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A SURVEY OF ELECTRIC UTILITY DEMAND FOR COAL

by

J. G. Asbury, J. V. Caruso, A. Kouvalis,
and C. S. Maslowski

MASTER

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J.G. Asbury, J.V. Caruso, A. Kouvalis, and C.S. Maslowski
Energy and Environmental Systems Division

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Errata for

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Please substitute the attached Figures 4.1, 4.2, and
4.3 for those which appear in the report.

Technical Information Services Dept.
December 1979

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ABSTRACT

This report presents the results of a survey of electric utility demand for coal in the United States. The sources of survey information are: (1) Federal Energy Regulatory Commission Form 423 data on utility coal purchases during the period July 1972 through December 1978 and (2) direct telephone survey data on utility coal-purchase intentions for power plants to be constructed by 1992. Price and quantity data for coal used in existing plants are presented to illustrate price and market-share trends in individual coal-consuming states during recent years. Coal source, quality, quantity, and transportation data are reported for existing and planned generating plants.

1 INTRODUCTION

This report presents information on electric utility coal consumption and supply in the United States for the period 1972-1992. Price, quantity, and quality data for coal used in existing power plants are assembled to illustrate price and market-share trends in the utility steam coal market between July 1972 and December 1978. This information was obtained from Federal

Energy Regulatory Commission Form 423 data on utility coal purchases. In addition, the results of a direct telephone survey of all utilities with plans to bring new coal-fired plants on line between 1979 and 1992 are given. These data, acquired by interviews of utility fuel purchasing agents, identify the location and capacity of each new generating station as well as the source, quality, and contract status of the coal to be consumed.

The report is divided into four sections. Section 2 defines the coal supply and market regions and describes the data sources used in the study. Section 3 contains coal purchase data -- including source, quality, quantity, and delivered price -- by individual utility generating plant, for the period 1972-1978. The data are presented in a comprehensive tabular format; selected data are also depicted graphically to illustrate recent price and market-share trends of Eastern, Western, and Midwestern coals in each coal-consuming state. Results of the direct telephone survey appear in Section 4. The survey data include: the name, location, capacity, and start-up date of each coal-fired capacity addition; the source, quality, and mode of transportation of coal for each new plant; and the length and type of coal-purchase agreement (contract).

2 DEFINITION OF COAL-PRODUCING AND -CONSUMING REGIONS AND DESCRIPTION OF DATA SOURCES

2.1 COAL-PRODUCING REGIONS

To facilitate the organization and presentation of coal supply data, the country is divided into three coal-producing regions -- Eastern, Midwestern, and Western (Fig. 2.1).^{*} This classification is based on the U.S. Bureau of Mines (BOM) definition of coal- and lignite-producing

districts. (The BOM classification of these districts is reproduced in Appendix A.) For the purposes of this report, the Eastern coal-producing region encompasses BOM Districts 1-8; the Midwestern region, BOM Districts 9-15; and the Western region, BOM Districts 16-23.

2.2 COAL-CONSUMING REGIONS

For the most part, the utility coal-consumption (purchase) data in this report are presented on a state-specific basis. During recent years, utilities in 44 states have purchased coal. Between 1972 and 1977, Connecticut, the District of Columbia, Massachusetts, and Vermont ceased coal use while Arkansas, Oklahoma, and Washington joined the group of coal-consuming states.

2.3 DATA SOURCES

2.3.1 Federal Energy Regulatory Commission Form 423

Since July 1972, the Federal Energy Regulatory Commission (FERC), formerly the Federal Power Commission, has received Form 423 from each electric utility in the country. Form 423 is a monthly report and, by law, must be filed within 45 days of the end of the month in question. This form reports information on electric utility fuel purchases, including fuel price, quantity, quality, source (by county), and type of purchase for plants with capacities of 25 MW or more. The FERC Form 423 data base, updated

* For reader convenience, all figures and tables are consecutively numbered by section and appear on pages 9-343.

quarterly and available on magnetic tape, contains information on utility consumption of all fossil fuels, including coal, gas, and oil. Argonne obtained the complete FERC data base for the period July 1972 to December 1978 and extracted most of the data on coal purchases. These data are displayed in the tables and graphs for Section 3.

2.3.2 Direct Telephone Survey

In conducting the direct telephone survey, Argonne staff spoke with fuel purchasing agents at every U.S. utility with new coal-fired generating capacity scheduled to come on line during the period 1979-1992. The appropriate utilities were identified by consulting an Energy Information Administration (EIA) summary of all data reported by utilities on Schedule 3 of Form 12E-2 before April 9, 1979. All electric utilities are required to submit this form to the EIA by the 15th of April and October each year. Schedule 3 delineates proposed plans for changes (additions, conversions, reratings, and retirements) in generating capacity. It includes such information as utility and plant names and locations, nature of the proposed change, plant capacity and status, and scheduled date of commercial service. The information collected by direct telephone survey appears in the tables for Section 4.* The survey questionnaire used by Argonne is reproduced as Appendix B.

*The information given in Tables 4.1-4.3 for Alaska was obtained from Schedule 3 of EIA form 12E-2, rather than from a telephone interview.

3 COAL PURCHASES BY ELECTRIC UTILITIES: JULY 1972-DECEMBER 1978

3.1 INTRODUCTION

Coal consumption and price data for all utilities that purchased coal between 1972 and 1978 are presented in Tables 3.1 through 3.4 and Figs. 3.1.1 through 3.4.8. These data were extracted from the FERC data base and organized for presentation in two ways. Table 3.4 is a comprehensive list of utility coal purchase data. The appropriate data are aggregated and presented graphically to illustrate recent price and market share trends in each coal-consuming state. Tables 3.1 through 3.3 summarize the consumption, production, and market-share data found in Table 3.4 and in the figures.

As Table 3.1 indicates, coal purchases by U.S. utilities increased from 339.6 million tons in 1970 to 473.5 million tons in 1978, a 39% increase. The use of Eastern, Midwestern, and Western coals during the same period increased by 11%, 6%, and 564%, respectively. The market share of Eastern coal declined from 54% to 43% while the market shares of Midwestern and Western coals went from 39% and 7%, respectively, in 1970, to 30% and 28% in 1978.

Table 3.2 lists annual tonnages received by utilities in each coal-consuming state during the six-year period 1973-1978; Table 3.3 gives annual tonnages delivered to utilities by each coal-producing state (including both intra- and interstate shipments). These tables identify those states which are the largest utility coal

consumers (or producers) in absolute terms as well as those states whose consumption (or production) is changing most rapidly.

3.2 UTILITY COAL MOVEMENTS (1972-1978)

In Table 3.4, the comprehensive FERC data on utility coal movements are presented alphabetically by coal-consuming state and include:

- Destination. State, utility, plant name, plant location (nearest municipality), and plant capacity (MW);
- Year. Year of coal shipment (there may be more than one shipment per year listed for a given power plant as data are presented for shipments from each producing state);
- Source. Producing state (if domestic source) or designation of "IMPT" if coal was imported from foreign source;
- Quality. Coal type (bituminous, subbituminous, anthracite or lignite), minimum and maximum heating values (Btu/lb), and minimum and maximum sulfur and ash content (weight percent);
- Quantity. Annual quantity of coal delivered (thousands of tons); and

- Price. Delivered price weighted by quantity purchased and thermal value (cents per million Btu).

3.3 PRICE AND MARKET SHARE DATA

The delivered price of coal consists of the f.o.b. mine price plus transportation charges. Transportation charges increase in direct relationship to the distance the coal is shipped and the number of line transfers required. The f.o.b. mine price may be affected by several factors, including the thermal value and sulfur content of the coal in question, the type of mining involved (surface or underground), and the type of purchase agreement between the utility and mining company.

Currently, FERC classifies coal-purchase contracts into one of three categories. The Type I (fixed-price) purchase is a contractual agreement for the purchase of a specified annual tonnage, for a specified number of years, at a specified (fixed) price. The Type II (variable-price) purchase is similar to the Type I purchase except that the delivered price can vary over time according to an escalation provision agreed upon by both buyer and seller. Transactions between utilities and coal suppliers are usually made under Type I or II contracts. Since the oil embargo of 1973, the Type II coal purchase agreement has become more common. Finally, the spot purchase is a noncontractual transaction in which a utility purchases a specific tonnage of a particular coal at the prevailing market price. Spot purchase prices are determined by short-run

supply and demand conditions and tend to be more volatile than contract prices. Although usually undertaken more often by small utilities, spot purchases may be used by larger utilities to supplement long-term contracts.

Quarterly-averaged delivered coal prices by type of purchase agreement and producing region are graphically displayed in Figs. 3.1.1 through 3.44.8. A series of eight graphs is presented for each coal-consuming state; the first four show delivered prices for coal from each producing region (Eastern, Midwestern, and Western) for a specific type of purchase. The next three give delivered prices for each type of purchase (Type I, Type II, new contract*, spot) for coal from a specific region. Market-share and aggregate consumption trends during the period June 1972 - December 1978 are depicted in the final graph for each state. The solid lines in this final graph indicate the relative market shares, in percent, of each type of coal used within a particular state. The dashed line represents a six-month moving average of total coal deliveries to a specific consuming state (10^3 tons) except where "crosses" (x) appear. In the latter case, it was not possible to calculate a moving average because deliveries were much more sporadic in those states (e.g., Fig. 3.6.8) and thus the crosses represent reported monthly deliveries.

The information in these graphs highlights recent price and market share trends in the

*New-contract prices appear only for that calendar quarter in which a Type I or Type II contract first went into effect.

utility coal market. For example, in Illinois between 1974 and 1978, total utility coal consumption remained roughly constant at 33 million tons per year. Over the same period, the market share of Western coal in the Illinois market increased from 20% to about 35%, displacing Midwestern coal, whose market share decreased from 80% to about 65%. At the same time, the average price of Midwestern coal delivered to Illinois utilities under long-term contract more than tripled, rising from $\$0.35/10^6$ Btu to $\$1.20/10^6$ Btu, while the average price of Western coal more than doubled, going from $\$0.65/10^6$ Btu to $\$1.60/10^6$ Btu.

Several "blank" graphs appear among the Section 3 figures and were included for two reasons. First, the absence of data points can, in itself, convey important information. For example, Fig. 3.2.3 indicates that there were no "New Contract" deliveries to Arizona utilities between 1972 and 1978. Second, the blank graphs were included to maintain a consistent state-by-state format for the presentation of the historical data.

4 ELECTRIC UTILITY COAL-PURCHASE INTENTIONS: 1979-1992

4.1 INTRODUCTION

This section presents information collected by means of a direct telephone survey of electric utilities planning to add coal-fired generating capacity between 1979 and 1992 (see Section 2.3.2). Based on the survey information, incremental utility coal consumption for the period is estimated.

Throughout this section, the reader should be mindful of two distinctions among the data presented. First, there are two types of new plants: those currently under construction and those still in the planning stage (i.e., construction has not yet begun). Second, there are two types of coal-purchase plans: those that have been formalized by contractual agreements and those that merely represent intentions expressed by the utilities. Thus, the coal contracted for plants currently under construction establishes a fairly certain lower limit on annual deliveries to new plants by 1992, while that sum plus all other utility coal-purchase intentions represents an upper limit on annual deliveries to new plants.

4.1.1 Coal-Fired Capacity Additions

Figure 4.1 indicates the time path of utility coal-fired generating capacity expansion, by year of scheduled operation, for the period 1979-1992. The sharp reduction in capacity additions after 1985 does not represent the expected growth pattern but merely reflects the falloff of announcements for new plants with start-up dates beyond actual construction times. Although electric utilities typically have 20-year system planning horizons, announcement of new coal-fired plants rarely occurs more than seven to eight years prior to the scheduled date of operation.

The Argonne survey revealed that 144 coal-fired plants with a total capacity of 58,358 MW are currently under construction and an additional 177 plants with a capacity of 91,436 MW are in the planning stage. Thus, if all planned

power plants are built and begin commercial operation as scheduled, 149,794 MW of coal-fired capacity will be brought on stream by 1992.* The utility-specific survey data on capacity additions and coal requirements, aggregated to the state level, are presented in Table 4.1.

4.1.2 Utility Coal Requirements

Figure 4.2 shows the growth in cumulative utility coal requirements corresponding to the capacity additions discussed above. Assuming no slippage in scheduled dates of operation, by 1992 the 114 plants currently under construction will require 185 million tons per year (MTPY) of coal and the 177 plants in the planning stage will require 269 MTPY. Thus, if all plants are built and enter commercial service on schedule there will be an additional coal requirement of 454 MTPY by 1992.*

Table 4.2 contains state-specific information on the status of utility coal-purchase intentions. For each consuming state, total annual incremental coal requirements, including contract and non-contract coal, are presented. Utilities are contractually obligated (usually under "take-or-pay" provisions) to purchase the amounts of

*These estimates are for gross capacity additions and do not take into account the retirement or derating of old coal-fired plants; thus the estimates of annual incremental coal requirements presented in Table 4.1 and discussed in Section 4.1.2 may be tempered by the retirement or derating of existing capacity.

coal in Column 2 of Table 4.2, the sum of which is approximately 238 MTPY by 1992. Thus, about 53% of the 454 MTPY of incremental utility coal consumption planned by 1992 is presently under contract. The difference between 238 MTPY and the 185 MTPY discussed in the preceding paragraph is largely accounted for by coal under contract for plants still in the planning stage. The data in Tables 4.1 and 4.2 are extracted from the raw survey data given in Table 4.3.

