	0.0	8.0
1979	2231	0	365	2596	86.0	0.0	14.0	3450	0	615	4065	84.9	0.0	15.1
1980	2950	0	141	3091	95.4	0.0	4.6	4715	0	262	4976	94.7	0.0	5.3
Lake Worth Utilities														
1977	0	495	2676	3171	0.0	15.6	84.4	0	1174	2676	3849	0.0	30.5	69.5
1978	0	369	2708	3077	0.0	12.0	88.0	0	804	3282	4086	0.0	19.7	80.3
1979	0	587	2688	3275	0.0	17.9	82.1	0	2528	4574	7102	0.0	35.6	64.4
1980	0	415	3156	3571	0.0	11.6	88.4	0	1568	7433	9002	0.0	17.4	82.6
Lakeland Dept of Elec Wtr Utils														
1977	0	8540	3449	11989	0.0	71.2	28.8	0	18885	3688	22573	0.0	83.7	16.3
1978	0	8256	5301	13557	0.0	60.9	39.1	0	16885	5856	22741	0.0	74.2	25.8
1979	0	6902	7514	14415	0.0	47.9	52.1	0	21152	11323	32476	0.0	65.1	34.9
1980	0	7406	8583	15989	0.0	46.3	53.7	0	28467	16373	44839	0.0	63.5	36.5
Lamar Utilities Board														
1977	0	0	1225	1225	0.0	0.0	100.0	0	0	1064	1064	0.0	0.0	100.0
1978	0	0	1158	1158	0.0	0.0	100.0	0	0	1421	1421	0.0	0.0	100.0
1979	0	0	1182	1182	0.0	0.0	100.0	0	0	1510	1510	0.0	0.0	100.0
1980	0	0	1149	1149	0.0	0.0	100.0	0	0	1629	1629	0.0	0.0	100.0
Lansing Board of Water and Light														
1977	31252	0	0	31252	100.0	0.0	0.0	40201	0	0	40201	100.0	0.0	0.0
1978	26011	0	0	26011	100.0	0.0	0.0	41441	0	0	41441	100.0	0.0	0.0
1979	28541	0	0	28541	100.0	0.0	0.0	49043	0	0	49043	100.0	0.0	0.0
1980	29295	0	0	29295	100.0	0.0	0.0	56509	0	0	56509	100.0	0.0	0.0
Lea County Electric Coop														
1977	0	0	4572	4572	0.0	0.0	100.0	0	0	5633	5633	0.0	0.0	100.0
1978	0	0	3434	3434	0.0	0.0	100.0	0	0	5989	5989	0.0	0.0	100.0
1979	0	0	2658	2658	0.0	0.0	100.0	0	0	5384	5384	0.0	0.0	100.0
1980	0	0	2612	2612	0.0	0.0	100.0	0	0	6461	6461	0.0	0.0	100.0
Lincoln Electric System														
1977	0	526	19	545	0.0	96.5	3.5	0	1290	23	1313	0.0	98.2	1.8
1978	0	193	3	196	0.0	98.7	1.3	0	474	4	478	0.0	99.1	0.9
1979	0	47	29	77	0.0	61.9	38.1	0	143	69	212	0.0	67.4	32.6
1980	0	13	22	35	0.0	37.3	62.7	0	45	49	94	0.0	47.6	52.4
Logansport Indiana Electric Dept														
1977	1772	375	0	2148	82.5	17.5	0.0	1465	1013	0	2478	59.1	40.9	0.0
1978	1895	253	0	2148	88.2	11.8	0.0	2364	704	0	3069	77.0	23.0	0.0
1979	1532	54	0	1586	96.6	3.4	0.0	2223	223	0	2446	90.9	9.1	0.0
1980	1463	60	0	1523	96.1	3.9	0.0	1821	356	0	2176	83.7	16.3	0.0
Long Island Lighting														
1977	0	127638	1975	129614	0.0	98.5	1.5	0	256082	2926	259008	0.0	98.9	1.1
1978	0	128270	7	128277	0.0	100.0	0.0	0	239282	11	239292	0.0	100.0	0.0
1979	0	106435	11135	117570	0.0	90.5	9.5	0	281045	31847	312892	0.0	89.8	10.2
1980	0	94982	21063	116045	0.0	81.8	18.2	0	347163	64043	411206	0.0	84.4	15.6
Los Angeles Dept of Wtr and Pwr														
1977	0	106114	21729	127843	0.0	83.0	17.0	0	265657	40198	305855	0.0	86.9	13.1
1978	0	59868	35254	95122	0.0	62.9	37.1	0	153492	71200	224692	0.0	68.3	31.7
1979	0	87094	32246	119340	0.0	73.0	27.0	0	284378	76443	360820	0.0	78.8	21.2
1980	0	56493	50741	107234	0.0	52.7	47.3	0	294742	171510	466253	0.0	63.2	36.8
Louisiana Power and Light (MSU)														
1977	0	41002	163145	204147	0.0	20.1	79.9	0	79582	60937	140519	0.0	56.6	43.4
1978	0	52392	170784	223176	0.0	23.5	76.5	0	101557	75158	176716	0.0	57.5	42.5
1979	0	37905	159403	197307	0.0	19.2	80.8	0	96781	95555	192337	0.0	50.3	49.7
1980	0	34227	142756	176983	0.0	19.3	80.7	0	124503	173642	298144	0.0	41.8	58.2
Louisville Gas and Electric														
1977	64583	83	594	65260	99.0	0.1	0.9	50028	243	563	50834	98.4	0.5	1.1
1978	94555	235	2198	96988	97.5	0.2	2.3	109797	652	2254	112703	97.4	0.6	2.0
1979	86628	211	903	87743	98.7	0.2	1.0	92580	986	1472	95039	97.4	1.0	1.5
1980	76747	365	1850	78962	97.2	0.5	2.3	92376	2231	3936	98543	93.7	2.3	4.0
Lower Colorado River Authority														
1977	0	418	28620	29038	0.0	1.4	98.6	0	1012	56323	57335	0.0	1.8	98.2
1978	0	0	37146	37146	0.0	0.0	100.0	0	0	78497	78497	0.0	0.0	100.0
1979	30981	444	29409	60834	50.9	0.7	48.3	57200	1740	65332	124273	46.0	1.4	52.6
1980	62967	314	18903	82183	76.6	0.4	23.0	130422	1819	48961	181201	72.0	1.0	27.0
Lubbock Power and Light Dept														
1977	0	203	7502	7705	0.0	2.6	97.4	0	508	11296	11804	0.0	4.3	95.7
1978	0	237	8085	8322	0.0	2.8	97.2	0	597	13835	14432	0.0	4.1	95.9
1979	0	166	8071	8238	0.0	2.0	98.0	0	571	16589	17160	0.0	3.3	96.7
1980	0	0	8911	8911	0.0	0.0	100.0	0	0	21890	21890	0.0	0.0	100.0
Madison Gas and Electric														