4.2 SURVEY INFORMATION

Table 4.3 presents the data collected via a comprehensive telephone survey of all utilities having plans to add coal-fired generating capacity between 1979 and 1992. The data are listed alphabetically by coal-consuming state and include:

- Plant. Utility and plant names, plant status (under construction or planned), plant capacity (MW), plant location (county and city), date of commercial operation (month/year), type of plant (minemouth or non-minemouth), and source of water for cooling;
- Origin. State and county where supplying mine is located, and type of mining (surface or underground);
- Transportation. Mode of coal transportation (rail, barge, truck, pipeline, conveyor or lake vessel);

- Quality. Coal type (bituminous, subbituminous, or lignite), thermal values (Btu/lb), and sulfur content (weight percent);
- Contract. Length of contract (years); and
- Estimated Coal Requirements. Estimated annual consumption using reported thermal values and plant capacities, and assuming a heat rate of 9500 Btu/kWh and a load factor of 70% (10^3 tons/year).

The above data are reported for 133 utilities in 41 states.

4.3 UTILITY COAL MOVEMENTS (1979-1992)

Figure 4.3 displays the origins and destinations of utility coal movements within the contiguous 48 states for the survey period. The map also contains information about the type of plant (minemouth or non-minemouth) and producing region (Eastern, Midwestern, or Western) involved.

Table 4.4 presents the origin/destination data on a more-detailed, state-specific basis. The coal origins are defined by producing state and the destinations by consuming states. The origin of about 23% of the incremental coal requirements is presently unknown and is so indicated. The figures in the table represent total expected coal requirements in a given consuming state from a given producing state (those figures in parentheses represent the amount

of coal under firm contract). As the table indicates, Texas will experience the largest growth in consumption, most of which will be

supplied by intrastate shipments of lignite, and Wyoming will, by far, experience the largest growth in production of utility steam coal.

FIGURES

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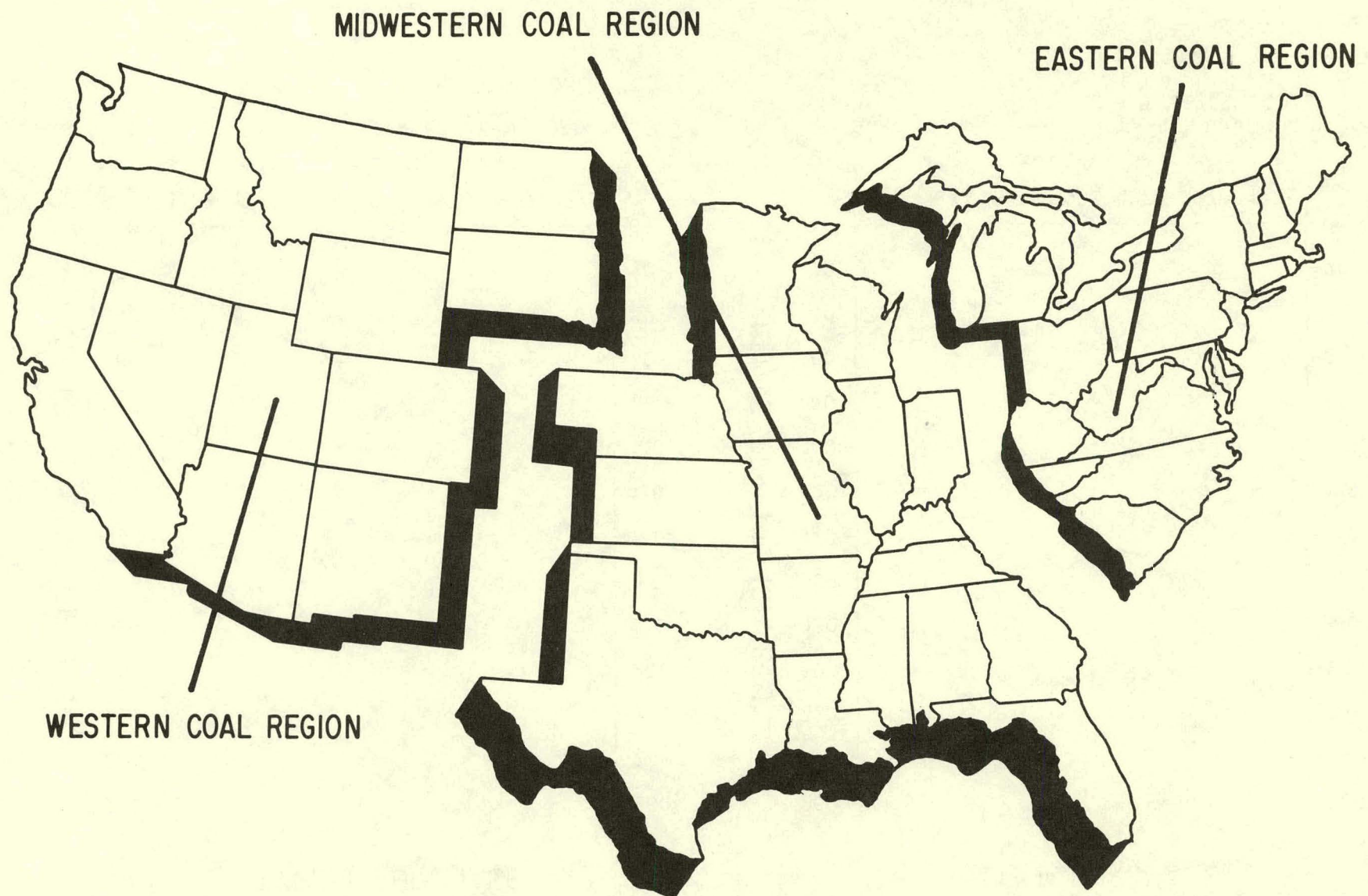


Fig. 2.1. Classification of U.S. Coal-Producing Regions

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN ALABAMA
TYPE I PURCHASE

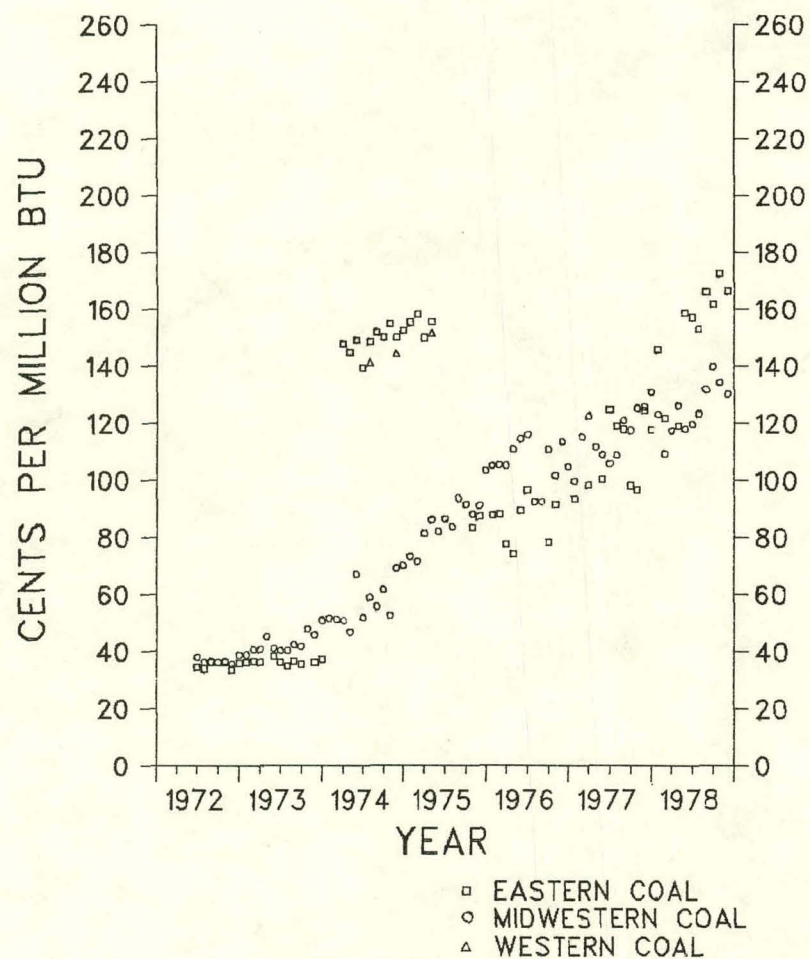


Figure 3.1.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN ALABAMA
TYPE II PURCHASE

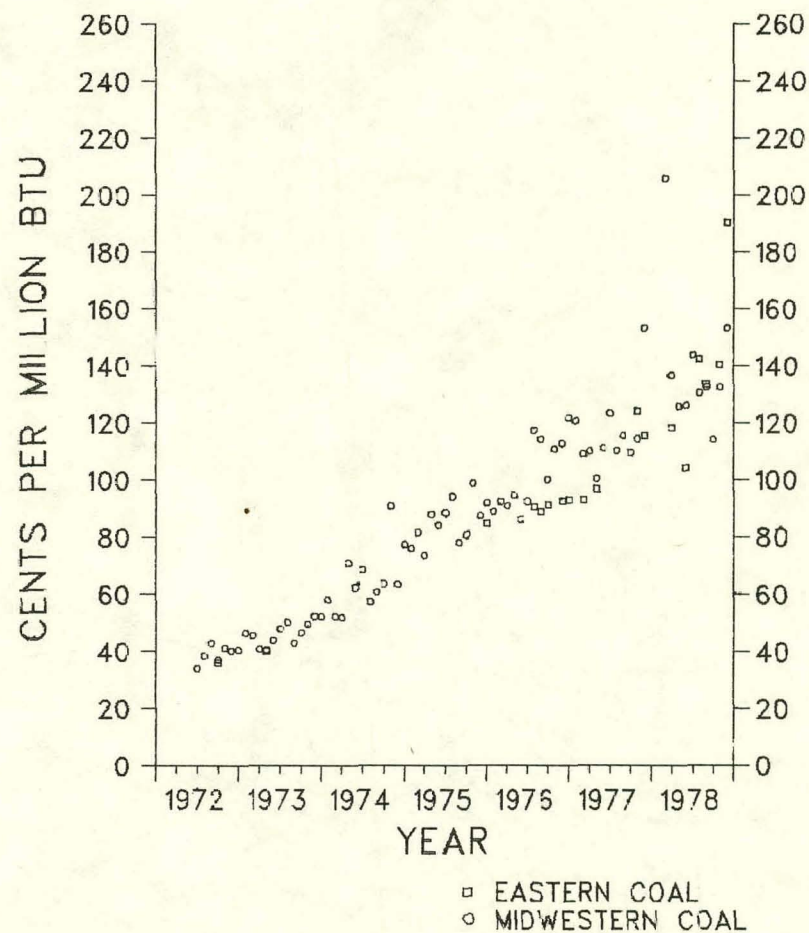


Figure 3.1.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN ALABAMA
NEW CONTRACT

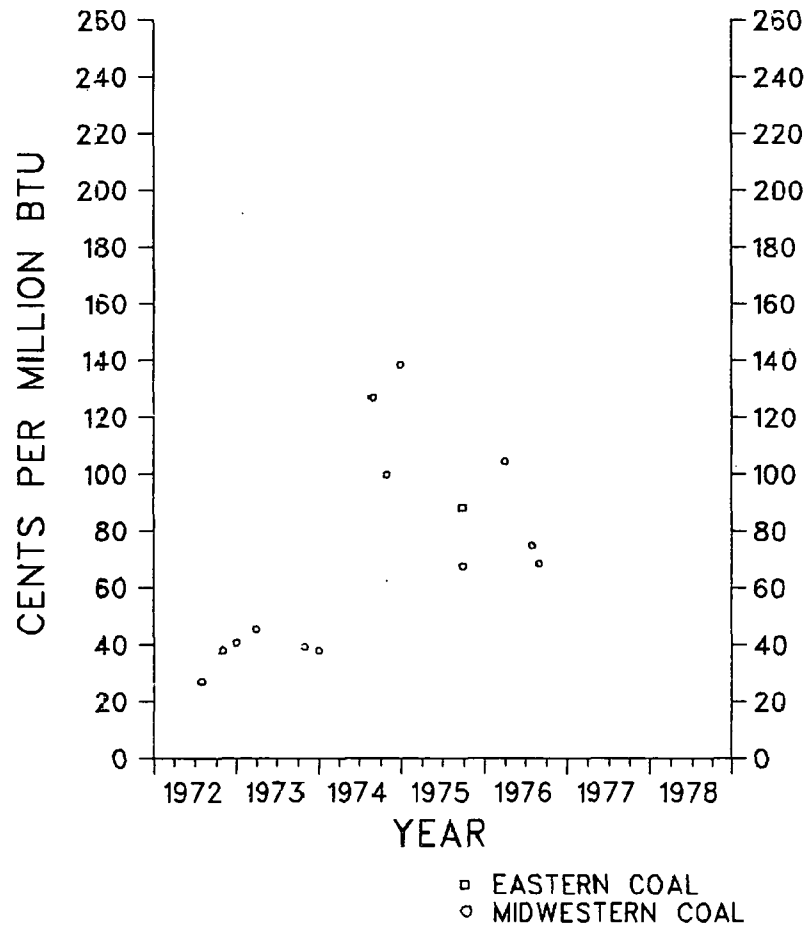


Figure 3.1.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN ALABAMA
SPOT PURCHASE

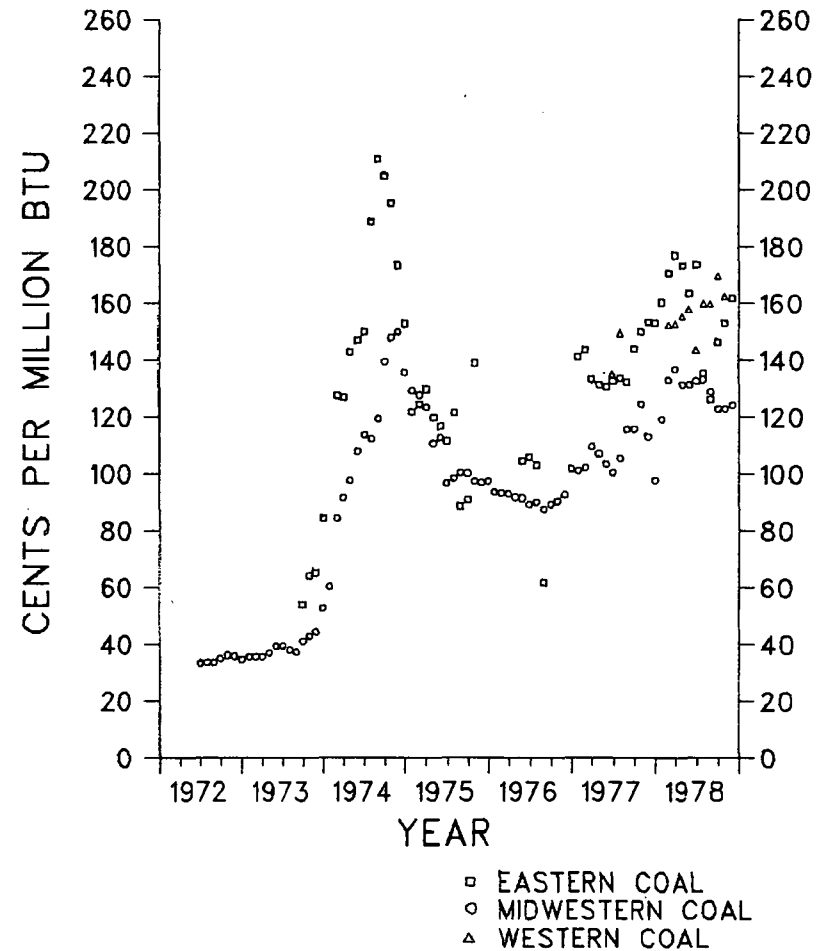


Figure 3.1.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN ALABAMA

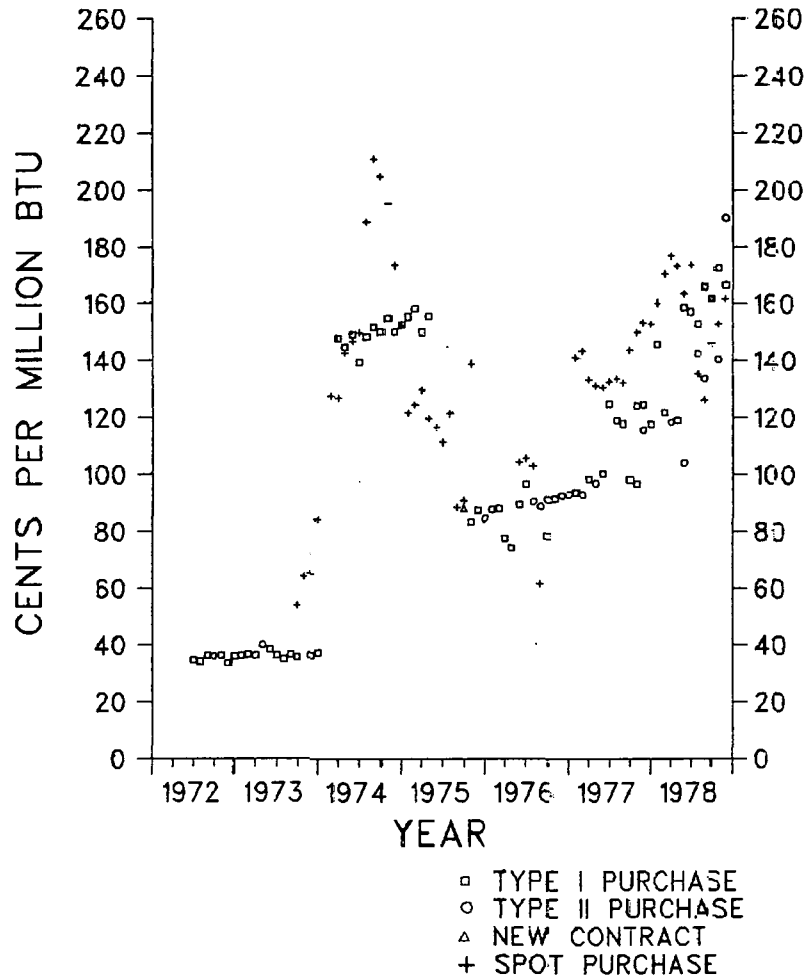


Figure 3.1.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN ALABAMA

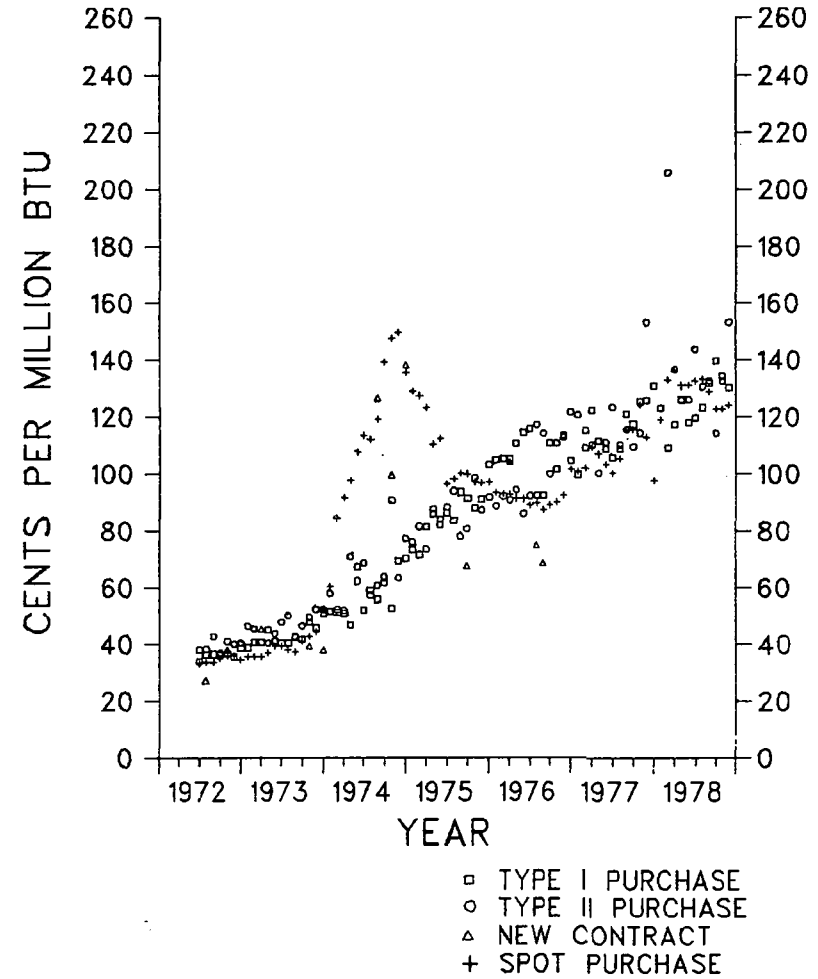


Figure 3.1.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN ALABAMA

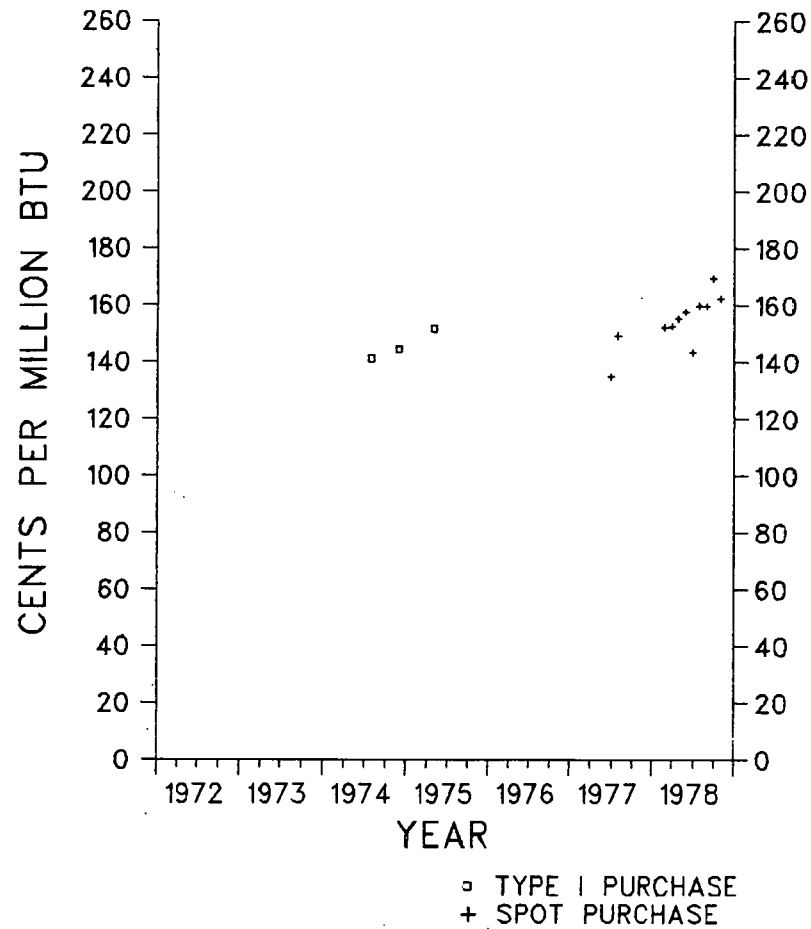


Figure 3.1.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES ALABAMA

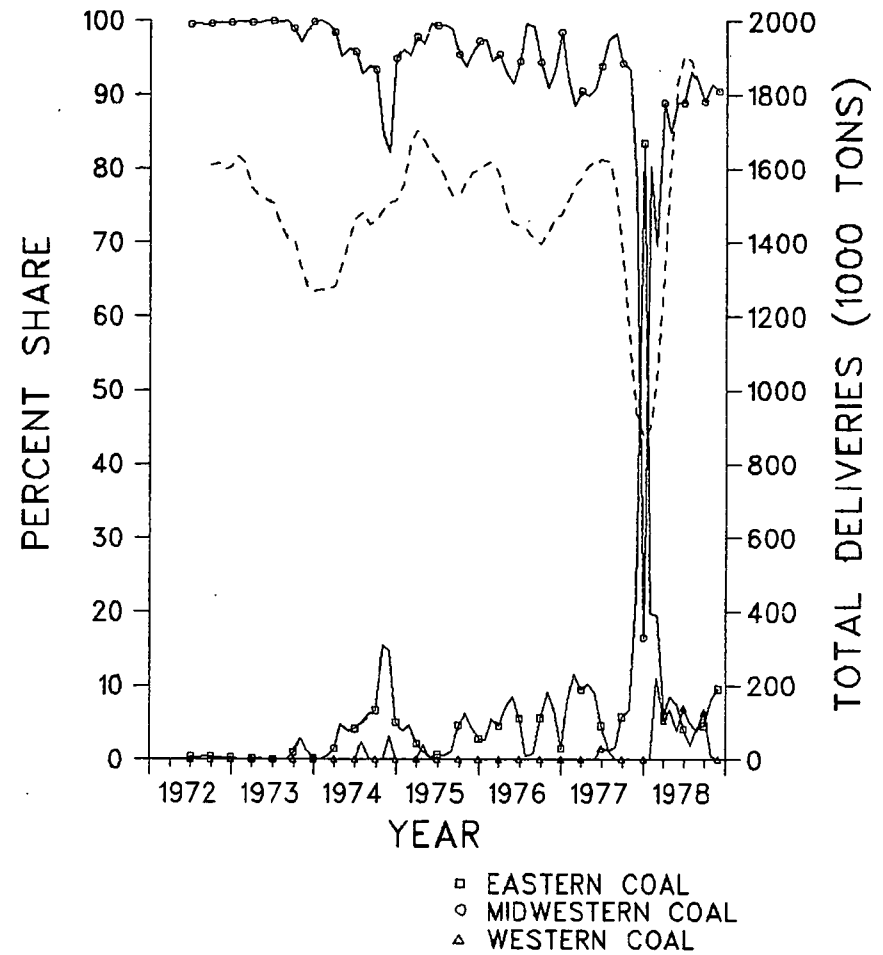


Figure 3.1.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN ARIZONA
TYPE I PURCHASE