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Total Quantity Received							Total Received Fuel Cost						
	in billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
1977	4675	828	573	6076	76.9	13.6	9.4	5402	2259	882	8542	63.2	26.4	10.3
1978	4365	1323	528	6216	70.2	21.3	8.5	5509	3604	989	10102	54.5	35.7	9.8
1979	4813	155	2928	7896	61.0	2.0	37.1	7349	687	6268	14304	51.4	4.8	43.8
1980	3938	9	2014	5961	66.1	0.2	33.8	6348	55	5800	12203	52.0	0.5	47.5
Manitowoc Public Utilities														
1977	3368	0	0	3368	100.0	0.0	0.0	4793	0	0	4793	100.0	0.0	0.0
1978	2506	0	0	2506	100.0	0.0	0.0	4314	0	0	4314	100.0	0.0	0.0
1979	1366	0	0	1366	100.0	0.0	0.0	2781	0	0	2781	100.0	0.0	0.0
1980	1556	0	0	1556	100.0	0.0	0.0	3150	0	0	3150	100.0	0.0	0.0
Marquette Bd of Light and Power														
1977	2851	0	0	2851	100.0	0.0	0.0	3192	0	0	3192	100.0	0.0	0.0
1978	2105	0	0	2105	100.0	0.0	0.0	2889	0	0	2889	100.0	0.0	0.0
1979	3310	0	0	3310	100.0	0.0	0.0	4974	0	0	4974	100.0	0.0	0.0
1980	1895	0	0	1895	100.0	0.0	0.0	3152	0	0	3152	100.0	0.0	0.0
Marshall Municipal Utilities														
1977	424	0	714	1138	37.2	0.0	62.8	466	0	835	1301	35.8	0.0	64.2
1978	396	0	807	1203	32.9	0.0	67.1	440	0	882	1321	33.3	0.0	66.7
1979	242	0	994	1236	19.6	0.0	80.4	281	0	1465	1746	16.1	0.0	83.9
1980	44	0	1090	1134	3.9	0.0	96.1	48	0	2301	2349	2.1	0.0	97.9
Marshfield Elec and Wtr Dept														
1977	2081	58	272	2410	86.3	2.4	11.3	2885	160	500	3545	81.4	4.5	14.1
1978	1511	4	174	1690	89.4	0.2	10.3	2420	11	347	2778	87.1	0.4	12.5
1979	1761	3	133	1897	92.8	0.2	7.0	3003	9	323	3334	90.1	0.3	9.7
1980	1098	0	97	1195	91.9	0.0	8.1	2068	0	303	2371	87.2	0.0	12.8
Maui Electric														
1977	0	4731	0	4731	0.0	100.0	0.0	0	10793	0	10793	0.0	100.0	0.0
1978	0	4894	0	4894	0.0	100.0	0.0	0	11679	0	11679	0.0	100.0	0.0
1979	0	4460	0	4460	0.0	100.0	0.0	0	14647	0	14647	0.0	100.0	0.0
1980	0	4992	0	4992	0.0	100.0	0.0	0	22681	0	22681	0.0	100.0	0.0
Mcpherson Bd of Public Utilities														
1977	0	1051	1697	2747	0.0	38.2	61.8	0	2764	1807	4571	0.0	60.5	39.5
1978	0	905	1926	2832	0.0	32.0	68.0	0	2252	2591	4844	0.0	46.5	53.5
1979	0	193	1483	1676	0.0	11.5	88.5	0	475	2024	2498	0.0	19.0	81.0
1980	0	60	601	661	0.0	9.0	91.0	0	271	976	1247	0.0	21.7	78.3
Medina Electric Coop														
1977	0	51	5257	5308	0.0	1.0	99.0	0	68	10772	10840	0.0	0.6	99.4
1978	0	0	3700	3700	0.0	0.0	100.0	0	0	7890	7890	0.0	0.0	100.0
1979	0	1	2597	2599	0.0	0.1	99.9	0	2	5934	5936	0.0	0.0	100.0
1980	0	0	2440	2440	0.0	0.0	100.0	0	0	6439	6439	0.0	0.0	100.0
Menasha Elec and Wtr Utilities														
1977	1393	0	0	1393	100.0	0.0	0.0	1826	0	0	1826	100.0	0.0	0.0
1978	962	0	0	962	100.0	0.0	0.0	1531	0	0	1531	100.0	0.0	0.0
1979	988	0	0	988	100.0	0.0	0.0	1636	0	0	1636	100.0	0.0	0.0
1980	638	0	0	638	100.0	0.0	0.0	1181	0	0	1181	100.0	0.0	0.0
Michigan St University														
1977	4327	0	26	4353	99.4	0.0	0.6	5485	0	60	5545	98.9	0.0	1.1
1978	3964	0	318	4282	92.6	0.0	7.4	6128	0	664	6792	90.2	0.0	9.8
1979	4112	0	110	4222	97.4	0.0	2.6	6700	0	287	6987	95.9	0.0	4.1
1980	3818	0	59	3877	98.5	0.0	1.5	6836	0	160	6996	97.7	0.0	2.3
Minden, City of														
1977	0	34	165	199	0.0	17.3	82.7	0	93	280	373	0.0	24.9	75.1
1978	0	290	96	386	0.0	75.2	24.8	0	785	163	947	0.0	82.8	17.2
1979	0	229	145	374	0.0	61.3	38.7	0	969	299	1268	0.0	76.4	23.6
1980	0	5	444	449	0.0	1.1	98.9	0	31	999	1030	0.0	3.0	97.0
Minnesota Power and Light														
1977	45337	3286	49	48672	93.1	6.8	0.1	30524	6276	78	36878	82.8	17.0	0.2
1978	41805	2991	20	44815	93.3	6.7	0.0	32695	6304	38	39037	83.8	16.1	0.1
1979	48338	2593	23	50954	94.9	5.1	0.0	49222	6688	51	55961	88.0	12.0	0.1
1980	56381	1930	3	58313	96.7	3.3	0.0	52430	8984	8	61422	85.4	14.6	0.0
Minnkota Power Coop														
1977	19878	83	0	19961	99.6	0.4	0.0	4791	225	0	5016	95.5	4.5	0.0
1978	44723	212	0	44936	99.5	0.5	0.0	15979	604	0	16583	96.4	3.6	0.0
1979	52252	294	0	52546	99.4	0.6	0.0	16960	1160	0	18120	93.6	6.4	0.0
1980	51289	304	0	51594	99.4	0.6	0.0	20382	1846	0	22228	91.7	8.3	0.0
Mississippi Pwr and Lt (MSU)														
1977	0	83557	25904	109461	0.0	76.3	23.7	0	146159	35312	181471	0.0	80.5	19.5
1978	0	94159	30734	124893	0.0	75.4	24.6	0	162979	43989	206969	0.0	78.7	21.3
1979	0	61203	48892	110095	0.0	55.6	44.4	0	133475	84472	217947	0.0	61.2	38.8
1980	0	31751	80793	112544	0.0	28.2	71.8	0	96345	169730	266074	0.0	36.2	63.8
Mississippi Power (Southern Co)														
1977	40591	22064	9558	72213	56.2	30.6	13.2	42820	49665	11083	103567	41.3	48.0	10.7
1978	34014	22426	8572	65011	52.3	34.5	13.2	47366	48346	10031	105743	44.8	45.7	9.5
1979	50044	2044	8419	60507	82.7	3.4	13.9	83899	6522	14893	105314	79.7	6.2	14.1
1980	70421	311	9303	80035	88.0	0.4	11.6	129500	1427	18425	149351	86.7	1.0	12.3
Missouri Power and Light														
1978	0	144	0	144	0.0	100.0	0.0	0	376	0	376	0.0	100.0	0.0
1979	0	18	0	18	0.0	100.0	0.0	0	89	0	89	0.0	100.0	0.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Total Quantity Received							Total Received Fuel Cost						
	in billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
1980	0	44	0	44	0.0	100.0	0.0	0	179	0	179	0.0	100.0	0.0
Missouri Public Service														
1977	16200	289	1973	18462	87.7	1.6	10.7	8294	742	2138	11174	74.2	6.6	19.1
1978	22113	815	1230	24158	91.5	3.4	5.1	18048	2069	1471	21588	83.6	9.6	6.8
1979	18416	143	1455	20014	92.0	0.7	7.3	21537	1009	2085	24631	87.4	4.1	8.5
1980	15961	174	1217	17351	92.0	1.0	7.0	23062	1002	2727	26790	86.1	3.7	10.2
Monroe, City of														
1977	0	59	5969	6027	0.0	1.0	99.0	0	154	12223	12378	0.0	1.2	98.8
1978	0	0	441	441	0.0	0.0	100.0	0	0	971	971	0.0	0.0	100.0
Montana-Dakota Utilities														
1977	12088	0	11	12100	99.9	0.0	0.1	6104	0	12	6116	99.8	0.0	0.2
1978	10452	0	21	10473	99.8	0.0	0.2	5848	0	23	5871	99.6	0.0	0.4
1979	10696	42	6	10743	99.6	0.4	0.1	6665	168	9	6842	97.4	2.5	0.1
1980	11264	62	8	11333	99.4	0.5	0.1	8209	308	15	8532	96.2	3.6	0.2
The Montana Power Co														
1977	50671	1015	851	52536	96.4	1.9	1.6	12903	2306	568	15777	81.8	14.6	3.6
1978	52431	325	741	53496	98.0	0.6	1.4	15493	1034	519	17046	90.9	6.1	3.0
1979	55929	452	1892	58273	96.0	0.8	3.2	18426	1364	3983	23773	77.5	5.7	16.8
1980	53328	158	4272	57759	92.3	0.3	7.4	21630	749	16550	38930	55.6	1.9	42.5
Moorhead Public Service Dept														
1977	516	5	0	522	99.0	1.0	0.0	439	15	0	454	96.7	3.3	0.0
1978	1950	3	0	1953	99.9	0.1	0.0	1598	8	0	1606	99.5	0.5	0.0
1979	2268	7	0	2276	99.7	0.3	0.0	1991	32	0	2022	98.4	1.6	0.0
1980	1225	0	0	1225	100.0	0.0	0.0	1256	0	0	1256	100.0	0.0	0.0
Muscatine Power and Water														
1977	6680	0	53	6733	99.2	0.0	0.8	7711	0	66	7777	99.1	0.0	0.9
1978	5321	0	0	5321	100.0	0.0	0.0	6916	0	0	6916	100.0	0.0	0.0
1979	7391	0	0	7391	100.0	0.0	0.0	9582	0	0	9582	100.0	0.0	0.0
1980	4690	0	0	4690	100.0	0.0	0.0	6426	0	0	6426	100.0	0.0	0.0
Natchitoches, City of														
1977	0	35	1598	1633	0.0	2.1	97.9	0	101	2588	2689	0.0	3.8	96.2
1978	0	23	1230	1253	0.0	1.9	98.1	0	66	2464	2529	0.0	2.6	97.4
1979	0	2	941	944	0.0	0.3	99.7	0	9	2168	2177	0.0	0.4	99.6
1980	0	0	1329	1329	0.0	0.0	100.0	0	0	3794	3794	0.0	0.0	100.0
Nebraska Public Power System														
1977	17623	1139	2823	21585	81.6	5.3	13.1	21713	2317	2850	26880	80.8	8.6	10.6
1978	23178	3893	2658	29729	78.0	13.1	8.9	27537	7448	2908	37893	72.7	19.7	7.7
1979	36515	1540	1844	39899	91.5	3.9	4.6	36458	5450	2628	44536	81.9	12.2	5.9
1980	36592	498	869	37959	96.4	1.3	2.3	43679	2703	1467	47849	91.3	5.6	3.1
Nevada Power														
1977	19975	674	9896	30546	65.4	2.2	32.4	21731	1657	13820	37209	58.4	4.5	37.1
1978	23130	241	16681	40051	57.8	0.6	41.6	28821	608	24497	53925	53.4	1.1	45.4
1979	25520	1002	21545	48068	53.1	2.1	44.8	37557	3900	43231	84688	44.3	4.6	51.0
1980	21672	423	20347	42441	51.1	1.0	47.9	33645	2271	48302	84218	40.0	2.7	57.4
New Bedford Gas and Ed Lt (NEGA)														
1977	0	1058	375	1433	0.0	73.8	26.2	0	2284	675	2960	0.0	77.2	22.8
1978	0	1088	0	1088	0.0	100.0	0.0	0	2166	0	2166	0.0	100.0	0.0
1979	0	824	66	890	0.0	92.6	7.4	0	2819	169	2989	0.0	94.3	5.7
1980	0	891	501	1392	0.0	64.0	36.0	0	4055	1746	5801	0.0	69.9	30.1
New England Power (NEES)														
1977	0	112489	0	112489	0.0	100.0	0.0	0	230392	0	230392	0.0	100.0	0.0
1978	0	127543	0	127543	0.0	100.0	0.0	0	232076	0	232076	0.0	100.0	0.0
1979	54	115473	0	115527	0.0	100.0	0.0	126	291599	0	291725	0.0	100.0	0.0
1980	16947	93181	0	110127	15.4	84.6	0.0	32978	339555	0	372533	8.9	91.1	0.0
New Mexico Electric Service														
1977	0	0	7971	7971	0.0	0.0	100.0	0	0	10730	10730	0.0	0.0	100.0
1978	0	0	7259	7259	0.0	0.0	100.0	0	0	12133	12133	0.0	0.0	100.0
1979	0	0	7406	7406	0.0	0.0	100.0	0	0	16378	16378	0.0	0.0	100.0
1980	0	0	7941	7941	0.0	0.0	100.0	0	0	21124	21124	0.0	0.0	100.0
New Orleans Public Service (MSU)														
1977	0	23754	17605	41359	0.0	57.4	42.6	0	43240	29735	72975	0.0	59.3	40.7
1978	0	26601	20432	47034	0.0	56.6	43.4	0	46611	33134	79745	0.0	58.5	41.5
1979	0	10938	36561	47499	0.0	23.0	77.0	0	24225	86788	111012	0.0	21.8	78.2
1980	0	3008	46106	49114	0.0	6.1	93.9	0	10995	125481	136476	0.0	8.1	91.9
Sewer and Water Board N Orleans														
1977	0	20	1688	1707	0.0	1.2	98.8	0	49	2372	2420	0.0	2.0	98.0
1978	0	12	1690	1702	0.0	0.7	99.3	0	32	2710	2742	0.0	1.2	98.8
1979	0	2	1528	1530	0.0	0.1	99.9	0	4	3180	3184	0.0	0.1	99.9
1980	0	6	1412	1418	0.0	0.4	99.6	0	38	3409	3447	0.0	1.1	98.9
Public Utilities Comm - New Ulm														
1977	1570	9	333	1912	82.1	0.5	17.4	2117	23	346	2486	85.2	0.9	13.9
1978	1636	18	20	1675	97.7	1.1	1.2	2575	52	27	2653	97.0	1.9	1.0
1979	1951	3	625	2579	75.6	0.1	24.2	3234	11	1067	4312	75.0	0.3	24.8
1980	1020	50	772	1843	55.3	2.7	41.9	1821	306	1528	3655	49.8	8.4	41.8
New York State Electric and Gas														
1977	57839	0	0	57839	100.0	0.0	0.0	57778	0	0	57778	100.0	0.0	0.0
1978	53553	0	0	53553	100.0	0.0	0.0	59748	0	0	59748	100.0	0.0	0.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Total Quantity Received							Total Received Fuel Cost						
	in billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
1979	55236	0	0	55236	100.0	0.0	0.0	67354	0	0	67354	100.0	0.0	0.0
1980	56284	0	0	56284	100.0	0.0	0.0	75458	0	0	75458	100.0	0.0	0.0
Niagra-Mohawk Power														
1977	72647	70416	0	143064	50.8	49.2	0.0	94393	150034	0	244426	38.6	61.4	0.0
1978	68322	61560	0	129883	52.6	47.4	0.0	96482	123331	0	219813	43.9	56.1	0.0
1979	76923	56652	0	133575	57.6	42.4	0.0	113107	169036	0	282143	40.1	59.9	0.0
1980	76798	59968	0	136767	56.2	43.8	0.0	120812	269792	0	390604	30.9	69.1	0.0
Northern Indiana Public Service														
1977	104265	1939	295	106499	97.9	1.8	0.3	110332	5231	455	116018	95.1	4.5	0.4
1978	101862	1753	2688	106303	95.8	1.6	2.5	143384	4823	4454	152660	93.9	3.2	2.9
1979	116323	2550	2029	120902	96.2	2.1	1.7	181496	10483	4595	196574	92.3	5.3	2.3
1980	103883	2310	978	107171	96.9	2.2	0.9	184627	13502	2562	200691	92.0	6.7	1.3
Northern Michigan Electric Coop														
1977	3278	0	0	3278	100.0	0.0	0.0	4426	0	0	4426	100.0	0.0	0.0
1978	2970	0	0	2970	100.0	0.0	0.0	4622	0	0	4622	100.0	0.0	0.0
1979	2625	0	0	2625	100.0	0.0	0.0	4446	0	0	4446	100.0	0.0	0.0
1980	3346	0	0	3346	100.0	0.0	0.0	5958	0	0	5958	100.0	0.0	0.0
Northern States Power														
1977	145602	6814	375	152791	95.3	4.5	0.2	102563	17300	364	120227	85.3	14.4	0.3
1978	141847	5454	56	147357	96.3	3.7	0.0	108168	14083	69	122320	88.4	11.5	0.1
1979	159663	2215	491	162369	98.3	1.4	0.3	152387	9774	916	163076	93.4	6.0	0.6
1980	142752	3111	1159	147022	97.1	2.1	0.8	149473	17678	2303	169453	88.2	10.4	1.4
Ohio Edison														
1977	166410	6625	0	173035	96.2	3.8	0.0	156092	19506	0	175599	88.9	11.1	0.0
1978	145791	9056	0	154847	94.2	5.8	0.0	165492	27878	0	193370	85.6	14.4	0.0
1979	171362	3059	0	174420	98.2	1.8	0.0	213286	13327	0	226613	94.1	5.9	0.0
1980	183682	1986	0	185668	98.9	1.1	0.0	262765	11459	0	274224	95.8	4.2	0.0
Ohio Valley Electric Coop														
1977	77230	0	0	77230	100.0	0.0	0.0	51971	0	0	51971	100.0	0.0	0.0
1978	64924	0	0	64924	100.0	0.0	0.0	56467	0	0	56467	100.0	0.0	0.0
1979	70688	0	0	70688	100.0	0.0	0.0	74906	0	0	74906	100.0	0.0	0.0
1980	65803	0	0	65803	100.0	0.0	0.0	77423	0	0	77423	100.0	0.0	0.0
Oklahoma Gas and Electric														
1977	32254	21	174437	206712	15.6	0.0	84.4	34694	26	216206	250927	13.8	0.0	86.2
1978	35270	0	177166	212436	16.6	0.0	83.4	37554	0	247590	285144	13.2	0.0	86.8
1979	59563	574	172020	232156	25.7	0.2	74.1	65296	2332	257962	325590	20.1	0.7	79.2
1980	88324	107	171958	260389	33.9	0.0	66.0	101952	565	285147	387663	26.3	0.1	73.6
Omaha Public Power District														
1977	26650	498	91	27239	97.8	1.8	0.3	24518	1310	113	25940	94.5	5.0	0.4
1978	28584	783	127	29494	96.9	2.7	0.4	29665	2171	188	32024	92.6	6.8	0.6
1979	38420	581	202	39203	98.0	1.5	0.5	45728	3468	376	49572	92.2	7.0	0.8
1980	46265	128	266	46659	99.2	0.3	0.6	57585	770	560	58915	97.7	1.3	1.0
Opelousas Municipal Elec Dept														
1977	0	0	1467	1467	0.0	0.0	100.0	0	0	2851	2851	0.0	0.0	100.0
1978	0	0	947	947	0.0	0.0	100.0	0	0	2207	2207	0.0	0.0	100.0
1979	0	0	632	632	0.0	0.0	100.0	0	0	1815	1815	0.0	0.0	100.0
1980	0	0	605	605	0.0	0.0	100.0	0	0	1839	1839	0.0	0.0	100.0
Orange and Rockland Utilities														
1977	0	65778	1054	66833	0.0	98.4	1.6	0	152413	1475	153888	0.0	99.0	1.0
1978	0	57398	124	57522	0.0	99.8	0.2	0	125370	198	125568	0.0	99.8	0.2
1979	0	41814	12154	53968	0.0	77.5	22.5	0	140284	24324	164608	0.0	85.2	14.8
1980	0	35232	20371	55603	0.0	63.4	36.6	0	162302	50054	212356	0.0	76.4	23.6
Orlando Utilities Comm														
1977	0	18425	5624	24049	0.0	76.6	23.4	0	39600	5441	45041	0.0	87.9	12.1
1978	0	20772	8734	29506	0.0	70.4	29.6	0	40441	9366	49806	0.0	81.2	18.8
1979	0	19143	13863	33006	0.0	58.0	42.0	0	53313	20919	74232	0.0	71.8	28.2
1980	0	14006	15963	29969	0.0	46.7	53.3	0	52114	31782	83896	0.0	62.1	37.9
Orrville Municipal Utilities														
1977	2698	0	0	2698	100.0	0.0	0.0	2158	0	0	2158	100.0	0.0	0.0
1978	2277	0	0	2277	100.0	0.0	0.0	1822	0	0	1822	100.0	0.0	0.0
1979	2507	0	0	2507	100.0	0.0	0.0	2006	0	0	2006	100.0	0.0	0.0
1980	2647	0	0	2647	100.0	0.0	0.0	2727	0	0	2727	100.0	0.0	0.0
Otter Tail Power														
1977	37431	152	0	37583	99.6	0.4	0.0	21913	463	0	22376	97.9	2.1	0.0
1978	44150	113	0	44263	99.7	0.3	0.0	27975	348	0	28323	98.8	1.2	0.0
1979	37814	209	0	38023	99.5	0.5	0.0	26330	988	0	27318	96.4	3.6	0.0
1980	39009	203	0	39212	99.5	0.5	0.0	31712	1312	0	33024	96.0	4.0	0.0
Owatonna Public Utilities														
1977	0	1263	322	1585	0.0	79.7	20.3	0	2487	345	2831	0.0	87.8	12.2
1978	0	1437	0	1437	0.0	100.0	0.0	0	2699	0	2699	0.0	100.0	0.0
1979	0	653	1104	1756	0.0	37.2	62.8	0	1534	1846	3379	0.0	45.4	54.6
1980	0	210	1633	1844	0.0	11.4	88.6	0	571	3252	3822	0.0	14.9	85.1
Owensboro Municipal Utilities														
1977	25146	0	0	25146	100.0	0.0	0.0	19385	0	0	19385	100.0	0.0	0.0
1978	20604	0	0	20604	100.0	0.0	0.0	21555	0	0	21555	100.0	0.0	0.0
1979	21870	0	0	21870	100.0	0.0	0.0	27473	0	0	27473	100.0	0.0	0.0
1980	21003	0	0	21003	100.0	0.0	0.0	29406	0	0	29406	100.0	0.0	0.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Total Quantity Received							Total Received Fuel Cost						
	in billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
Pacific Gas and Electric														
1977	0	233609	245198	478807	0.0	48.8	51.2	0	545158	538887	1084045	0.0	50.3	49.7
1978	0	136133	140749	276883	0.0	49.2	50.8	0	340522	322108	662630	0.0	51.4	48.6
1979	0	162217	240054	402271	0.0	40.3	59.7	0	514790	589821	1104610	0.0	46.6	53.4
1980	0	139107	225257	364364	0.0	38.2	61.8	0	694418	862186	1556604	0.0	44.6	55.4
Pacific Power and Light														
1977	213916	282	933	215132	99.4	0.1	0.4	91596	718	1805	94119	97.3	0.8	1.9
1978	220697	142	1188	222027	99.4	0.1	0.5	104778	359	2705	107842	97.2	0.3	2.5
1979	258226	115	902	259243	99.6	0.0	0.3	141047	378	2626	144051	97.9	0.3	1.8
1980	277085	0	961	278046	99.7	0.0	0.3	178341	0	4018	182359	97.8	0.0	2.2
Painesville Electric Light Dept														
1977	2054	0	0	2054	100.0	0.0	0.0	1841	0	0	1841	100.0	0.0	0.0
1978	1456	0	0	1456	100.0	0.0	0.0	1645	0	0	1645	100.0	0.0	0.0
1979	1961	0	0	1961	100.0	0.0	0.0	2422	0	0	2422	100.0	0.0	0.0
1980	2178	0	0	2178	100.0	0.0	0.0	2927	0	0	2927	100.0	0.0	0.0
Pasadena Water and Power Dept														
1977	0	7141	1420	8561	0.0	83.4	16.6	0	18040	2526	20566	0.0	87.7	12.3
1978	0	2680	2131	4811	0.0	55.7	44.3	0	6842	4277	11119	0.0	61.5	38.5
1979	0	5544	2033	7577	0.0	73.2	26.8	0	18908	5093	24001	0.0	78.8	21.2
1980	0	1040	5058	6098	0.0	17.0	83.0	0	5392	16833	22225	0.0	24.3	75.7
Pella Municipal Power and Light														
1977	1879	5	0	1884	99.7	0.3	0.0	1384	13	0	1398	99.0	1.0	0.0
1978	1892	21	0	1913	98.9	1.1	0.0	1846	59	0	1905	96.9	3.1	0.0
1979	2021	980	0	3001	67.3	32.7	0.0	2459	4991	0	7450	33.0	67.0	0.0
1980	1543	2	0	1545	99.9	0.1	0.0	2194	13	0	2207	99.4	0.6	0.0
Pennsylvania Power and Light														
1977	255436	50329	0	305765	83.5	16.5	0.0	265219	117356	0	382575	69.3	30.7	0.0
1978	219879	70440	0	290319	75.7	24.3	0.0	262513	156067	0	418580	62.7	37.3	0.0
1979	240409	61745	0	302154	79.6	20.4	0.0	303912	191452	0	495365	61.4	38.6	0.0
1980	245794	60715	0	306508	80.2	19.8	0.0	345825	264501	0	610325	56.7	43.3	0.0
Pennsylvania Power														
1977	79357	976	0	80333	98.8	1.2	0.0	79050	2844	0	81895	96.5	3.5	0.0
1978	84650	546	0	85196	99.4	0.6	0.0	99942	1512	0	101455	98.5	1.5	0.0
1979	99753	757	0	100510	99.2	0.8	0.0	120206	3184	0	123390	97.4	2.6	0.0
1980	118434	575	0	119009	99.5	0.5	0.0	206037	3454	0	209491	98.4	1.6	0.0
Peru Utilities														
1977	995	0	0	995	100.0	0.0	0.0	1007	0	0	1007	100.0	0.0	0.0
1978	891	0	0	891	100.0	0.0	0.0	1229	0	0	1229	100.0	0.0	0.0
1979	1130	0	0	1130	100.0	0.0	0.0	1483	0	0	1483	100.0	0.0	0.0
1980	1166	0	0	1166	100.0	0.0	0.0	1599	0	0	1599	100.0	0.0	0.0
Philadelphia Electric														
1977	31107	81609	0	112716	27.6	72.4	0.0	36249	193601	0	229851	15.8	84.2	0.0
1978	27275	90063	0	117338	23.2	76.8	0.0	36091	205232	0	241324	15.0	85.0	0.0
1979	31481	63193	0	94674	33.3	66.7	0.0	45626	221438	0	267063	17.1	82.9	0.0
1980	34137	61238	0	95375	35.8	64.2	0.0	55725	296381	0	352106	15.8	84.2	0.0
Piqua Municipal Power System														
1977	1596	73	0	1669	95.6	4.4	0.0	1651	204	0	1855	89.0	11.0	0.0
1978	1942	185	0	2127	91.3	8.7	0.0	2411	513	0	2924	82.5	17.5	0.0
1979	2358	17	0	2374	99.3	0.7	0.0	2561	88	0	2649	96.7	3.3	0.0
1980	2566	64	0	2630	97.6	2.4	0.0	3046	377	0	3423	89.0	11.0	0.0
Plains Elec Gen and Trans Coop														
1977	0	52	2366	2418	0.0	2.2	97.8	0	97	3541	3639	0.0	2.7	97.3
1978	0	18	968	986	0.0	1.8	98.2	0	27	1529	1556	0.0	1.8	98.2
1979	0	155	1494	1649	0.0	9.4	90.6	0	459	3253	3713	0.0	12.4	87.6
1980	0	0	771	771	0.0	0.0	100.0	0	0	1713	1713	0.0	0.0	100.0
Portland General Electric														
1977	0	3987	55	4042	0.0	98.6	1.4	0	10649	108	10758	0.0	99.0	1.0
1978	0	1823	1	1824	0.0	100.0	0.0	0	4630	3	4633	0.0	99.9	0.1
1979	20	7492	2595	10108	0.2	74.1	25.7	35	46701	8823	55559	0.1	84.1	15.9
1980	17548	2104	1738	21391	82.0	9.8	8.1	24781	13731	7550	46063	53.8	29.8	16.4
Potomac Electric Power														
1977	127461	65333	0	192794	66.1	33.9	0.0	153242	139796	0	293038	52.3	47.7	0.0
1978	112030	73015	0	185045	60.5	39.5	0.0	156872	152035	0	308908	50.8	49.2	0.0
1979	141749	46374	0	188124	75.3	24.7	0.0	207266	147971	0	355237	58.3	41.7	0.0
1980	145912	31060	0	176972	82.4	17.6	0.0	227632	143235	0	370867	61.4	38.6	0.0
Public Service Co of Colorado														
1977	121536	4669	24777	150982	80.5	3.1	16.4	76256	9749	25306	111311	68.5	8.8	22.7
1978	117982	3580	21895	143457	82.2	2.5	15.3	81698	7940	27952	117590	69.5	6.8	23.8
1979	121887	3778	26990	152655	79.8	2.5	17.7	93129	13697	52086	158911	58.6	8.6	32.8
1980	116451	1998	28129	146578	79.4	1.4	19.2	106659	10360	75466	192484	55.4	5.4	39.2
Public Service Co of Indiana														
1977	208089	3189	0	211279	98.5	1.5	0.0	160550	8642	0	169192	94.9	5.1	0.0
1978	195509	5175	0	200684	97.4	2.6	0.0	208011	14409	0	222421	93.5	6.5	0.0
1979	263142	2073	0	265214	99.2	0.8	0.0	274840	8362	0	283202	97.0	3.0	0.0
1980	258207	1624	0	259831	99.4	0.6	0.0	293315	9945	0	303260	96.7	3.3	0.0
Public Serv Co of New Hampshire														
1977	25662	17156	0	42817	59.9	40.1	0.0	33385	35436	0	68821	48.5	51.5	0.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Total Quantity Received							Total Received Fuel Cost						
	in billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
1978	19779	21995	0	41774	47.3	52.7	0.0	29186	42575	0	71761	40.7	59.3	0.0
1979	28207	29112	28	57347	49.2	50.8	0.0	43007	78532	84	121622	35.4	64.6	0.1
1980	28219	23076	0	51294	55.0	45.0	0.0	45103	88088	0	133191	33.9	66.1	0.0
Public Service Co of New Mexico														
1977	33587	1439	20516	55543	60.5	2.6	36.9	12807	3185	34122	50114	25.6	6.4	68.1
1978	40209	811	15661	56681	70.9	1.4	27.6	24447	2027	28400	54874	44.6	3.7	51.8
1979	44308	2273	17038	63619	69.6	3.6	26.8	31647	7894	36976	76517	41.4	10.3	48.3
1980	60794	1010	10143	71947	84.5	1.4	14.1	52633	5506	24832	82971	63.4	6.6	29.9
Public Serv Co of Oklahoma (CSW)														
1977	0	116	144832	144948	0.0	0.1	99.9	0	293	197851	198145	0.0	0.1	99.9
1978	0	1618	156875	158494	0.0	1.0	99.0	0	4122	223571	227692	0.0	1.8	98.2
1979	16468	312	149954	166734	9.9	0.2	89.9	22142	1494	236349	259985	8.5	0.6	90.9
1980	48778	0	140415	189193	25.8	0.0	74.2	67235	0	250089	317325	21.2	0.0	78.8
Public Service Elec and Gas-NJ														
1977	48931	125463	5779	180174	27.2	69.6	3.2	73922	299342	10606	383870	19.3	78.0	2.8
1978	36726	125845	745	163317	22.5	77.1	0.5	61490	285212	1468	348171	17.7	81.9	0.4
1979	41141	86935	22375	150451	27.3	57.8	14.9	73905	305640	55316	434861	17.0	70.3	12.7
1980	45773	63525	66452	175750	26.0	36.1	37.8	86903	322829	193164	602896	14.4	53.5	32.0
Puget Sound Power and Light														
1978	0	2	0	2	0.0	100.0	0.0	0	6	0	6	0.0	100.0	0.0
1979	0	2923	0	2923	0.0	100.0	0.0	0	7859	0	7859	0.0	100.0	0.0
1980	0	1544	0	1544	0.0	100.0	0.0	0	5458	0	5458	0.0	100.0	0.0
Richmond Power and Light														
1977	5385	0	0	5385	100.0	0.0	0.0	5367	0	0	5367	100.0	0.0	0.0
1978	3748	0	0	3748	100.0	0.0	0.0	4163	0	0	4163	100.0	0.0	0.0
1979	4222	0	0	4222	100.0	0.0	0.0	5347	0	0	5347	100.0	0.0	0.0
1980	5104	0	0	5104	100.0	0.0	0.0	7093	0	0	7093	100.0	0.0	0.0
Rochester Dept Public Utilities														
1977	4804	0	1094	5898	81.4	0.0	18.6	6116	0	1250	7367	83.0	0.0	17.0
1978	3981	199	71	4251	93.6	4.7	1.7	5805	559	104	6469	89.7	8.6	1.6
1979	6312	22	302	6636	95.1	0.3	4.6	10331	101	509	10941	94.4	0.9	4.7
1980	4529	14	49	4593	98.6	0.3	1.1	7823	91	111	8026	97.5	1.1	1.4
Rochester Gas and Electric Corp														
1977	23431	5263	0	28694	81.7	18.3	0.0	28792	12832	0	41624	69.2	30.8	0.0
1978	20272	4328	0	24599	82.4	17.6	0.0	27622	9698	0	37320	74.0	26.0	0.0
1979	18446	4906	0	23352	79.0	21.0	0.0	25307	14253	0	39560	64.0	36.0	0.0
1980	19817	4026	0	23843	83.1	16.9	0.0	29664	16784	0	46449	63.9	36.1	0.0
Ruston Util Sys														
1977	0	28	1862	1891	0.0	1.5	98.5	0	76	3054	3130	0.0	2.4	97.6
1978	0	573	2155	2728	0.0	21.0	79.0	0	2055	4008	6064	0.0	33.9	66.1
1979	0	0	1923	1923	0.0	0.0	100.0	0	0	4081	4081	0.0	0.0	100.0
1980	0	0	3045	3045	0.0	0.0	100.0	0	0	7853	7853	0.0	0.0	100.0
Salt River Project														
1977	164686	18556	5742	188984	87.1	9.8	3.0	72256	44058	6132	122446	59.0	36.0	5.0
1978	137232	11710	11244	160186	85.7	7.3	7.0	49255	27793	14663	91711	53.7	30.3	16.0
1979	209166	17235	9411	235812	88.7	7.3	4.0	143477	57052	17031	217560	65.9	26.2	7.8
1980	199401	4358	12708	216468	92.1	2.0	5.9	175054	22350	27901	225306	77.7	9.9	12.4
City Public Service-San Antonio														
1977	37416	1403	56742	95561	39.2	1.5	59.4	44567	2884	109565	157015	28.4	1.8	69.8
1978	38167	4872	34139	77178	49.5	6.3	44.2	46888	8733	71264	126885	37.0	6.9	56.2
1979	33743	1724	26067	61535	54.8	2.8	42.4	53013	3426	57218	113657	46.6	3.0	50.3
1980	54687	0	34962	89649	61.0	0.0	39.0	88603	0	87349	175952	50.4	0.0	49.6
San Diego Gas and Electric														
1977	0	76993	15674	92667	0.0	83.1	16.9	0	192964	36656	229619	0.0	84.0	16.0
1978	0	65937	21279	87216	0.0	75.6	24.4	0	179074	53197	232272	0.0	77.1	22.9
1979	0	66422	29684	96106	0.0	69.1	30.9	0	212890	80265	293155	0.0	72.6	27.4
1980	0	57725	39975	97700	0.0	59.1	40.9	0	295668	127627	423295	0.0	69.8	30.2
Savannah Electric and Power														
1977	0	23467	1227	24695	0.0	95.0	5.0	0	47638	2305	49944	0.0	95.4	4.6
1978	3786	22477	1041	27304	13.9	82.3	3.8	6010	42781	2250	51041	11.8	83.8	4.4
1979	8223	11738	1646	21608	38.1	54.3	7.6	12659	33907	4605	51171	24.7	66.3	9.0
1980	14209	4528	1420	20157	70.5	22.5	7.0	23190	15815	4216	43220	53.7	36.6	9.8
Sierra Pacific Power														
1977	0	8129	19293	27422	0.0	29.6	70.4	0	17342	38047	55388	0.0	31.3	68.7
1978	0	16521	2962	19483	0.0	84.8	15.2	0	33317	6302	39619	0.0	84.1	15.9
1979	0	8947	18021	26967	0.0	33.2	66.8	0	23776	47858	71634	0.0	33.2	66.8
1980	0	15479	5087	20565	0.0	75.3	24.7	0	55366	17969	73335	0.0	75.5	24.5
South Carolina Electric and Gas														
1977	90382	32836	0	123218	73.4	26.6	0.0	110364	59085	0	169449	65.1	34.9	0.0
1978	91268	33597	0	124865	73.1	26.9	0.0	121461	64772	0	186233	65.2	34.8	0.0
1979	76701	23576	3275	103553	74.1	22.8	3.2	113293	62077	6894	182264	62.2	34.1	3.8
1980	102179	12684	3449	118312	86.4	10.7	2.9	162027	44733	7886	214646	75.5	20.8	3.7
South Carolina Public Serv Auth														
1977	53463	2700	0	56163	95.2	4.8	0.0	68046	6305	0	74352	91.5	8.5	0.0
1978	52669	550	0	53219	99.0	1.0	0.0	77535	1225	0	78761	98.4	1.6	0.0
1979	54807	458	0	55265	99.2	0.8	0.0	80184	1721	0	81905	97.9	2.1	0.0
1980	70756	1000	22	71777	98.6	1.4	0.0	108630	4397	56	113084	96.1	3.9	0.0