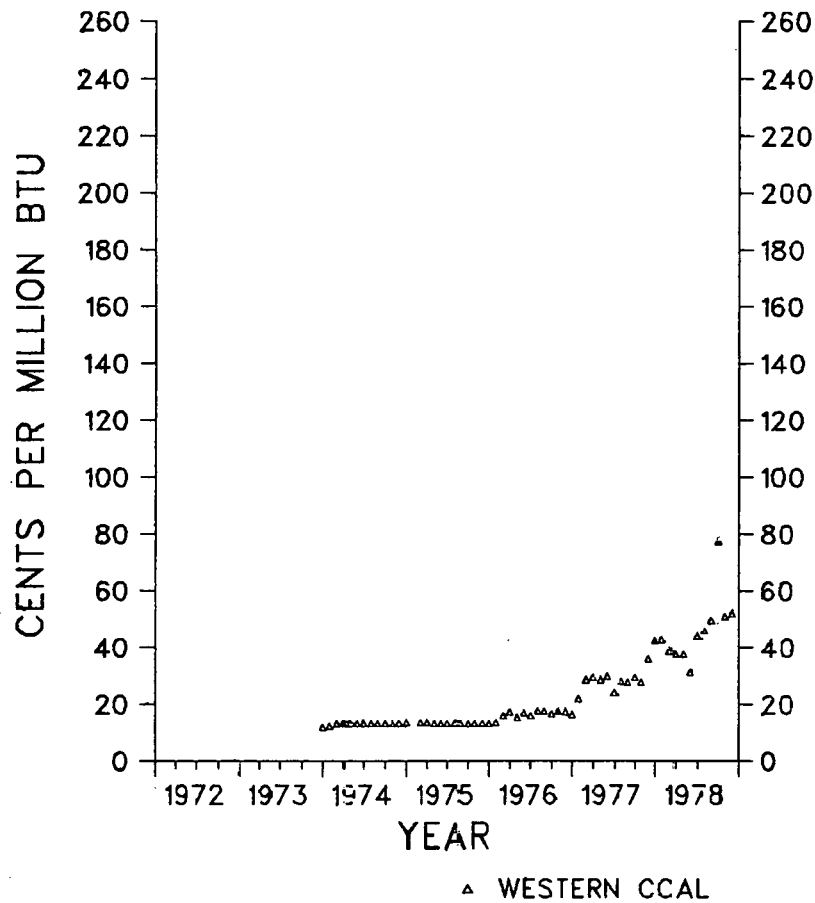


Figure 3.2.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN ARIZONA
TYPE II PURCHASE

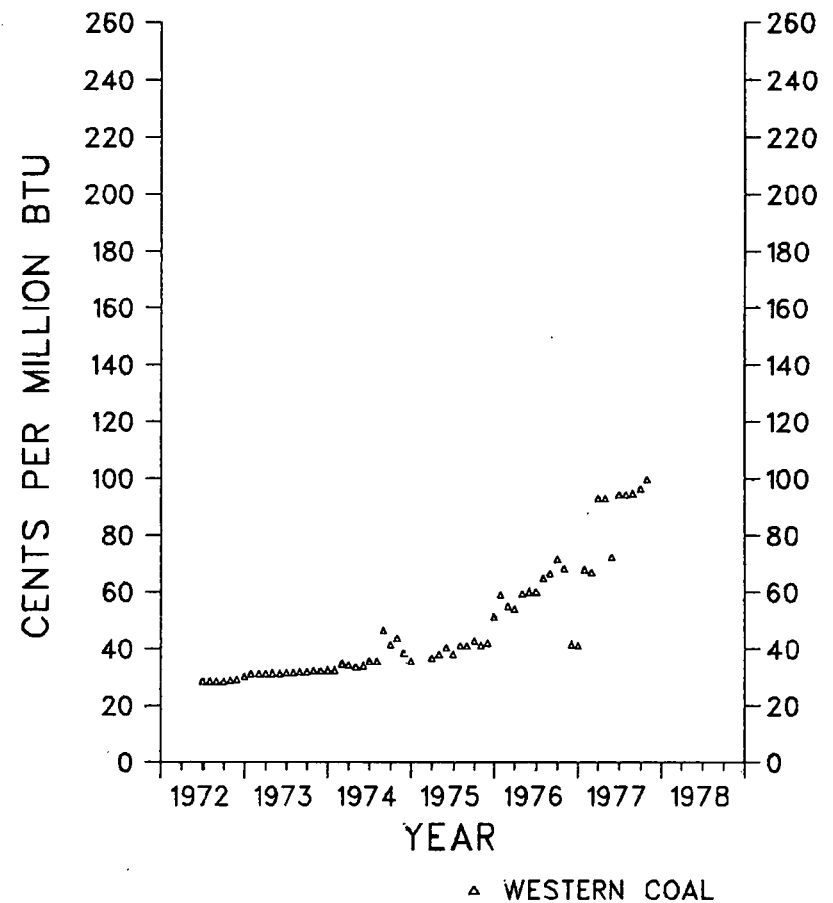


Figure 3.2.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN ARIZONA
NEW CONTRACT

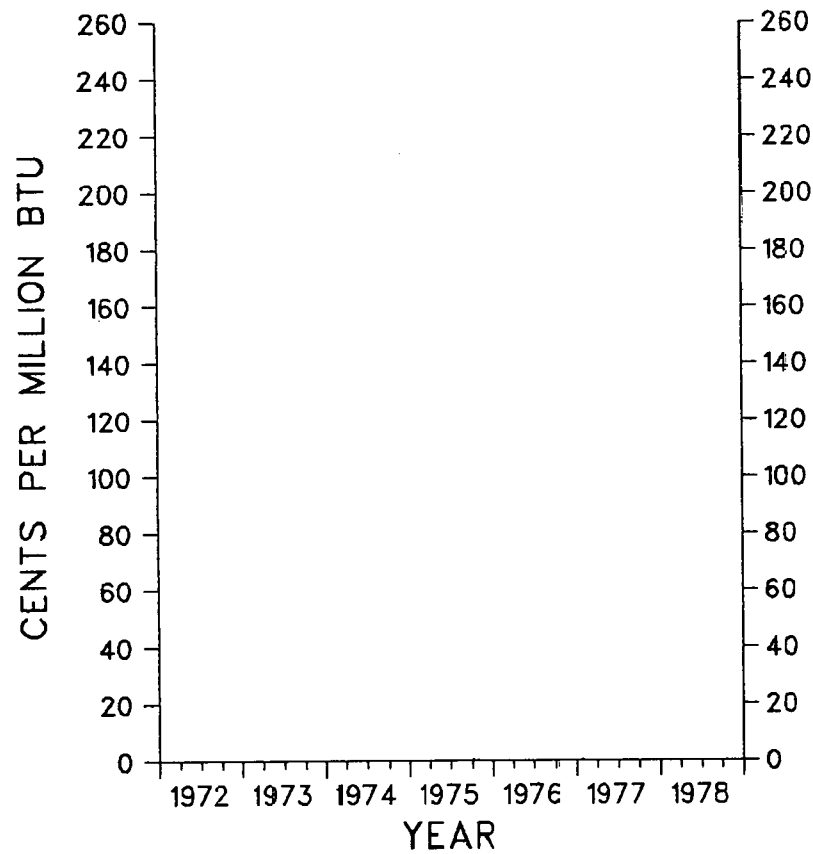


Figure 3.2.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN ARIZONA
SPOT PURCHASE

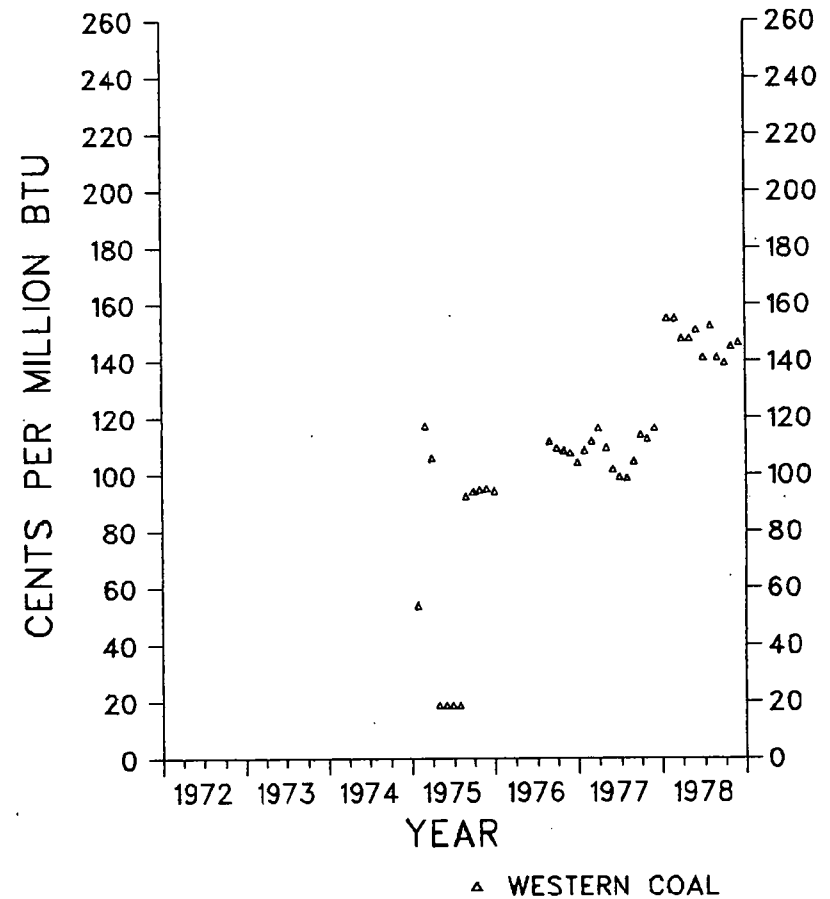


Figure 3.2.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN ARIZONA

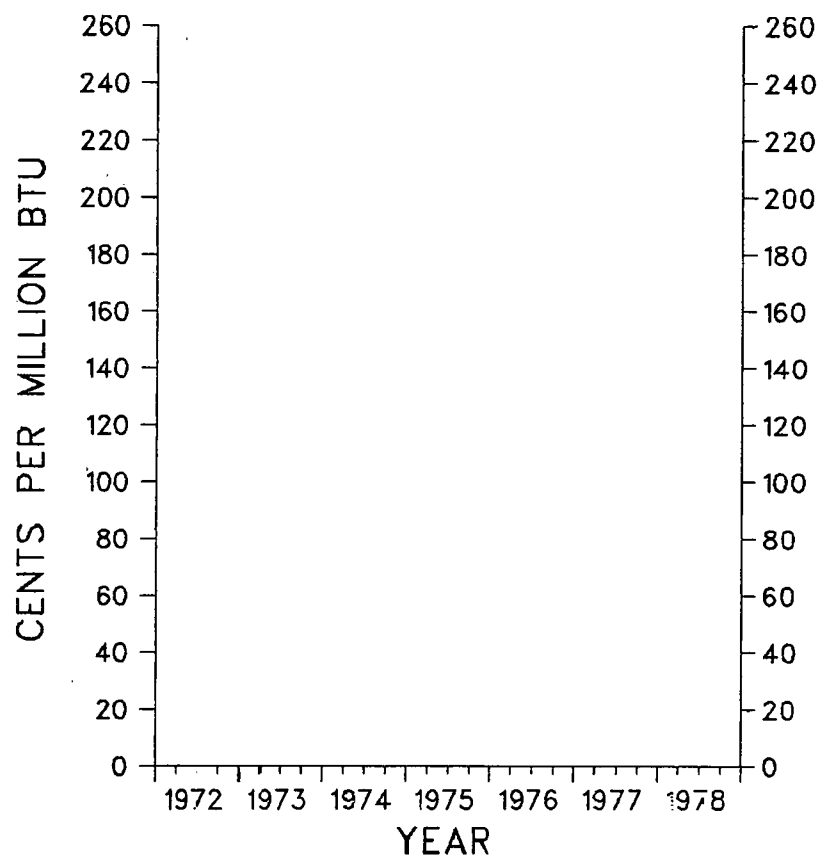


Figure 3.2.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN ARIZONA

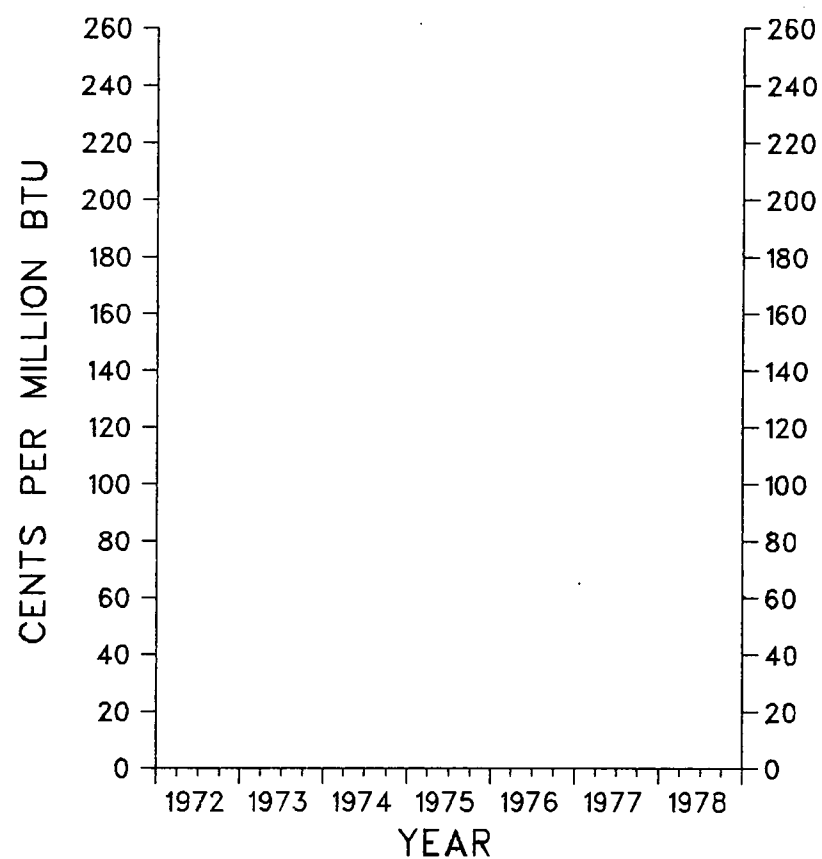


Figure 3.2.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN ARIZONA

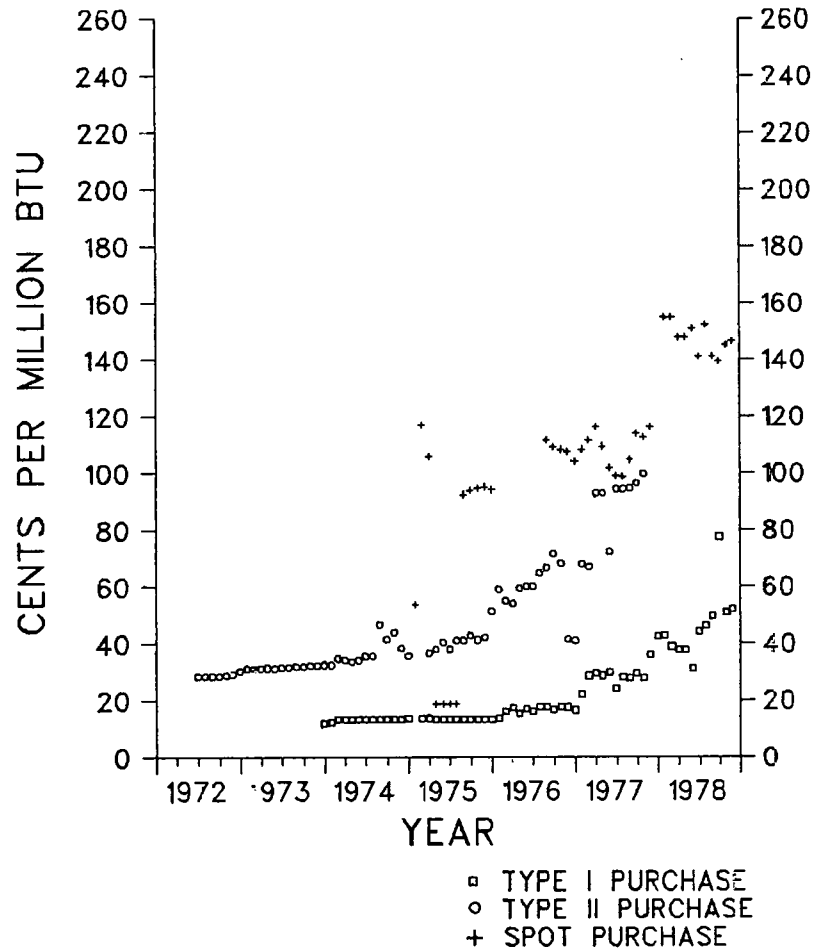


Figure 3.2.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES ARIZONA

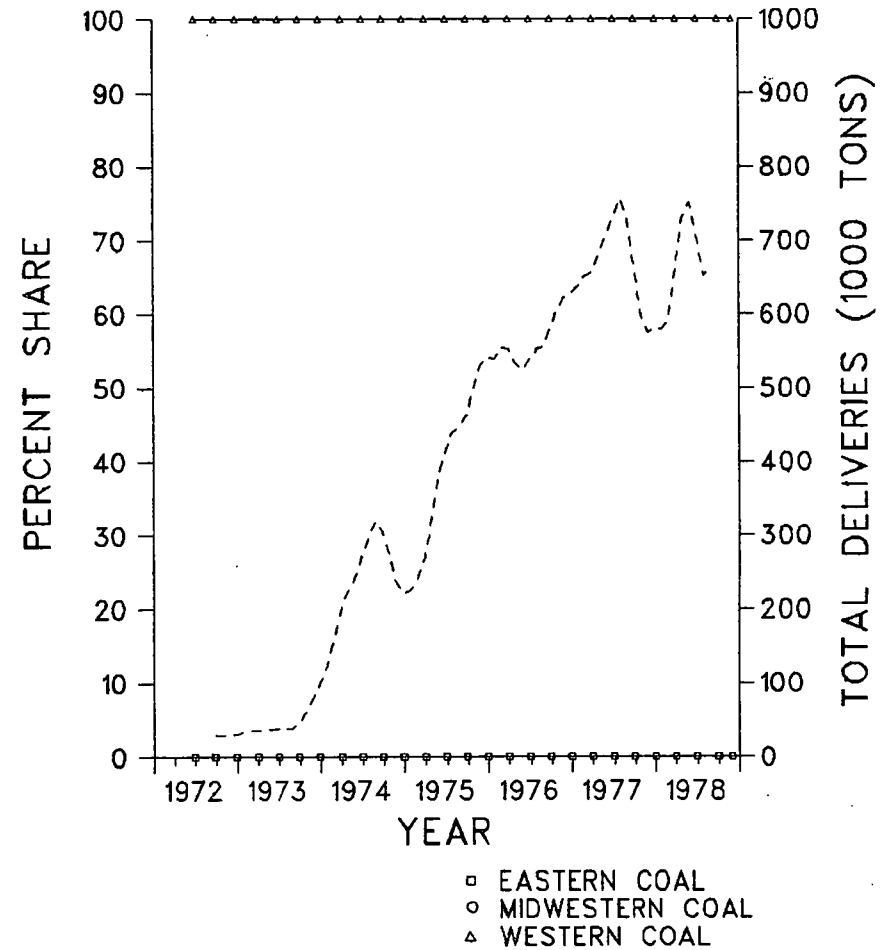


Figure 3.2.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN ARKANSAS
TYPE I PURCHASE

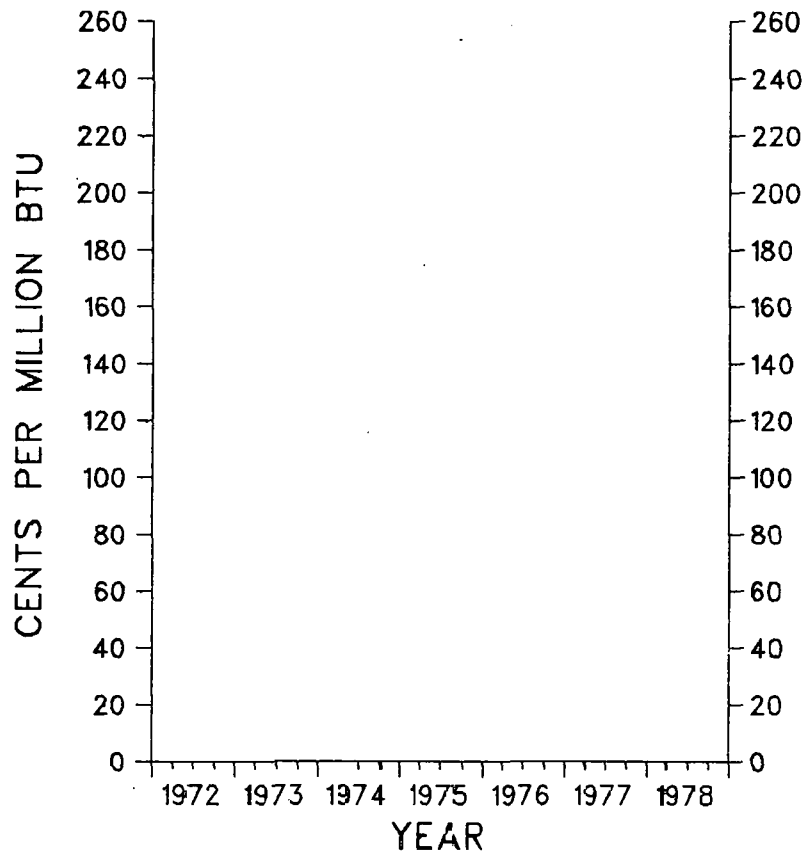


Figure 3.3.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN ARKANSAS
TYPE II PURCHASE

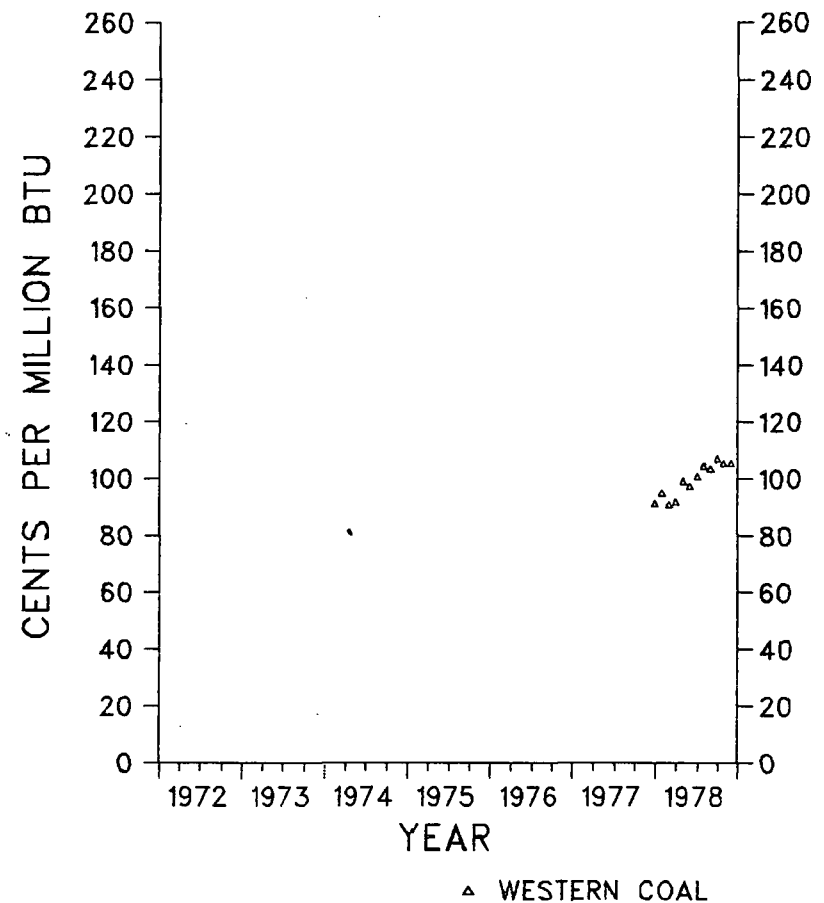


Figure 3.3.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN ARKANSAS
NEW CONTRACT