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Total Quantity Received							Total Received Fuel Cost						
	in billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
South Mississippi Elec Pwr Assn														
1977	0	5884	3446	9331	0.0	63.1	36.9	0	10544	6093	16637	0.0	63.4	36.6
1978	5463	5950	3187	14599	37.4	40.8	21.8	8369	10797	5902	25067	33.4	43.1	23.5
1979	12961	1965	3177	18103	71.6	10.9	17.6	21151	4144	7119	32414	65.3	12.8	22.0
1980	17726	183	3233	21142	83.8	0.9	15.3	32523	713	8902	42137	77.2	1.7	21.1
South Texas Electric Coop Inc														
1977	0	1	2218	2219	0.0	0.0	100.0	0	1	4390	4391	0.0	0.0	100.0
1978	0	0	1507	1507	0.0	0.0	100.0	0	0	3205	3205	0.0	0.0	100.0
1979	0	0	986	986	0.0	0.0	100.0	0	0	2246	2246	0.0	0.0	100.0
1980	0	0	1448	1448	0.0	0.0	100.0	0	0	3729	3729	0.0	0.0	100.0
Southern California Edison														
1977	99547	362706	96113	558367	17.8	65.0	17.2	43498	849125	177152	1069775	4.1	79.4	16.6
1978	58379	259901	117568	435848	13.4	59.6	27.0	35256	682606	238779	956642	3.7	71.4	25.0
1979	70395	287049	164794	522237	13.5	55.0	31.6	63981	888197	395164	1347342	4.7	65.9	29.3
1980	78014	195101	205302	478417	16.3	40.8	42.9	70985	979739	676732	1727455	4.1	56.7	39.2
Southern Illinois Power Coop														
1977	9832	0	0	9832	100.0	0.0	0.0	6938	0	0	6938	100.0	0.0	0.0
1978	13420	0	0	13420	100.0	0.0	0.0	12598	0	0	12598	100.0	0.0	0.0
1979	17640	0	0	17640	100.0	0.0	0.0	17115	0	0	17115	100.0	0.0	0.0
1980	12724	0	0	12724	100.0	0.0	0.0	12654	0	0	12654	100.0	0.0	0.0
Southern Indiana Gas and Elec														
1977	77274	1029	321	78623	98.3	1.3	0.4	52491	2722	341	55553	94.5	4.9	0.6
1978	75897	2344	0	78240	97.0	3.0	0.0	72015	6275	0	78290	92.0	8.0	0.0
1979	88189	88	217	88494	99.7	0.1	0.2	91123	278	324	91724	99.3	0.3	0.4
1980	93989	0	343	94332	99.6	0.0	0.4	105474	0	739	106212	99.3	0.0	0.7
Southwestern Electric Pwr (CSW)														
1977	26720	11042	79195	116957	22.8	9.4	67.7	22346	21553	62330	106229	21.0	20.3	58.7
1978	51367	4661	78796	134825	38.1	3.5	58.4	50325	8832	82126	141283	35.6	6.3	58.1
1979	56342	900	87107	144348	39.0	0.6	60.3	65077	2552	97958	165587	39.3	1.5	59.2
1980	85420	279	84489	170188	50.2	0.2	49.6	105238	1656	105886	212779	49.5	0.8	49.8
Southwestern Public Service														
1977	17777	914	103200	121891	14.6	0.7	84.7	19123	2758	148522	170403	11.2	1.6	87.2
1978	31702	279	98669	130649	24.3	0.2	75.5	38637	959	162882	202479	19.1	0.5	80.4
1979	37570	162	91217	128949	29.1	0.1	70.7	55181	591	177502	233274	23.7	0.3	76.1
1980	51801	35	85964	137799	37.6	0.0	62.4	77208	249	199307	276764	27.9	0.1	72.0
Springfield Wtr Lt and Pwr Dept														
1977	15765	171	0	15935	98.9	1.1	0.0	15379	472	0	15851	97.0	3.0	0.0
1978	15264	0	0	15264	100.0	0.0	0.0	17368	0	0	17368	100.0	0.0	0.0
1979	19330	0	0	19330	100.0	0.0	0.0	23309	0	0	23309	100.0	0.0	0.0
1980	18091	0	0	18091	100.0	0.0	0.0	23239	0	0	23239	100.0	0.0	0.0
City Utilities of Springfield														
1977	12229	1062	3380	16672	73.4	6.4	20.3	12221	2954	3467	18642	65.6	15.8	18.6
1978	13749	180	5265	19194	71.6	0.9	27.4	16856	509	6013	23378	72.1	2.2	25.7
1979	10177	2233	1745	14154	71.9	15.8	12.3	11922	11263	2564	25750	46.3	43.7	10.0
1980	12632	35	1202	13868	91.1	0.2	8.7	19746	210	2584	22540	87.6	0.9	11.5
St Joseph Light and Power														
1977	10539	933	3644	15116	69.7	6.2	24.1	11151	1864	4026	17041	65.4	10.9	23.6
1978	6391	988	6531	13910	45.9	7.1	46.9	7534	2052	7168	16754	45.0	12.2	42.8
1979	6711	853	3365	10929	61.4	7.8	30.8	9081	1795	4752	15628	58.1	11.5	30.4
1980	5284	9	1372	6665	79.3	0.1	20.6	7506	19	2747	10272	73.1	0.2	26.7
Sunflower Electric Coop Inc														
1977	0	196	6371	6567	0.0	3.0	97.0	0	495	6563	7058	0.0	7.0	93.0
1978	0	0	6990	6990	0.0	0.0	100.0	0	0	10449	10449	0.0	0.0	100.0
1979	0	0	8492	8492	0.0	0.0	100.0	0	0	15804	15804	0.0	0.0	100.0
1980	0	0	7334	7334	0.0	0.0	100.0	0	0	14710	14710	0.0	0.0	100.0
Tallahassee, City of														
1977	0	10291	4353	14644	0.0	70.3	29.7	0	19366	3973	23338	0.0	83.0	17.0
1978	0	16753	6165	22917	0.0	73.1	26.9	0	31273	6361	37634	0.0	83.1	16.9
1979	0	10681	10687	21368	0.0	50.0	50.0	0	27971	15595	43566	0.0	64.2	35.8
1980	0	6049	11325	17374	0.0	34.8	65.2	0	20272	21818	42090	0.0	48.2	51.8
Tampa Electric														
1977	82603	26214	0	108817	75.9	24.1	0.0	106844	54427	0	161271	66.3	33.7	0.0
1978	85664	30454	0	116118	73.8	26.2	0.0	123018	60284	0	183302	67.1	32.9	0.0
1979	90285	29930	0	120215	75.1	24.9	0.0	136033	93487	0	229520	59.3	40.7	0.0
1980	90669	28570	0	119240	76.0	24.0	0.0	151174	112944	0	264118	57.2	42.8	0.0
Taunton Municipal Lighting Plant														
1977	0	3176	0	3176	0.0	100.0	0.0	0	7373	0	7373	0.0	100.0	0.0
1978	0	3444	0	3444	0.0	100.0	0.0	0	7394	0	7394	0.0	100.0	0.0
1979	0	3739	0	3739	0.0	100.0	0.0	0	11291	0	11291	0.0	100.0	0.0
1980	0	3654	0	3654	0.0	100.0	0.0	0	15286	0	15286	0.0	100.0	0.0
Texas Electric Serv(Texas Utils)														
1977	0	3937	137023	140960	0.0	2.8	97.2	0	8286	89320	97606	0.0	8.5	91.5
1978	0	1104	147947	149051	0.0	0.7	99.3	0	2281	128331	130612	0.0	1.7	98.3
1979	0	1091	119772	120863	0.0	0.9	99.1	0	4082	84570	88652	0.0	4.6	95.4
1980	0	3457	124133	127590	0.0	2.7	97.3	0	17508	120551	138059	0.0	12.7	87.3
Texas Pwr and Lt (Texas Utils)														
1977	186857	3766	149119	339743	55.0	1.1	43.9	70310	7832	217446	295589	23.8	2.6	73.6

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Total Quantity Received							Total Received Fuel Cost						
	in billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
1978	240662	63	141891	382616	62.9	0.0	37.1	104914	154	227790	332858	31.5	0.0	68.4
1979	325332	412	126134	451877	72.0	0.1	27.9	188011	1001	212528	401540	46.8	0.2	52.9
1980	343679	607	144201	488488	70.4	0.1	29.5	217998	3386	286467	507850	42.9	0.7	56.4
The Toledo Edison Co														
1977	56545	1625	1006	59176	95.6	2.7	1.7	65776	4060	1438	71274	92.3	5.7	2.0
1978	46394	922	1061	48376	95.9	1.9	2.2	63514	2246	1819	67579	94.0	3.3	2.7
1979	45621	794	562	46977	97.1	1.7	1.2	74783	2456	984	78223	95.6	3.1	1.3
1980	46338	2474	220	49032	94.5	5.0	0.4	84046	9737	540	94324	89.1	10.3	0.6
Traverse, City of														
1977	1550	0	425	1975	78.5	0.0	21.5	2038	0	685	2723	74.8	0.0	25.2
1978	1474	0	628	2102	70.1	0.0	29.9	2510	0	1110	3619	69.3	0.0	30.7
1979	613	0	500	1113	55.1	0.0	44.9	1097	0	1075	2173	50.5	0.0	49.5
1980	629	0	298	927	67.8	0.0	32.2	1133	0	915	2048	55.3	0.0	44.7
The Tucson Gas and Electric Co														
1977	0	19775	10691	30466	0.0	64.9	35.1	0	45696	11711	57407	0.0	79.6	20.4
1978	0	7795	22686	30480	0.0	25.6	74.4	0	18821	31169	49990	0.0	37.6	62.4
1979	0	5078	19410	24488	0.0	20.7	79.3	0	15281	44384	59665	0.0	25.6	74.4
1980	0	4775	16859	21634	0.0	22.1	77.9	0	22933	42715	65647	0.0	34.9	65.1
Tennessee Valley Authority														
1977	788633	30862	0	819495	96.2	3.8	0.0	770188	81453	0	851641	90.4	9.6	0.0
1978	784637	39076	0	823713	95.3	4.7	0.0	920982	103937	0	1024919	89.9	10.1	0.0
1979	946092	3442	0	949534	99.6	0.4	0.0	1258221	15610	0	1273831	98.8	1.2	0.0
1980	821096	3270	0	824366	99.6	0.4	0.0	1243589	21172	0	1264760	98.3	1.7	0.0
The United Gas Imp Co														
1977	3653	0	0	3653	100.0	0.0	0.0	2955	0	0	2955	100.0	0.0	0.0
1978	4317	0	0	4317	100.0	0.0	0.0	3609	0	0	3609	100.0	0.0	0.0
1979	2656	0	0	2656	100.0	0.0	0.0	2335	0	0	2335	100.0	0.0	0.0
1980	4757	0	0	4757	100.0	0.0	0.0	5427	0	0	5427	100.0	0.0	0.0
Union Electric														
1977	272438	7665	3538	283640	96.1	2.7	1.2	216376	18687	6831	241893	89.5	7.7	2.8
1978	256329	8961	2390	267680	95.8	3.3	0.9	279891	22102	4642	306635	91.3	7.2	1.5
1979	271474	5913	1330	278717	97.4	2.1	0.5	304336	18990	3280	326607	93.2	5.8	1.0
1980	273385	3124	1925	278434	98.2	1.1	0.7	324208	12796	5556	342561	94.6	3.7	1.6
The United Illuminating Co														
1977	0	49697	0	49697	0.0	100.0	0.0	0	111877	0	111877	0.0	100.0	0.0
1978	0	54733	0	54733	0.0	100.0	0.0	0	114842	0	114842	0.0	100.0	0.0
1979	0	51978	0	51978	0.0	100.0	0.0	0	168029	0	168029	0.0	100.0	0.0
1980	0	52079	0	52079	0.0	100.0	0.0	0	249913	0	249913	0.0	100.0	0.0
United Power Association														
1977	9987	311	0	10299	97.0	3.0	0.0	4369	858	0	5227	83.6	16.4	0.0
1978	11474	44	0	11519	99.6	0.4	0.0	6234	133	0	6367	97.9	2.1	0.0
1979	15258	78	0	15337	99.5	0.5	0.0	10937	365	0	11301	96.8	3.2	0.0
1980	14675	28	0	14704	99.8	0.2	0.0	10408	174	0	10582	98.4	1.6	0.0
University of Illinois														
1977	0	2469	0	2469	0.0	100.0	0.0	0	6515	0	6515	0.0	100.0	0.0
1978	0	2460	0	2460	0.0	100.0	0.0	0	6712	0	6712	0.0	100.0	0.0
1979	0	2281	119	2400	0.0	95.0	5.0	0	9132	321	9453	0.0	96.6	3.4
1980	0	126	1840	1966	0.0	6.4	93.6	0	751	5409	6160	0.0	12.2	87.8
Upper Peninsula Gen Co														
1977	21258	0	0	21258	100.0	0.0	0.0	28799	0	0	28799	100.0	0.0	0.0
1978	25648	0	0	25648	100.0	0.0	0.0	38709	0	0	38709	100.0	0.0	0.0
1979	44680	0	0	44680	100.0	0.0	0.0	75179	0	0	75179	100.0	0.0	0.0
1980	29903	0	0	29903	100.0	0.0	0.0	50852	0	0	50852	100.0	0.0	0.0
Upper Peninsula Power														
1977	734	0	0	734	100.0	0.0	0.0	888	0	0	888	100.0	0.0	0.0
1978	2502	0	0	2502	100.0	0.0	0.0	3592	0	0	3592	100.0	0.0	0.0
1979	1492	0	0	1492	100.0	0.0	0.0	2392	0	0	2392	100.0	0.0	0.0
1980	1514	0	0	1514	100.0	0.0	0.0	2661	0	0	2661	100.0	0.0	0.0
Utah Power and Light														
1977	108780	1905	4457	115142	94.5	1.7	3.9	70499	4045	4915	79460	88.7	5.1	6.2
1978	109283	929	2827	113038	96.7	0.8	2.5	80868	1963	3793	86625	93.4	2.3	4.4
1979	147708	1640	5373	154722	95.5	1.1	3.5	134200	5666	8754	148620	90.3	3.8	5.9
1980	164481	919	3911	169311	97.1	0.5	2.3	170596	4829	7952	183377	93.0	2.6	4.3
Vero Beach Municipal Utilities														
1977	0	2344	1419	3763	0.0	62.3	37.7	0	5484	1339	6823	0.0	80.4	19.6
1978	0	1739	2226	3965	0.0	43.9	56.1	0	3472	2381	5853	0.0	59.3	40.7
1979	0	1329	3131	4460	0.0	29.8	70.2	0	3648	4228	7876	0.0	46.3	53.7
1980	0	2093	3363	5456	0.0	38.4	61.6	0	7866	6372	14238	0.0	55.2	44.8
Vineland, City of														
1977	1448	1921	0	3369	43.0	57.0	0.0	1952	4515	0	6467	30.2	69.8	0.0
1978	1443	1560	0	3004	48.1	51.9	0.0	2271	3527	0	5798	39.2	60.8	0.0
1979	2225	1775	0	4000	55.6	44.4	0.0	3657	5396	0	9053	40.4	59.6	0.0
1980	2718	1821	0	4539	59.9	40.1	0.0	4513	7588	0	12101	37.3	62.7	0.0
Virginia Electric and Power														
1977	125417	179956	1422	306795	40.9	58.7	0.5	134690	395571	2336	532597	25.3	74.3	0.4
1978	96679	171143	927	268749	36.0	63.7	0.3	125106	349033	1581	475720	26.3	73.4	0.3
1979	114778	153291	3301	271371	42.3	56.5	1.2	162290	463807	7437	633534	25.6	73.2	1.2