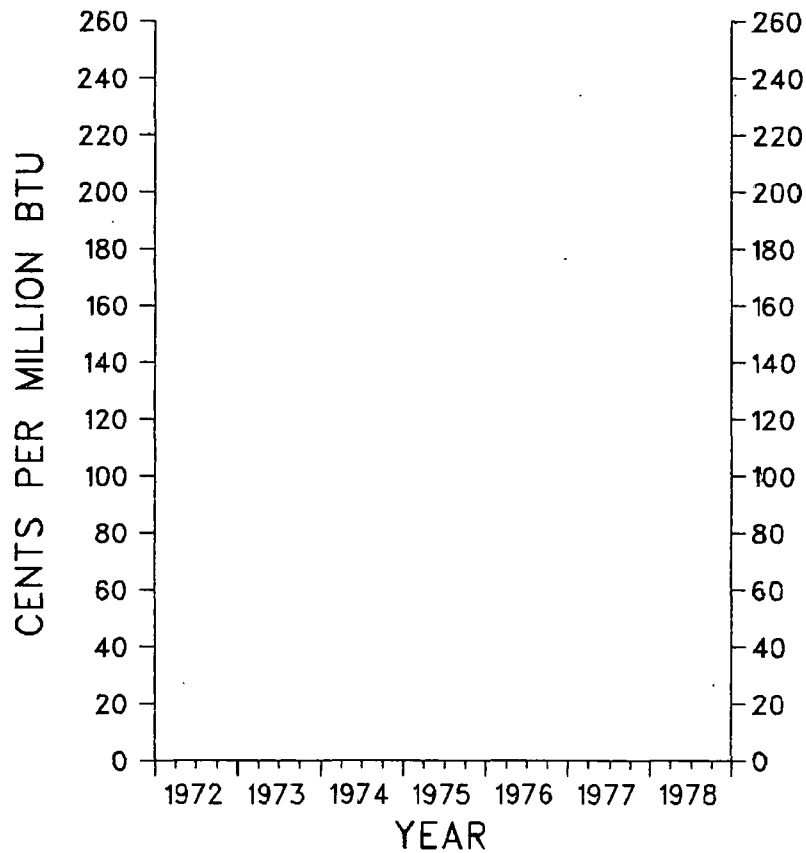


Figure 3.3.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN ARKANSAS
SPOT PURCHASE

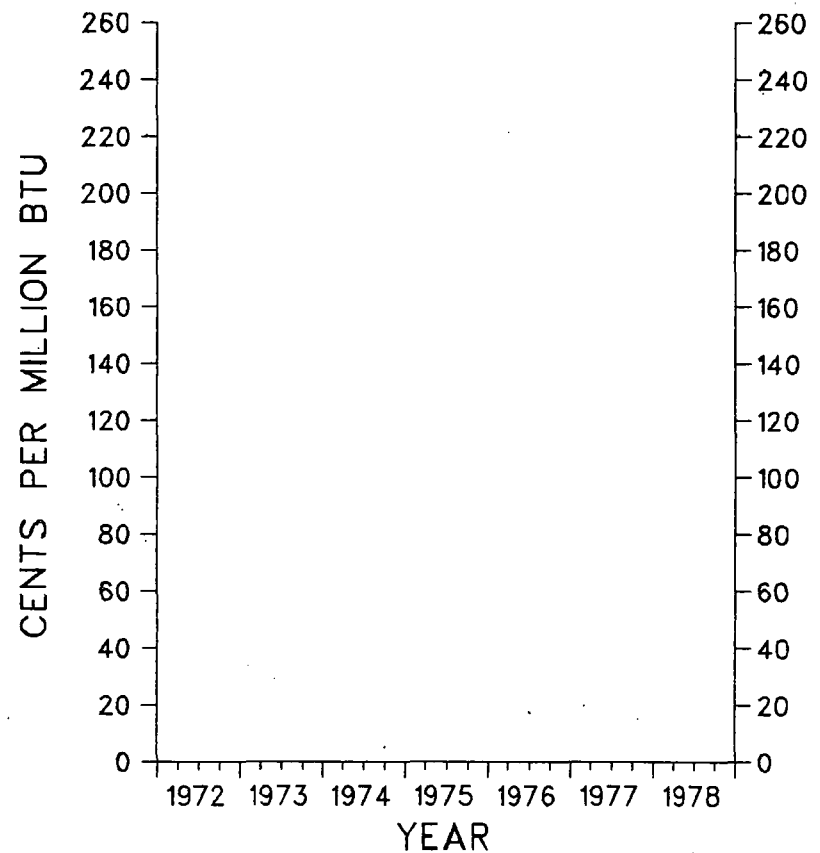


Figure 3.3.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN ARKANSAS

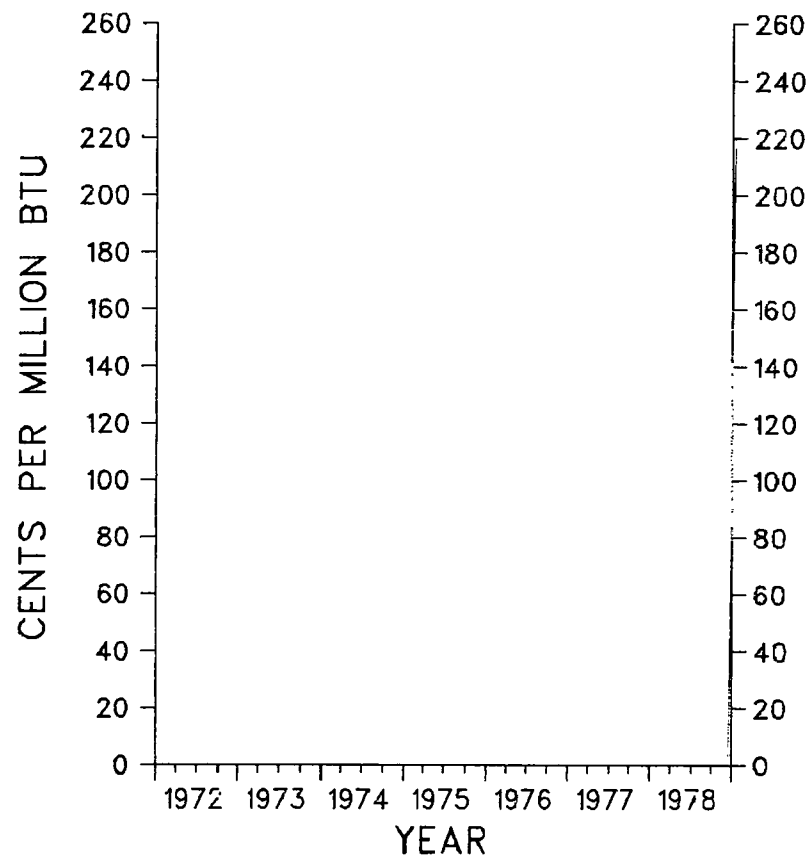


Figure 3.3.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN ARKANSAS

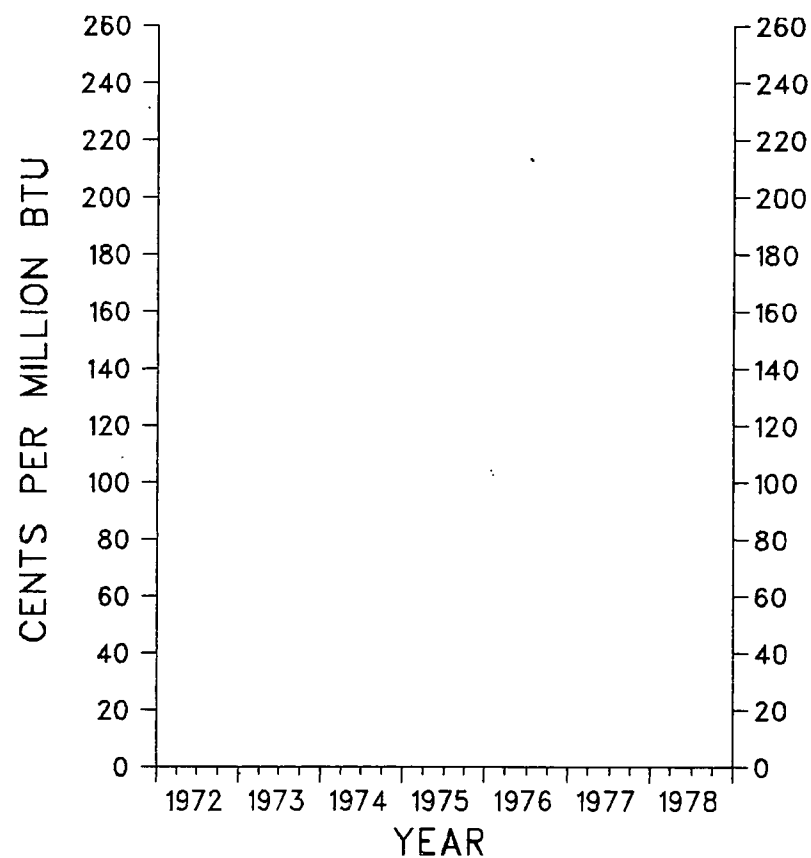


Figure 3.3.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN ARKANSAS

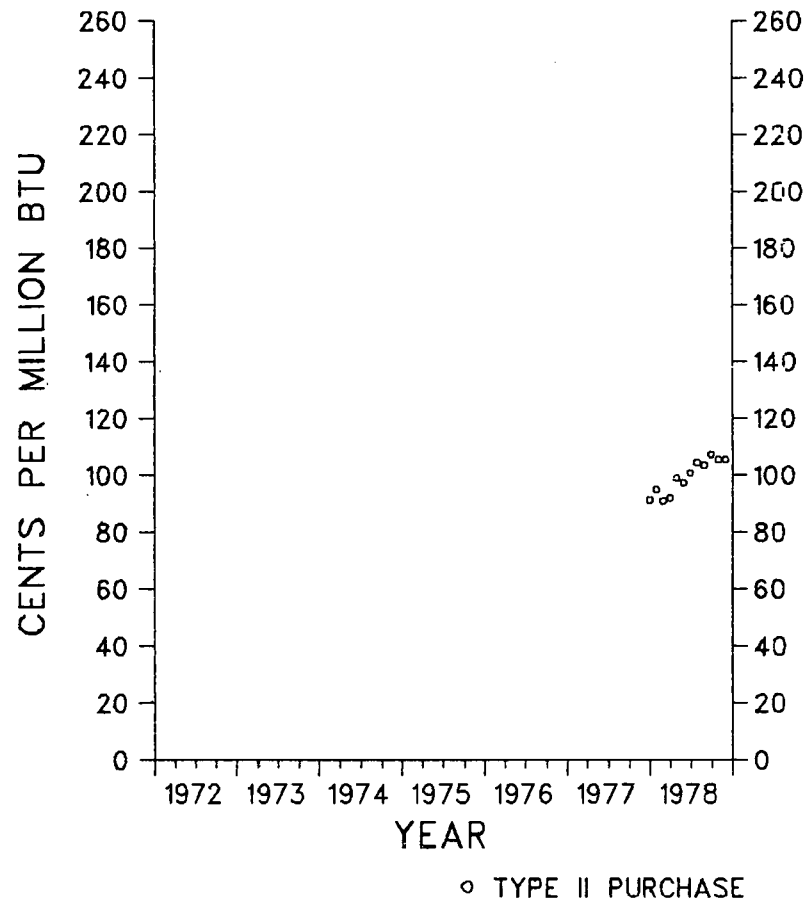


Figure 3.3.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES ARKANSAS

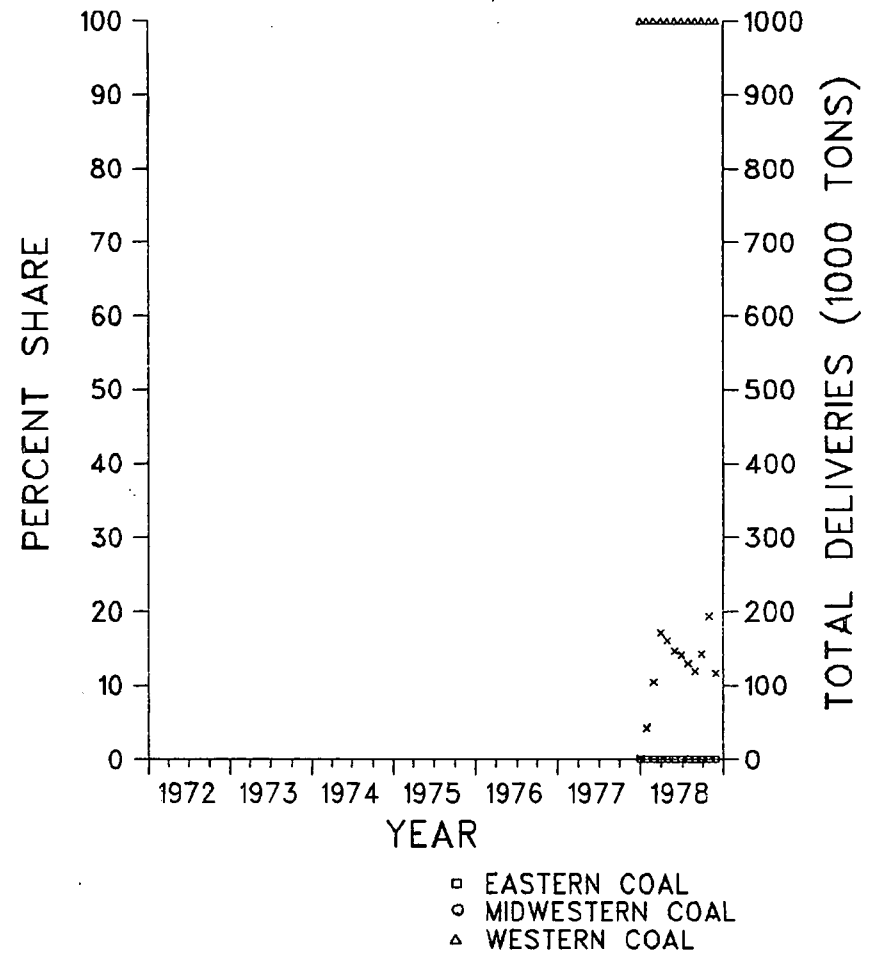


Figure 3.3.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN COLORADO
TYPE I PURCHASE

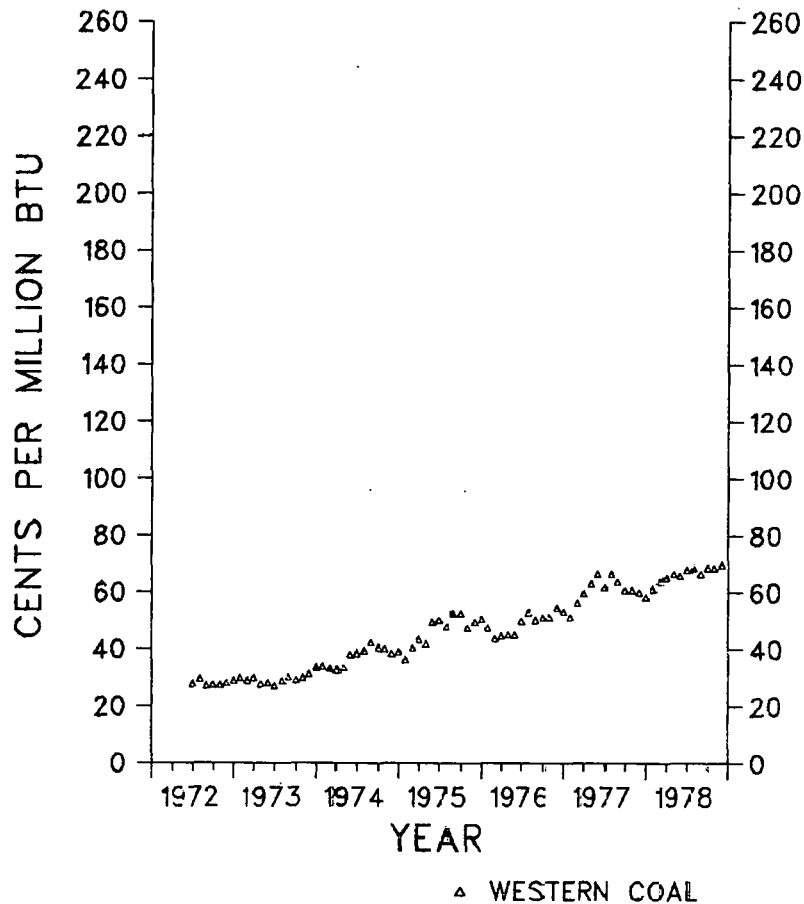


Figure 3.4.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN COLORADO
TYPE II PURCHASE

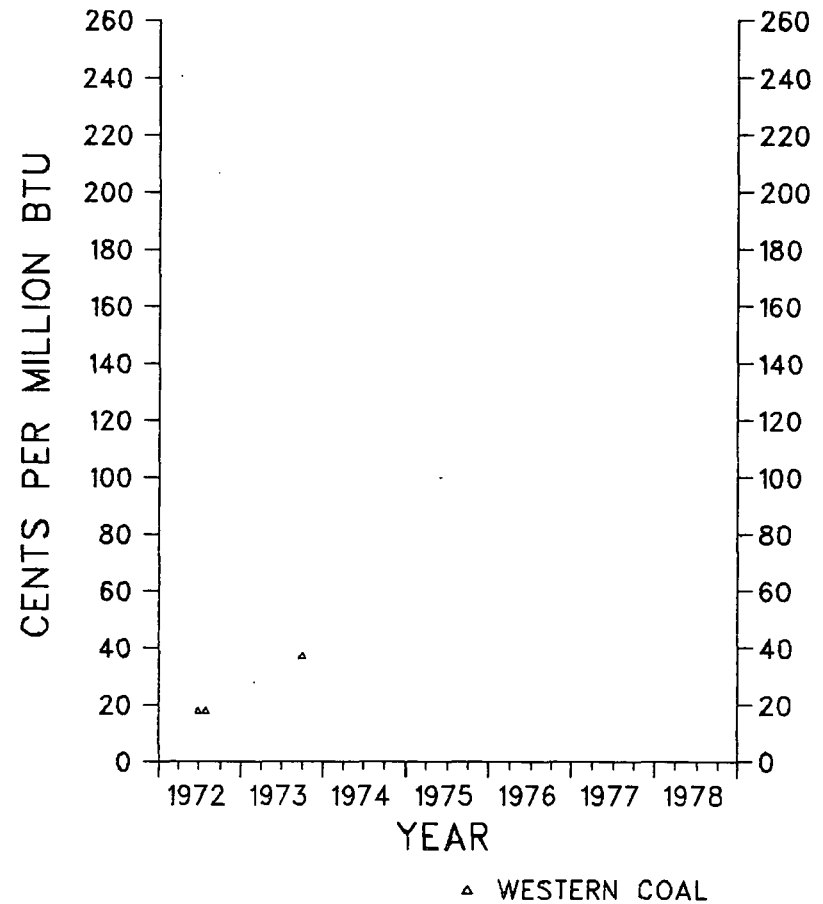


Figure 3.4.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN COLORADO
NEW CONTRACT

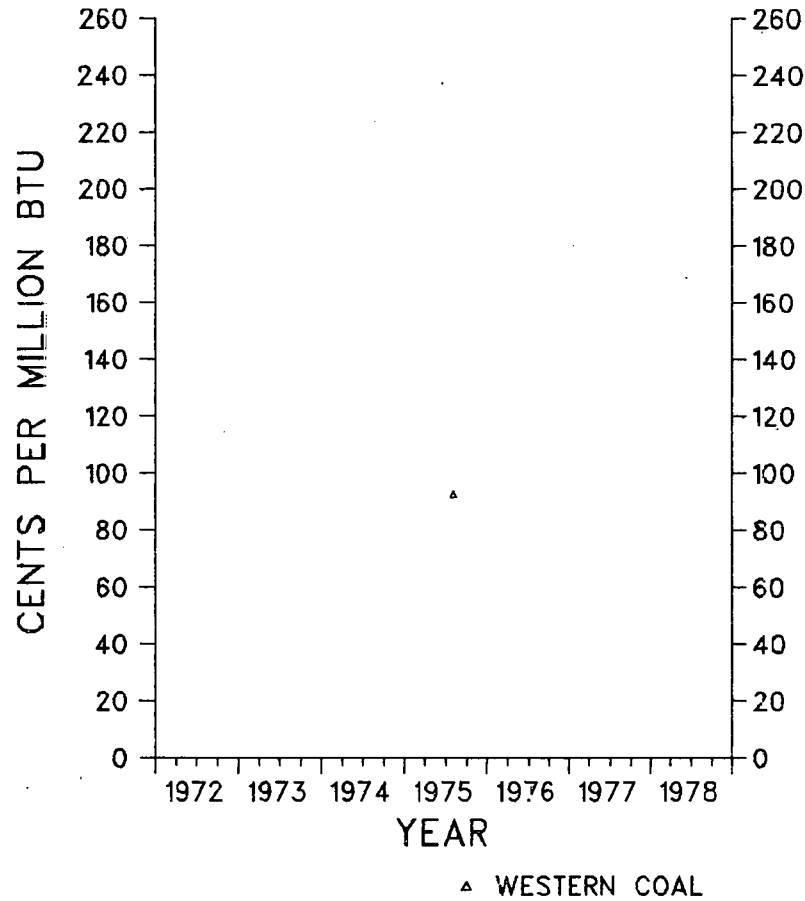


Figure 3.4.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN COLORADO
SPOT PURCHASE