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Total Quantity Received							Total Received Fuel Cost						
	in billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
1980	110350	94900	2452	207702	53.1	45.7	1.2	172575	385123	7083	564781	30.6	68.2	1.3
Virginia, Minn Dept of Pub Util														
1977	2103	0	0	2103	100.0	0.0	0.0	2559	0	0	2559	100.0	0.0	0.0
1978	2224	0	0	2224	100.0	0.0	0.0	2858	0	0	2858	100.0	0.0	0.0
1979	2254	0	0	2254	100.0	0.0	0.0	3330	0	0	3330	100.0	0.0	0.0
1980	1628	0	314	1942	83.8	0.0	16.2	2755	0	642	3397	81.1	0.0	18.9
Washington Water Power Co														
1977	0	5	0	5	0.0	100.0	0.0	0	14	0	14	0.0	100.0	0.0
1978	0	66	0	66	0.0	100.0	0.0	0	196	0	196	0.0	100.0	0.0
1979	0	67	190	258	0.0	26.2	73.8	0	334	503	837	0.0	39.9	60.1
1980	0	1	155	156	0.0	0.6	99.4	0	6	534	540	0.0	1.1	98.9
Wellington,city of														
1977	0	11	775	786	0.0	1.4	98.6	0	29	774	803	0.0	3.6	96.4
1978	0	5	834	839	0.0	0.6	99.4	0	13	864	877	0.0	1.5	98.5
1979	0	2	923	925	0.0	0.2	99.8	0	12	1282	1294	0.0	0.9	99.1
1980	0	0	733	733	0.0	0.0	100.0	0	0	1523	1523	0.0	0.0	100.0
West Texas Utilities (CSW)														
1977	0	1243	49522	50765	0.0	2.4	97.6	0	2610	67287	69897	0.0	3.7	96.3
1978	0	283	49581	49865	0.0	0.6	99.4	0	607	76571	77178	0.0	0.8	99.2
1979	0	617	47821	48438	0.0	1.3	98.7	0	2130	81405	83535	0.0	2.6	97.4
1980	0	224	55590	55814	0.0	0.4	99.6	0	1127	103821	104948	0.0	1.1	98.9
Western Farmers Electric Coop														
1977	0	705	23713	24418	0.0	2.9	97.1	0	1883	29749	31631	0.0	6.0	94.0
1978	0	489	25868	26357	0.0	1.9	98.1	0	1383	37463	38846	0.0	3.6	96.4
1979	0	0	24252	24252	0.0	0.0	100.0	0	0	39684	39684	0.0	0.0	100.0
1980	0	0	28134	28134	0.0	0.0	100.0	0	0	57587	57587	0.0	0.0	100.0
W Illinois Power Coop														
1977	1695	227	0	1922	88.2	11.8	0.0	1484	661	0	2145	69.2	30.8	0.0
1978	1415	376	0	1791	79.0	21.0	0.0	1501	1132	0	2633	57.0	43.0	0.0
1979	1289	24	0	1314	98.1	1.9	0.0	1471	127	0	1598	92.1	7.9	0.0
1980	1556	38	0	1593	97.6	2.4	0.0	1920	254	0	2174	88.3	11.7	0.0
Western Mass Electric (NU)														
1977	0	4172	648	4820	0.0	86.6	13.4	0	8940	1231	10171	0.0	87.9	12.1
1978	0	8128	443	8571	0.0	94.8	5.2	0	16055	812	16866	0.0	95.2	4.8
1979	0	7996	3268	11264	0.0	71.0	29.0	0	21515	9206	30720	0.0	70.0	30.0
1980	0	8601	3310	11911	0.0	72.2	27.8	0	33374	10335	43709	0.0	76.4	23.6
Willmar Municipal Utilities Comm														
1977	1067	0	9	1076	99.2	0.0	0.8	1278	0	10	1288	99.2	0.0	0.8
1978	1081	0	0	1081	100.0	0.0	0.0	1379	0	0	1379	100.0	0.0	0.0
1979	1219	0	0	1219	100.0	0.0	0.0	1820	0	0	1820	100.0	0.0	0.0
1980	1053	0	0	1053	100.0	0.0	0.0	1786	0	0	1786	100.0	0.0	0.0
Winfield Municipal Elec Lt Dept														
1977	0	316	12	327	0.0	96.5	3.5	0	786	10	796	0.0	98.8	1.2
1980	0	1	914	915	0.0	0.1	99.9	0	7	1816	1823	0.0	0.4	99.6
Winnetka, Village of														
1977	124	0	34	159	78.3	0.0	21.7	303	0	75	379	80.1	0.0	19.9
1978	40	0	51	91	43.6	0.0	56.4	107	0	116	223	48.2	0.0	51.8
1979	0	12	38	50	0.0	23.8	76.2	0	59	110	169	0.0	34.7	65.3
1980	0	4	74	79	0.0	5.5	94.5	0	28	249	277	0.0	10.1	89.9
Wisconsin Electric Power														
1977	89832	4341	2071	96244	93.3	4.5	2.2	81911	11585	3849	97345	84.1	11.9	4.0
1978	92568	8045	2780	103393	89.5	7.8	2.7	103350	21417	5542	130310	79.3	16.4	4.3
1979	95087	3006	12453	110546	86.0	2.7	11.3	123088	10566	28379	162033	76.0	6.5	17.5
1980	126696	2361	8595	137651	92.0	1.7	6.2	180367	13038	25123	218529	82.5	6.0	11.5
Wisconsin Power and Light														
1977	72930	3844	469	77243	94.4	5.0	0.6	64207	10248	882	75336	85.2	13.6	1.2
1978	84938	1082	2339	88360	96.1	1.2	2.6	87492	2940	4968	95400	91.7	3.1	5.2
1979	105762	48	1082	106892	98.9	0.0	1.0	122157	273	3054	125484	97.3	0.2	2.4
1980	97973	0	835	98808	99.2	0.0	0.8	129971	0	2825	132796	97.9	0.0	2.1
Wisconsin Public Service Corp														
1977	26557	909	968	28435	93.4	3.2	3.4	31096	2317	1673	35086	88.6	6.6	4.8
1978	25433	358	1376	27167	93.6	1.3	5.1	33424	865	2435	36724	91.0	2.4	6.6
1979	32318	1692	558	34568	93.5	4.9	1.6	45634	5045	1248	51927	87.9	9.7	2.4
1980	24887	133	472	25491	97.6	0.5	1.8	40758	785	1374	42917	95.0	1.8	3.2
Wyandotte Dept of Muni Service														
1977	0	0	2108	2108	0.0	0.0	100.0	0	0	3551	3551	0.0	0.0	100.0
1978	0	288	2533	2821	0.0	10.2	89.8	0	727	4620	5346	0.0	13.6	86.4
1979	98	0	2977	3075	3.2	0.0	96.8	132	0	6083	6215	2.1	0.0	97.9
1980	1171	0	1013	2184	53.6	0.0	46.4	2163	0	2916	5079	42.6	0.0	57.4
Appalachian Power (AEP)														
1977	236321	0	0	236321	100.0	0.0	0.0	284427	0	0	284427	100.0	0.0	0.0
1978	230925	0	0	230925	100.0	0.0	0.0	311101	0	0	311101	100.0	0.0	0.0
1979	252718	0	0	252718	100.0	0.0	0.0	377444	0	0	377444	100.0	0.0	0.0
1980	318511	0	0	318511	100.0	0.0	0.0	508035	0	0	508035	100.0	0.0	0.0
Commonwealth Edison-Indiana														
1977	35039	0	134	35173	99.6	0.0	0.4	42255	0	206	42461	99.5	0.0	0.5
1978	24187	0	139	24326	99.4	0.0	0.6	32814	0	227	33041	99.3	0.0	0.7

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Total Quantity Received							Total Received Fuel Cost						
	in billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
1979	26735	0	183	26918	99.3	0.0	0.7	47529	0	405	47934	99.2	0.0	0.8
1980	23241	0	142	23383	99.4	0.0	0.6	44993	0	371	45364	99.2	0.0	0.8
Indiana-Kentucky Electric Corp														
1977	82433	0	0	82433	100.0	0.0	0.0	61424	0	0	61424	100.0	0.0	0.0
1978	76000	0	0	76000	100.0	0.0	0.0	77083	0	0	77083	100.0	0.0	0.0
1979	84174	0	0	84174	100.0	0.0	0.0	81132	0	0	81132	100.0	0.0	0.0
1980	93373	0	0	93373	100.0	0.0	0.0	96877	0	0	96877	100.0	0.0	0.0
The Narragansett Elec Co(NEES)														
1977	0	8028	0	8028	0.0	100.0	0.0	0	16592	0	16592	0.0	100.0	0.0
1978	0	7169	0	7169	0.0	100.0	0.0	0	14636	0	14636	0.0	100.0	0.0
1979	0	6955	1399	8354	0.0	83.3	16.7	0	22168	3455	25623	0.0	86.5	13.5
1980	0	8683	0	8683	0.0	100.0	0.0	0	34481	0	34481	0.0	100.0	0.0
Kentucky Power (AEP)														
1977	67260	0	0	67260	100.0	0.0	0.0	63614	0	0	63614	100.0	0.0	0.0
1978	55264	0	0	55264	100.0	0.0	0.0	61173	0	0	61173	100.0	0.0	0.0
1979	48348	0	0	48348	100.0	0.0	0.0	58628	0	0	58628	100.0	0.0	0.0
1980	56464	0	0	56464	100.0	0.0	0.0	71810	0	0	71810	100.0	0.0	0.0
Monongahela Power (APS)														
1977	239395	249	16	239660	99.9	0.1	0.0	240812	779	31	241623	99.7	0.3	0.0
1978	213541	658	14	214214	99.7	0.3	0.0	246067	2016	24	248108	99.2	0.8	0.0
1979	228794	498	86	229378	99.7	0.2	0.0	273828	2275	237	276340	99.1	0.8	0.1
1980	241581	497	132	242210	99.7	0.2	0.1	305366	3141	393	308901	98.9	1.0	0.1
The Potomac Edison Co (APS)														
1977	8679	716	0	9395	92.4	7.6	0.0	7129	1960	0	9090	78.4	21.6	0.0
1978	7342	1444	0	8786	83.6	16.4	0.0	6894	4132	0	11026	62.5	37.5	0.0
1979	5314	284	0	5598	94.9	5.1	0.0	5218	960	0	6178	84.5	15.5	0.0
1980	9188	36	0	9224	99.6	0.4	0.0	11462	221	0	11682	98.1	1.9	0.0
Metropolitan Edison (GPS)														
1977	41537	2973	0	44510	93.3	6.7	0.0	46627	8265	0	54893	84.9	15.1	0.0
1978	34742	2765	0	37507	92.6	7.4	0.0	46433	7779	0	54212	85.7	14.3	0.0
1979	34398	1069	371	35839	96.0	3.0	1.0	46651	4555	1188	52394	89.0	8.7	2.3
1980	29618	465	1637	31720	93.4	1.5	5.2	44532	2827	5940	53299	83.6	5.3	11.1
Pennsylvania Electric (GPS)														
1977	288389	3659	0	292048	98.7	1.3	0.0	307750	10891	0	318641	96.6	3.4	0.0
1978	271818	4883	0	276701	98.2	1.8	0.0	327094	14660	0	341754	95.7	4.3	0.0
1979	356764	2238	0	359002	99.4	0.6	0.0	432155	9439	0	441594	97.9	2.1	0.0
1980	371773	2273	0	374045	99.4	0.6	0.0	439860	13689	0	453550	97.0	3.0	0.0
Ohio Power (AEP)														
1977	363444	0	0	363444	100.0	0.0	0.0	368766	0	0	368766	100.0	0.0	0.0
1978	168657	0	0	168657	100.0	0.0	0.0	183137	0	0	183137	100.0	0.0	0.0
1979	205356	0	0	205356	100.0	0.0	0.0	225504	0	0	225504	100.0	0.0	0.0
1980	341715	0	0	341715	100.0	0.0	0.0	513783	0	0	513783	100.0	0.0	0.0
West Penn Power (APS)														
1977	137926	6491	11	144428	95.5	4.5	0.0	112361	15831	23	128216	87.6	12.3	0.0
1978	97862	14312	123	112297	87.1	12.7	0.1	93274	34347	310	127931	72.9	26.8	0.2
1979	135046	4276	176	139498	96.8	3.1	0.1	139376	13292	453	153121	91.0	8.7	0.3
1980	127462	2161	113	129736	98.2	1.7	0.1	145601	9869	359	155829	93.4	6.3	0.2
Central Operating Co (AEP)														
1977	43638	0	0	43638	100.0	0.0	0.0	52785	0	0	52785	100.0	0.0	0.0
1978	40959	0	0	40959	100.0	0.0	0.0	55505	0	0	55505	100.0	0.0	0.0
1979	50120	0	0	50120	100.0	0.0	0.0	78462	0	0	78462	100.0	0.0	0.0
1980	46405	0	0	46405	100.0	0.0	0.0	73411	0	0	73411	100.0	0.0	0.0
Ohio Electric Co (AEP)														
1978	145362	0	0	145362	100.0	0.0	0.0	239758	0	0	239758	100.0	0.0	0.0
1979	169856	0	0	169856	100.0	0.0	0.0	278932	0	0	278932	100.0	0.0	0.0
Montaup Electric														
1977	0	7064	0	7064	0.0	100.0	0.0	0	15374	0	15374	0.0	100.0	0.0
1978	0	6973	0	6973	0.0	100.0	0.0	0	12882	0	12882	0.0	100.0	0.0
1979	0	9623	0	9623	0.0	100.0	0.0	0	24798	0	24798	0.0	100.0	0.0
1980	0	11231	0	11231	0.0	100.0	0.0	0	41220	0	41220	0.0	100.0	0.0
Jersey Central Pwr and Lt (GPS)														
1977	0	32200	1433	33633	0.0	95.7	4.3	0	78967	2276	81243	0.0	97.2	2.8
1978	0	27794	2	27796	0.0	100.0	0.0	0	65302	6	65307	0.0	100.0	0.0
1979	0	16757	6776	23533	0.0	71.2	28.8	0	62970	18371	81341	0.0	77.4	22.6
1980	0	11111	13081	24191	0.0	45.9	54.1	0	59061	43881	102942	0.0	57.4	42.6
Atlantic City Electric														
1977	19681	12124	0	31805	61.9	38.1	0.0	23486	28491	0	51977	45.2	54.8	0.0
1978	14195	13225	0	27421	51.8	48.2	0.0	18076	29602	0	47678	37.9	62.1	0.0
1979	16191	12379	0	28571	56.7	43.3	0.0	21982	39065	0	61046	36.0	64.0	0.0
1980	16245	10439	222	26906	60.4	38.8	0.8	24531	46854	1014	72399	33.9	64.7	1.4
Indiana and Michigan Elec (AEP)														
1977	71191	4777	0	75968	93.7	6.3	0.0	50518	8255	0	58773	86.0	14.0	0.0
1978	56430	7410	0	63840	88.4	11.6	0.0	68043	17947	0	85991	79.1	20.9	0.0
1979	77495	2372	0	79866	97.0	3.0	0.0	113412	8369	0	121781	93.1	6.9	0.0
1980	65347	0	0	65347	100.0	0.0	0.0	116692	0	0	116692	100.0	0.0	0.0
Superior Water Light and Power														
1977	0	578	15	593	0.0	97.4	2.6	0	1158	20	1178	0.0	98.3	1.7

Table 57. Utility Profile of Fossil Fuel Data Including Quantity, Quality, and Cost Information —Cont.

	Total Quantity Received							Total Received Fuel Cost						
	in billion Btu				% of Total Btu			in $1000				% of Fuel Cost		
Year	Coal	Oil	Gas	Total	Coal	Oil	Gas	Coal	Oil	Gas	Total	Coal	Oil	Gas
1978	0	473	6	480	0.0	98.7	1.3	0	967	10	977	0.0	99.0	1.0
1979	0	429	40	469	0.0	91.4	8.6	0	1054	76	1130	0.0	93.2	6.8
1980	0	416	2	419	0.0	99.5	0.5	0	1782	5	1787	0.0	99.7	0.3

[1]Coal : includes all types of coal, imported coal, and relatively small quantities of petroleum coke.
Residual Oil 6: includes FO4, FO5, FO6, crude, and topped crude.
Fuel Oil 2 : Includes FO2, kerosene, jet-fuel, re-refined motor oil, and lpg.
Natural Gas : Includes natural gas, small quantities of blast furnance gas, coke oven gas, and refinery gas.
Note:
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
Source: •Federal Power Commission Form 423.

Glossary

Barrel

A liquid measure. For purposes of this publication, it is defined as 42 gallons.

Bcf

One billion cubic feet.

Btu (British Thermal Unit)

A standard unit for measuring the quantity of heat energy; equal to the quantity of heat required to raise the temperature of one pound of water by one degree Fahrenheit.

Btu Content of Fuel (Average)

The average heat value per unit quantity of fuel expressed in Btu as determined from tests of fuel samples or defined by contract specifications. (Example: Btu per pound of coal, Btu per gallon of oil, and Btu per cubic foot of gas.)

Capability (Electric)

The maximum load which a generating unit, generating station, or other electrical apparatus can carry under specified conditions for a given period of time, without exceeding approved limits of temperature and stress.

Available but not Needed: Net capability of main generating units that are system-owned or operated, operable but not considered necessary to carry load, and cannot be connected to load within a 30-minute time period.

Full-Forced Outage: Net capability of main generating units that are system-owned or operated, but unavailable for load due to emergency reasons.

Net: The capability of a generating station as demonstrated by test or as determined by actual operating experience less power generated and used for station uses. Capability may vary with the character of the load, time of year (due to circulating water temperatures in thermal stations or availability of water in hydro stations), and other characteristic causes.

Other Unavailable: For purposes of this publication, other unavailable capability means net capability of main generating units that are system-owned or operated, but unavailable for load for reasons other than full-forced outage or scheduled maintenance (i.e., partial outages, legal restrictions).

Running and Quick Start: Net capability of main generating units that are system-owned or operated, carrying load or having quick start capability. In general, quick start capability refers to generating units that can be available for load within a 30-minute period.

Scheduled Maintenance: Net capability of main generating units that are system-owned or operated, but unavailable for load due to inspection or maintenance, in accordance with an advance schedule.

Capacity

The load for which a generator, turbine, transformer, transmission circuit, station, or system is rated.

Baseload: The capacity of the generating equipment normally operated to serve loads on a round-the-clock basis.

Installed: The capacity as shown by the nameplates of electrical apparatus, such as generating units, turbines, or other equipment in a station or system. Installed station capacity does not include auxiliary or house units.The nameplate capacity is the full-load continuous rating of a generator, prime mover, or other electrical equipment under specified conditions as designated by the manufacturer. It is usually indicated on a nameplate attached mechanically to the equipment.

Peaking: Generating equipment normally operated during the hours of highest daily, weekly, or seasonal loads. Some generating equipment maybe operated at certain times as peaking capacity and at other times to serve loads on a round-the-clock basis.

Census Regions

The nine geographic divisions of the United States established by the United States Bureau of the Census as an effective basis for statistical analysis. The boundaries of the Census Regions are logical geographic regions congruent with State boundaries.

Coal

A black or brownish black solid combustible substance formed by the partial decomposition of vegetable matter without free access of air and under the influence of moisture and often increased pressure and temperature. The rank of coal (anthracite, bituminous, subbituminous, and lignite) is determined by its heating value.

Anthracite: Hard and jet black with a high luster, it is the highest rank of coal and is mined in Northeast Pennsylvania.

Bituminous: The most common coal, soft, dense, black with well-defined bands of bright and dull material. Bituminous is ranked between anthracite and subbituminous and is mined chiefly in Kentucky, Pennsylvania, and West Virginia.

Lignite: A brownish black coal of the lowest rank, it is mined in North Dakota, Montana and Texas.

Coal - Continued

Subbituminous: A dull black coal ranking between lignite and bituminous, it is mined chiefly in Montana and Wyoming.

Coke

In general, coke is made from bituminous coal from which the volatile constituents have been driven off by heat, so that fixed carbon and ash are fused together. Coke is hard and porous.

Consumption (Fuel)

Amount of fuel used. For purposes of this publication, included is fuel consumed for gross generation, fuel used for providing standby service, and oil or gas used for start-up and/or flame stabilization of steam-electric plants.

Costs

Price of fuel.

Cents per Million Btu: Fuel is purchased on the basis of its heat content; therefore, cost is measured by computing cents per million Btu of the fuel consumed. It is the total cost of fuel consumed divided by its Btu content, and the quotient multiplied by one million.

Coal Dollars per Ton: Cost in dollars per short ton averaged over a specified time period.

Contract: Price of fuels marketed on a contract basis covering a period of one or more years. Contract prices reflect market conditions at the time the contract was negotiated and therefore remain constant throughout the life of the contract or would be adjusted through escalation clauses. Generally, the movement of contract prices are not given to any wide degree of fluctuation.

Firm Gas: Price of gas to customers on a continuous, uninterrupted and generally long-term contract. Firm gas prices exceed interruptible gas prices by widely varying margins, because users often pay a premium for firm purchases.

Gas Dollars per Mcf: Cost in dollars per thousand cubic feet averaged over a specified time period.

Interruptible Gas: Price of gas sold to customers with a provision that permits curtailment or cessation of service at the discretion of the distributing company under certain circumstances as specified in th service contract. For this reason, interruptible gas prices are lower than firm gas prices.

Oil Dollars Per Bbl: Cost in dollars per barrel averaged over a specified time period.

Spot: A single shipment of fuel or volumes of fuel to be delivered within one year. Spot purchases are often made by a user to fulfill a certain portion of energy requirements or to meet unanticipated energy requirements.

Demand

The rate at which electric energy is delivered to or by a system, part of a system, or piece of equipment, at a given instant or averaged over any designated period of time. (Also see Load.)

Coincident: The sum of two or more demands that occur in the same demand interval.

Instantaneous Peak: Maximum demand at the instant of greatest load.

Integrated: The demand averaged over a specified period, usually determined by an integrating demand meter or by the integration of a load curve.

Interval: The period of time during which the electric energy flow is averaged in determining demand, such as 60-minute, 30-minute, 15-minute, or instantaneous.

Maximum: The greatest of all demands of the load under consideration occurring within a specified period of time.

Noncoincident: The sum of two or more demands on individual systems that do not occur in the same demand interval.

Electric Utility

An enterprise engaged in the production, transmission or distribution of electricity for use by the public, including investor-owned, cooperatively-owned and government-owned (municipal systems, Federal agencies, State projects, and public power districts).

Energy

The capability of doing work. Electric energy is measured in watthours (wH) and heat energy is generally measured in British thermal units (Btu). One form of energy may be changed to another, such as burning coal to produce steam to drive a turbine which produces electricity.

Deliveries (Electric): Energy generated by one system and delivered to another system through one or more transmission lines.

Net Energy for Load: Net generation of main generating units that are system-owned or operated plus energy receipts minus energy deliveries.

Receipts (Electric): Energy generated by one system and received by another system through one or more transmission lines.

Fuel

Any substance that can be burned to produce heat; it sometimes includes materials that can be fissioned in a chain reaction to produce heat.

Fossil: Any naturally occuring fuel of an organic nature, such as coal, crude oil, and natural gas.

Nuclear: Fuel containing fissionable materials of such composition and enrichment that when placed in a nuclear reactor will support a self-sustaining fission chain reaction and produce heat in a controlled manner for process use.

Gas (Natural)

A mixture of hydrocarbon gases, principally methane, occuring in porous geologic formations beneath the earth's surface, often found in association with petroleum.

Gas (Other)

Other or manufactured gas includes coke oven gas, blast furnace gas, and refinery gas. Manufactured gas is obtained by distillation of coal, by the thermal decomposition of oil, or by the reaction of steam passing through a bed of heated coal or coke.

Generation (Electric)

The act or process of producing electric energy from other forms of energy; also, the amount of electric energy so produced, expressed in watthours (wH).

Gross: The total amount of electric energy produced by the generating units in a generating station or stations, measured at the generator terminals.

Net: Gross generation less the electric energy consumed at the generating station for station use. (Energy required for pumping at pumped storage plants is regarded as plant use and must be deducted from the gross generation).

Gigawatt (gW)

One billion watts.

Gigawatthour (gWh)

One billion watthours.

Kilowatt (kW)

One thousand watts.

Kilowatthour (kWh)

One thousand watthours.

Load (Electric)

The amount of electric power delivered or required at any specific point or points on a system.

Baseload: The minimum load over a given period of time.

Coincident Peak: The sum of two or more peak loads which occur in the same time interval.

Noncoincident Peak: The sum of two or more peak loads on individual systems that do not occur in the same time interval. Meaningful only when considering loads within a limited period of time, such as a day, week, month, a heating or cooling season and usually for not more than one year.

Peak: The maximum load during a specified period of time.

Mcf

One thousand cubic feet.

MMcf

One million cubic feet.

Megawatt (MW)

One million watts.

Megawatthour (MWh)

One million watthours.

National Electric Reliability Council (NERC)

In 1968, the electric industry created the NERC to augment the reliability and adequacy of bulk power supply in the electric utility systems of North America. NERC consists of nine Regional Reliability Councils and encompasses essentially all the power systems of the contiguous U.S. and the Canadian systems in Ontario, British Columbia, Manitoba, and New Brunswick.

Oil

A mixture of hydrocarbons existing in the liquid state in natural underground reservoirs. Oil is often found in association with gas.

Heavy: The fuel oils remaining after the lighter oils have been distilled off during the refining process. For purposes of this publication, included are products known as American Society for Testing and Materials (ASTM) Grade Nos. 4, 5 and 6 and residual fuel oils. Except for start-up and flame stabilization, virtually all oil used in steam plants is heavy oil.

Oil - Continued

Light: The lighter fuel oils distilled off during the refining process. For purposes of this publication, included are products known as American Society for Testing and Materials (ASTM) Grade No. 2 heating oil, kerosene and jet fuel. Virtually all oil used in internal combustion and gas turbine engines is light oil.

Petroleum Coke

A solid hydrocarbon residue of oil distillation, high in carbon content and low in hydrogen.

Plant (Electric)

A station at which are located prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or nuclear energy into electric energy.

Baseload: A plant usually housing high-efficiency, steam-electric units which operates continuously to provide the baseload of a system.

Fossil Fuel: A plant using coal, oil, or gas as its source of energy.

Gas Turbine: A plant in which the prime mover is a gas turbine engine. A gas turbine consists typically of an axial-flow air compressor, one or more combustion chambers where liquid or gaseous fuel is burned in excess air, and a turbine, where the hot gases are expanded to drive the compressor and generator.

Geothermal: A plant in which the prime mover is a steam turbine. The turbine is driven either by steam produced from hot water or by natural steam, both trapped below the surface of the earth's crust.

Hydroelectric: A plant in which the prime mover is a waterwheel driven by falling water.

Internal Combustion: A plant in which the prime mover is an internal combustion engine. An internal combustion engine has one or more cylinders in which the process of combustion takes place, converting energy released from the rapid burning of a fuel-air mixture into mechanical energy. Diesel engines are the principal types used in electric plants.

Nuclear Power: A plant in which the prime mover is a steam turbine. The steam used to drive the turbine is produced in a reactor by heat from the fissioning of nuclear fuel.

Peak Load: A plant usually housing old, low efficiency steam units, gas turbines, diesels, or pumped storage hydroelectric equipment normally used during the peak load periods.

Pumped Storage: A hydroelectric plant which usually generates electric energy during peak load periods by usually using water previously pumped into a storage reservoir during off-peak periods.

Steam-Electric (Conventional): A plant in which the prime mover is a steam turbine. The steam used to drive the turbine is produced in a boiler by heat from burning fossil fuels.

Plant Use (Electric): The electric energy used in the operation of a plant. Included in this definition is the energy required for pumping at pumped storage plants.

Price

Retail cost of electricity.

Retail Electricity in Selected Cities (Residential): Price of electricity supplied to residential customers for lighting, refrigeration, cooling, water heating, and other domestic uses.

Retail Electricity in Selected Cities (Commercial): Price of electricity supplied to commercial or business establishments such as stores, offices, restaurants, and garages for lighting and other power purposes.

Retail Electricity in Selected Cities (Industrial): Price of electricity supplied to industrial establishments such as automotive and steel producing industries.

Prime Mover

The engine, turbine, water wheel or similar machine which drives an electric generator.

Production (Electric):

See Generation.

Receipts

Purchasing of fuel

Contract: Purchases on a contract basis generally covering a period of one or more years.

Firm Gas: Purchases of gas by customers on a continuous, uninterrupted and generally long-term contract.

Interruptible Gas: Purchases of gas by customers with the provision that service may be interrupted at the discretion of the distributing company or under certain circumstances as specified in the service contract.

Off Peak Gas: Spot purchases of gas. (See Purchases, Spot.)

Spot: A single shipment of fuel or volumes of fuel to be delivered within one year. Spot purchases may be made to supplement contract purchases of fuel or to meet unanticipated energy requirements.

Short Ton

A unit of weight equal to 2,000 pounds.

Station (Electric)

See Plant.

Stock (Fuel)

A supply of fuel accumulated for future use. For purposes of this publication, this definition includes coal and fuel oil stocks at the plant site, in coal cars or barges at the plant site, and stocks held in central storage yards.

System (Electric)

Physically connected generation, transmission, and distribution facilities operated as an integrated unit under one central management, or operating supervision.

Unit Per Day

The quantity for each day for the period of time during which the quantity is averaged.

Watt

The electrical unit of power or rate of doing work. A watt is the rate of energy transfer equivalent to one ampere flowing under pressure of one volt at unity power factor. It is analogous to horsepower or foot-pound per minute of mechanical power. One horsepower is equivalent to approximately 746 watts.

Watthour

Equal to one watt of power supplied to, or taken from, an electric circuit steadily for one hour.

Technical Notes
1. Detailed Source of Data

The Office of Energy Data (OED) is responsible for routine data improvement and quality assurance activities. All operations of OED are done in accordance with formal standards established by EIA. These standards are the measuring rod necessary for quality statistics. Data improvement efforts include verification of data-keyed input by automatic computerized methods, editing by subject matter specialists, and follow-up on non-respondents. Completed forms received by the Office of Energy Data are sorted, screened for completeness of reported information, and keyed onto computer tapes for storage and transfer to data bases on random access storage devices for computer processing. The information coded on the computer tapes is spot checked against the forms by hand to certify accuracy of the tapes. To insure the quality standards established by EIA, we have designed and implemented algorithms using the past history of data values in the data base to automatically check data input for errors. This automatically reduces the possibility of error entries in the data bases over time as the algorithm learns. Data values rejected by the algorithm are checked with respondents by telephone to correct the problems. Respondent computerized data files are checked to identify those who fail to respond to the survey. By law, non-respondents may be fined or otherwise penalized for not filing an EIA data form as prescribed in the instructions. Before invoking the law, the EIA tries to obtain the required information by encouraging cooperation of non-respondents.

The Office of Energy Information Validation (OEIV) supports the quality assurance efforts of the OED data collectors by providing advisory reviews of the structure of information requirements, and of proposed designs for new and revised data collection forms and systems. OEIV also validates the actual performance of working data collection systems, once fielded. OEIV provides EIA a necessary internal check and balance; by checking assumptions and system performance against the operational reality, it also provides OED and the project offices with useful feedback.

A brief summary of the history of the form and data collected and published in the **Cost and Quality of Fules for Electric Utility Plants – Annual** is presented below.

1.1. FPC Form 423 - Monthly Report of Cost and Quality of Fuels for Electric Plants

Summary Statement of the FPC Form 423 Primary Purpose

The Federal Power Commission (FPC) Form 423 is a monthly record of each fuel purchase delivered to electric power generation plants with a fossil fuel combined capacity of 25 megawatts or greater.

Instrument and Design History

On July 7, 1972, the FPC issued Order Number 453 enacting the New Code of Federal Regulations, Section 141.61, and legally creating the Form 423. Originally, the form included only steam plants, but was amended in 1974 to include internal combustion and combustion turbines.

The FPC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants, is submitted by approximately 281 electric utilities for each fossil-fueled plant having a total generating capacity of 25 megawatts or more. A six-month supply of forms is mailed to respondents semi-annually. Completed forms are due on or before the 45th day following the end of the reporting month.

Data Processing

Forms are mailed to respondents using a computerized mailing address file. Completed forms are manually logged in and edited before the data is keypunched for automatic data processing. The electric utility companies are telephoned to obtain data in cases of missing reports and to verify data when questions arise during editing. All respondents' reports are received each month before the final automatic edit of the submitted data. New plants are added to the FPC Form 423 System when respondents indicate the addition of a new plant.

Presentation

An edit program checks the data for errors not found during manual editing. Following verification of the data, computer printouts of aggregated data are produced for inclusion in the publication. After the monthly publication the **Electric Power Monthly** is cleared by EIA, the data become available for public use in either custom computer runs, data tapes, or the publications themselves on a cost-recovery basis.

Data from the Form 423 are summarized in the publications, **Cost and Quality of Fuels for Electric Utility Plants - Monthly**(4), **Cost and Quality of Electric Utility Plant Fuels - Annual**(3), and the **Monthly Energy Review**(6).

Information Collected

The data items supplied each month by all electric utilities for each plant are:

Plant type: steam turbine, combustion turbine, or internal combustion.

Purchase type (spot purchase): purchases for which the cost is negotiated for one delivery.

Purchase type (contract purchase): purchases for which the cost of deliveries is negotiated in advance for a term of more than one delivery.

Fuel type (Coal): anthracite, bituminous, subbituminous, lignite, and petroleum coke.

Fuel type (Oil): FO2, FO4, FO5, FO6, crude, topped crude, kerosene, jet fuel, and liquefied petroleum gas (LPG).

Fuel type (Gas): natural gas, synthetic natural gas, liquefied natural gas, refinery gas, blast furnace gas, and coke oven gas.

Fuel type (Other fuels): methanol, or specified by footnote.

Coal mines (Type): surface mined or underground mined.

Coal mines (District): State and Bureau of Mines (BOM) coal producing district.

Source (Coal): name of mine and county from which coal originated.

Source (Oil): supplier and refinery or port of entry.

Source (Gas): pipeline (supplier) or distributor, producing area by State, or port of entry.

Quantity (Heat Content): average Btu content.

Quantity (Sulfur Content): sulfur content (percentage by weight).

Quantity (Ash Content): ash content (percentage by weight).

Quantity (Cost): cents per million Btu.

2. Quality of Data

The edit systems are automated to edit data from the form surveys on a monthly basis. The edit includes both deterministic checks, in which records are checked for the presence of required fields and their validity, and statistical checks, in which estimation techniques are used to validate data according to its behavior in the past and in comparison to other current fields. When all data have passed the edit process, the system builds monthly master files. These master files are used as input to this report.

2.1. Estimation Procedures

Missing data values are estimated by using the previous month's data. This approach is used to minimize the time in producing the report, and until further analysis of the data in our data bases is performed.

When all data in a table are estimates, the table title includes the word "estimated." To indicate that an individual cell of a table contains estimated data a capital "E" (to the left of the number) and an accompanying footnote is used. Subtotals and totals do not indicate "E" if the table clearly shows that any or all the components are estimates. Similarly, any values (such as in daily average or percent change columns) which clearly are calculated from estimated data are not footnoted.

Office of Coal and Electric Power Statistics Data Revision and Correction Policy

The Office of Coal and Electric Power Statistics has adopted the following policy with respect to the revision and correction of data published in Energy Data Reports and made available in a machine format:

1. All data collected by this office (excluding secondary source data) will be published as preliminary data when first appearing in an energy data report.

2. The next publication of the data will be in final form when the data base are closed.

3. Revisions or corrections will only be made in the event a substantial (greater than one percent) reporting change is received or a substantial (greater than one percent) error is discovered.

4. Revisions or corrections to published secondary source data will be made if and when the organization from whom the data was received revises or corrects the data.

5. No revisions will be made without the approval of the Director, Office of Coal and Electric Power Statistics.

2.2. Confidentiality of the Data

The data collected on the forms used for input to this report are not confidential.

2.3. Obtaining Copies of Data

Upon EIA approval of the **Elecric Power Monthly**, the data become available for public use in either custom computer runs, data tapes, or the publications themselves on a cost-recovery basis. A request is made by writing a letter to:

U.S. Department of Energy
Energy Information Administration
Division of Electric Power Statistics, EI-452
Forrestal Building
Washington, D. C. 20585

Copies of these data are free to all U.S. Government agencies. However, for a tape copy the agency must submit a tape with the request.

Custom computer runs are obtained by submitting a check of $25.00 made out to the U.S. Treasury with the written request for the hard copy.

Tape copies are obtained by submitting a check of $50.00 made out to the U.S. Treasury and a tape with the written request.

2.4. Explanatory Notes

Percent Change

Percent Change = ((CMY-CMPY)/CMPY) x 100, where CMY is the current month-year and CMPY is the current month-previous year.

FPC Form 423

The symbol F is coal, oil, heavy oil, light oil, and gas. In the case of coal, to obtain the other aggregates replace contract with strip and auger, spot with underground. Gas aggregates are obtained by replacing contract with interruptible and spot with firm.

Total Btu

Total Btu = SUM(Quantity x Average Btu Content x U), where SUM is an operator meaning summation, U = 2000 lb/ton for coal, U= 42 gal/bbl for oil, and U = 1000 cf/Mcf for gas.

Cents per Million Btu

Cents per Million Btu = SUM(Quantity x Average Btu Content x Cost in cents per Million Btu)/SUM(Quantity x Btu Content), where SUM is an operator meaning sumation.

Dollars per Unit

Dollars per Unit = SUM(Quantity x Average Btu Content x U x Cents per Million Btu)/(SUM(Quantity)x100), where SUM is an operator meaning summation, U = 2000 lb/ton for coal, U = 42 gal/bbl for oil, and U = 1000 cf/Mcf for gas.

Receipts

U.S. Aggregates

Total Receipts(T) = SUM(Receipts(T)), where T is bituminous, subbituminous, anthracite, and lignite for coal; light and heavy for oil; natural and other for gas and SUM is an operator meaning summation.

NERC Aggregates

NERC Receipts(RT) = SUM(Receipts(RT)), where R is a NERC region; T is bituminous, subbituminous, anthracite, and lignite for coal; light and heavy for oil; natural and other for gas and SUM is an operator meaning summation.

Census Region Aggregates

Census Receipts(CT) = SUM(Receipts(CT)), where C is a census region; T is bituminous, subbituminous, anthracite, and lignite for coal; light and heavy for oil; natural and other for gas and SUM is an operator meaning summation.

State Aggregates

State Receipts(ST) = SUM(Receipts(ST)), where S is a State; T is bituminous, subbituminous, anthracite, and lignite for coal; light and heavy for oil; natural and other for gas and SUM is an operator meaning summation.

Cost

U.S. Aggregates

Total Average Cost of (F) = Cents per Million Btu, for the cents per million Btu calculation applied to the contiguous U.S.

Total Average Cost of (F) = Dollars per Unit, for the dollars per unit calculation applied to the contiguous U.S.

Total Average Contract Cost of (F) = Cents per Million Btu, for the cents per million Btu calculation applied to the contiguous U.S.

Total Average Spot Cost of (F) = Cents per Million Btu, for the cents per million Btu calculation applied to the contiguous U.S.

Total Average Contract Cost of (F) = Dollars per Unit, for the dollars per unit calculation applied to the contiguous U.S.

Total Average Spot Cost of (F) = Dollars per Unit, for the dollars per unit calculation applied to the contiguous U.S.

Census Region Aggregates

Census Region Average Cost of (F) = Cents per Million Btu, for the cents per million Btu calculation applied to the census region.

Census Region Average Cost of (F) = Dollars per Unit, for the dollars per unit calculation applied to the census region.

Census Region Average Contract Cost of (F) = Cents per Million Btu, for the cents per million Btu calculation applied to the census region.

Census Region Average Spot Cost of (F) = Cents per Million Btu, for the cents per million Btu calculation applied to the census region.

Census Region Average Contract Cost of (F) = Dollars per Unit, for the dollars per unit calculation applied to the census region.

Census Region Average Spot Cost of (F) = Dollars per Unit, for the dollars per unit calculation applied to the census region.

State Aggregates

State Average Cost of (F) = Cents per Million Btu, for the cents per million Btu calculation applied to the State.

State Average Cost of (F) = Dollars per Unit, for the dollars per unit calculation applied to the State.

State Average Contract Cost of (F) = Cents per Million Btu, for the cents per million Btu calculation applied to the State.

State Average Spot Cost of (F) = Cents per Million Btu, for the cents per million Btu calculation applied to the State.

State Average Contract Cost of (F) = Dollars per Unit, for the dollars per unit calculation applied to the State.

State Average Spot Cost of (F) = Dollars per Unit, for the dollars per unit calculation applied to the State.

2.5. Rounding Rules for Data

An n digit number with r digits to the left of the decimal point and d+t digits in the fraction part is rounded to (r+d) digits adding 5 to the (r+d+1)th digit when the number is positive. When the number is negative, 5 is subtracted from the (r+d+1)th digit. The t digits are truncated or chopped at the (r+d+1)th digit. The symbol for a rounded number truncated to zero is (r).

2.6. Use of the Glossary

The terms in the glossary have been defined for general use. Restrictions on the definitions as used in this data collection system are included in each definition when necessary to define the terms as they are used in this report.

2.7. Conversion Factors

Average Btu

Average Btu = SUM(Quantity x Average Btu Content)/SUM(Quantity), where SUM is an operator meaning summation. This Average Btu is a United States average when SUM is applied to the United States.

2.8. List of Twenty Largest Companies Ranked by Total Btu, Fuel Bill, Coal, Oil, and Gas Receipts

List of 20 Largest Companies Ranked by Total Btu Receipts in 1980

Company Name	Total btu's Billions	Total Cost Thousand Dollars
1. Tennessee Valley Authority	824,366	1,264,761
2. Houston Lighting and Power	588,962	1,206,372
3. Georgia Power (Southern Co)	497,205	754,455
4. Texas Pwr and Lt (Texas Utils)	488,488	507,850
5. Southern California Edison	478,417	1,727,456
6. Commonwealth Edison	416,733	1,118,219
7. Duke Power	382,490	610,077
8. Pennsylvania Electric (GPS)	374,045	453,550
9. Pacific Gas and Electric	364,364	1,556,605
10. The Detroit Edison Co	348,483	580,613
11. Florida Power and Light	339,442	1,063,716
12. Ohio Power (AEP)	326,387	488,747
13. Alabama Power Co (SC)	323,849	535,340
14. Appalachian Power (AEP)	318,511	508,035
15. Pennsylvania Power and Light	306,508	610,326
16. Gulf States Utilities	290,626	358,862
17. Union Electric	278,434	342,561
18. Pacific Power and Light	278,046	182,359
19. Oklahoma Gas and Electric	260,389	387,663
20. Public Service Co of Indiana	259,831	303,260
Total 20 companies	**7,745,576**	**14,560,827**
Total number of companies 277 20 Largest companies as a percent of Total Btu's and Total Fuel Bill	**40.8**	**39.8**

List of 20 Largest Companies Ranked by Total Fuel Bill in 1980

Company Name	Cost Thousand Dollars	Total Btu Billions
1. Southern California Edison	478,417	1,727,456
2. Pacific Gas and Electric	364,364	1,556,605
3. Tennessee Valley Authority	824,366	1,264,761
4. Houston Lighting and Power	588,962	1,206,372
5. Commonwealth Edison	416,733	1,118,219
6. Florida Power and Light	339,442	1,063,716
7. Georgia Power (Southern Co)	497,205	754,455
8. Consolidated Edison Co of NY	183,958	720,428
9. Pennsylvania Power and Light	306,508	610,326
10. Duke Power	382,490	610,077
11. Public Service Elec and Gas-NJ	175,750	602,896
12. The Detroit Edison Co	348,483	580,613
13. Virginia Electric and Power	207,702	564,781
14. Alabama Power Co (SC)	323,849	535,340
15. Appalachian Power (AEP)	318,511	508,035
16. Texas Pwr and Lt (Texas Utils)	488,488	507,850
17. Ohio Power (AEP)	326,387	488,747
18. Los Angeles Dept of Wtr and Pwr	107,234	466,253
19. Florida Power Corp	150,767	460,253
20. Pennsylvania Electric (GPS)	374,045	453,550
Total 20 companies	**7,203,661**	**15,800,733**
Total number of companies 277 20 Largest companies as a Percent of Total Bill and Total Btu's	**38.0**	**43.2**

List of 20 Largest Companies Ranked by Coal Receipts in 1980

Company Name	Quantity Thousand Tons	Cost Thousand Dollars
1. Tennessee Valley Authority	35,245	1,243,589
2. Texas Pwr and Lt (Texas Utils)	27,014	217,998
3. Georgia Power (Southern Co)	20,727	737,679
4. Commonwealth Edison	16,846	617,783
5. Pacific Power and Light	16,316	178,341
6. Pennsylvania Electric (GPS)	15,516	439,860
7. Duke Power	15,496	593,871
8. Ohio Power (AEP)	15,279	488,747
9. Alabama Power Co (SC)	13,369	521,260
10. Appalachian Power (AEP)	13,294	508,035
11. The Detroit Edison Co	13,241	471,086
12. Union Electric	12,401	324,209
13. Public Service Co of Indiana	12,157	293,315
14. Arizona Public Service	10,586	108,050
15. Pennsylvania Power and Light	10,084	345,825
16. Monongahela Power (APS)	9,574	305,366
17. Salt River Project	9,182	175,054
18. Carolina Power and Light	9,098	349,896
19. Kansas City Power and Light	8,740	161,250
20. Northern States Power	7,964	149,473
Total 20 companies	**292,129**	**8,081,214**
Total Number of Companies Receiving Coal 171		
20 Largest companies as a Percent of all coal receipts	**49.2**	**47.3**

List of 20 Largest Companies Ranked by Oil Receipts in 1980

Company Name	Quantity Thousand Barrels	Cost Thousand Dollars
1. Florida Power and Light	39,401	960,391
2. Southern California Edison	32,286	979,740
3. Pacific Gas and Electric	22,438	694,419
4. Consolidated Edison Co of NY	16,905	510,286
5. Florida Power Corp	15,315	339,066
6. Virginia Electric and Power	15,183	385,123
7. Long Island Lighting	15,108	347,163
8. New England Power (NEES)	14,829	339,555
9. Boston Edison	14,809	385,711
10. Commonwealth Edison	13,099	462,511
11. Central Hudson Gas and Electric	11,181	259,064
12. Public Service Elec and Gas-NJ	10,436	322,829
13. Philadelphia Electric	9,900	296,381
14. Pennsylvania Power and Light	9,885	264,501
15. Niagra-Mohawk Power	9,707	269,792
16. The Canal Electric Co	9,639	218,644
17. Los Angeles Dept of Wtr and Pwr	9,263	294,742
18. San Diego Gas and Electric	9,259	295,668
19. Hawaiian Electric	9,165	215,769
20. Jacksonville Electric Authority	9,040	218,240
Total 20 companies	**296,848**	**8,059,595**
Total Number of Companies Receiving Oil 185		
20 Largest Companies as a Percent of all Oil Deliveries	**72.7**	**72.9**

List of 20 Largest Companies Ranked by Gas Receipts in 1980

Company Name	Quantity Thousand Mcf	Cost Thousand Dollars
1. Houston Lighting and Power	459,392	988,253
2. Gulf States Utilities	273,277	333,660
3. Pacific Gas and Electric	212,881	862,187
4. Southern California Edison	195,822	676,732
5. Oklahoma Gas and Electric	165,825	285,147
6. Texas Pwr and Lt (Texas Utils)	139,722	286,467
7. Louisiana Power and Light (MSU)	137,417	173,642
8. Public Serv Co of Oklahoma (CSW)	131,857	250,089
9. Central Power and Light (CSW)	122,087	325,770
10. Texas Electric Serv(Texas Utils)	119,288	120,551
11. Florida Power and Light	91,312	100,432
12. Southwestern Public Service	85,913	199,307
13. Southwestern Electric Pwr (CSW)	84,132	105,886
14. Mississippi Pwr and Lt (MSU)	79,647	169,730
15. Consolidated Edison Co of NY	77,151	210,142
16. Dallas Pwr and Lt (Texas Utils)	66,419	162,629
17. Public Service Elec and Gas-NJ	64,075	193,164
18. Central Louisiana Electric	59,880	174,012
19. West Texas Utilities (CSW)	54,248	103,821
20. Arkansas Power and Light (MSU)	54,205	118,411
Total 20 companies	**2,674,550**	**5,840,032**
20 Largest companies as a Percent of Total Btu's and Total Fuel Bill	**74.5**	**71.6**
Total Number of companies 186		

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.

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