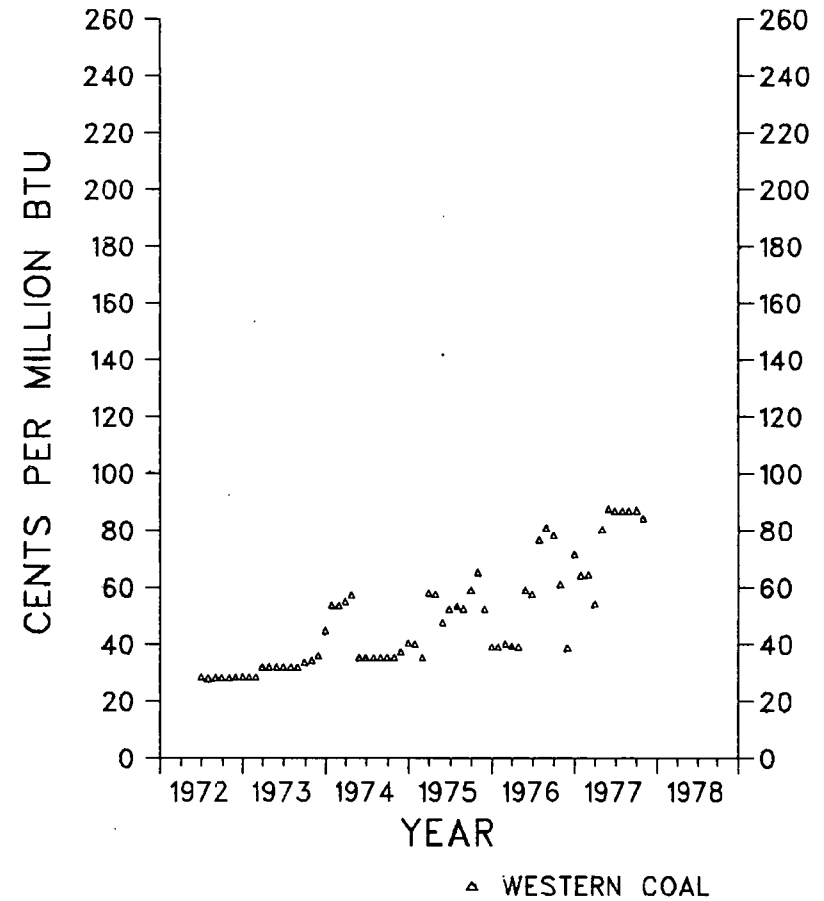


Figure 3.4.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN COLORADO

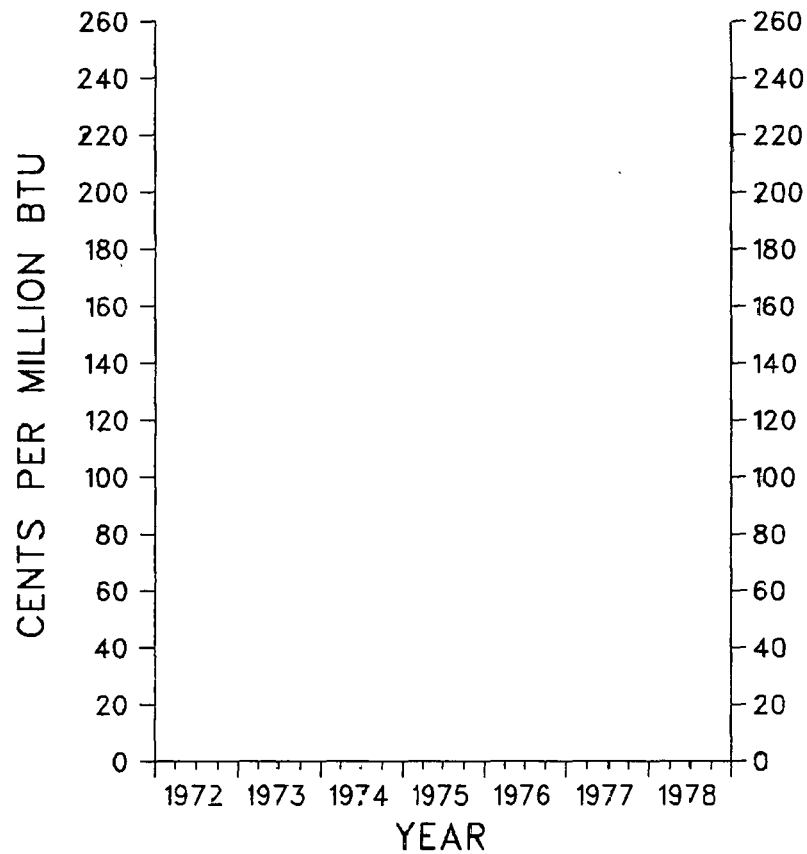


Figure 3.4.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN COLORADO

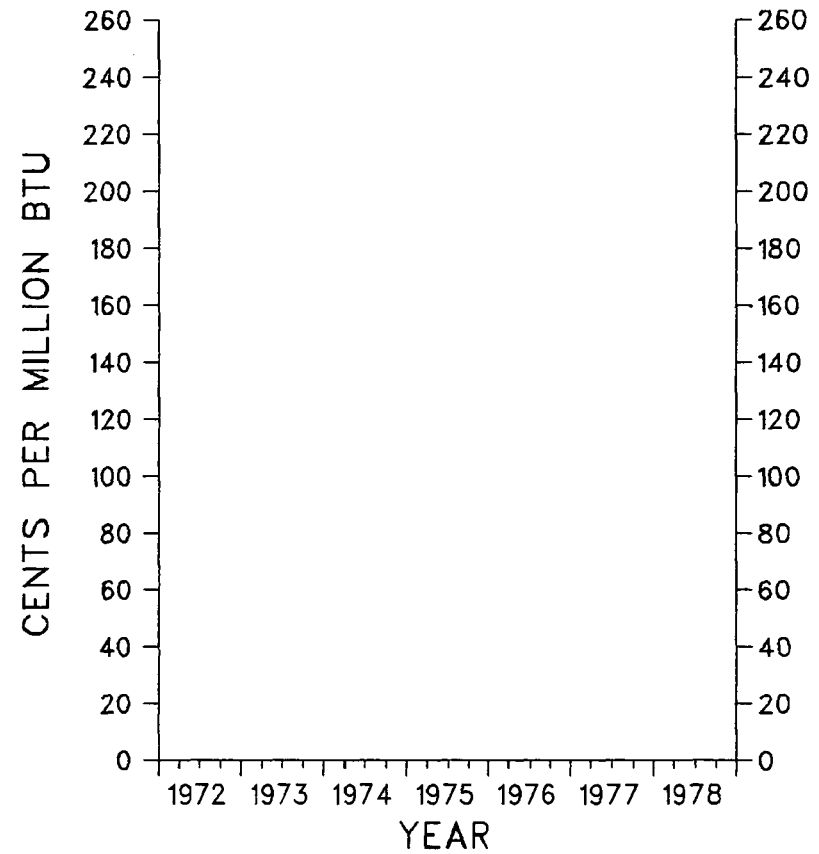


Figure 3.4.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN COLORADO

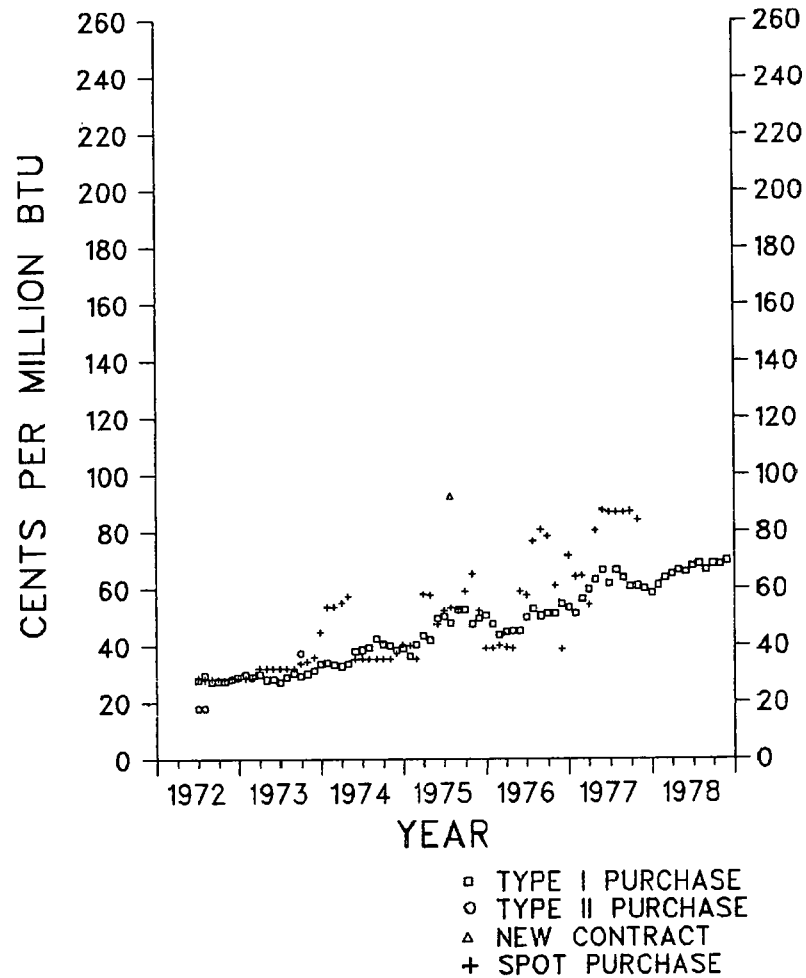


Figure 3.4.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES COLORADO

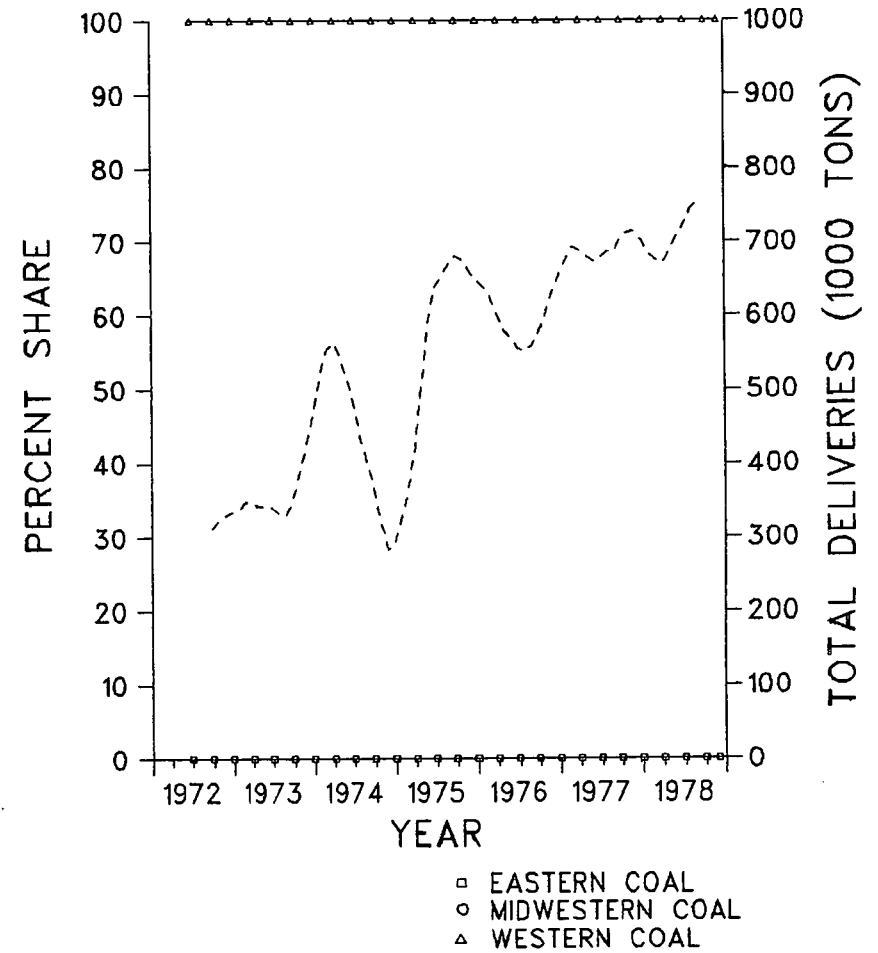


Figure 3.4.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN CONNECTICUT
TYPE I PURCHASE

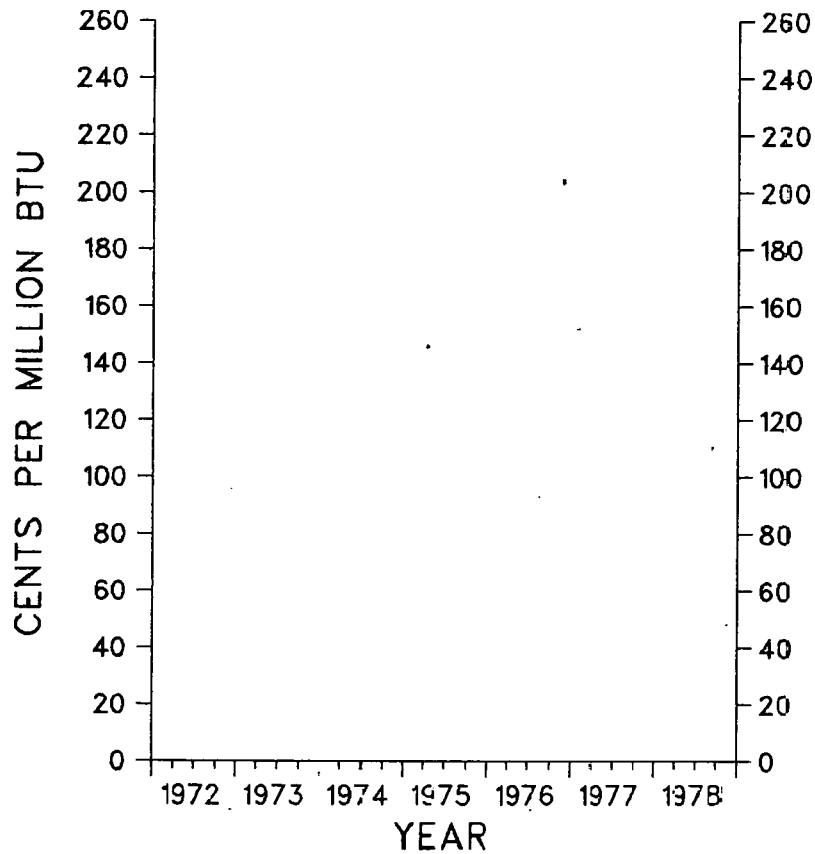


Figure 3.5.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN CONNECTICUT
TYPE II PURCHASE

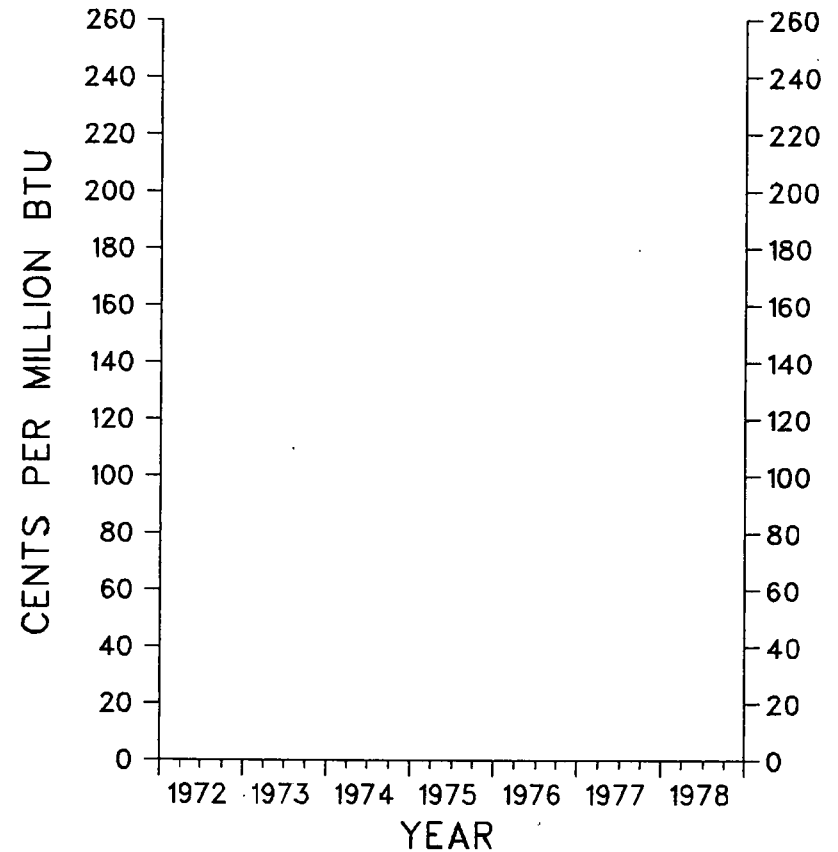


Figure 3.5.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN CONNECTICUT
NEW CONTRACT

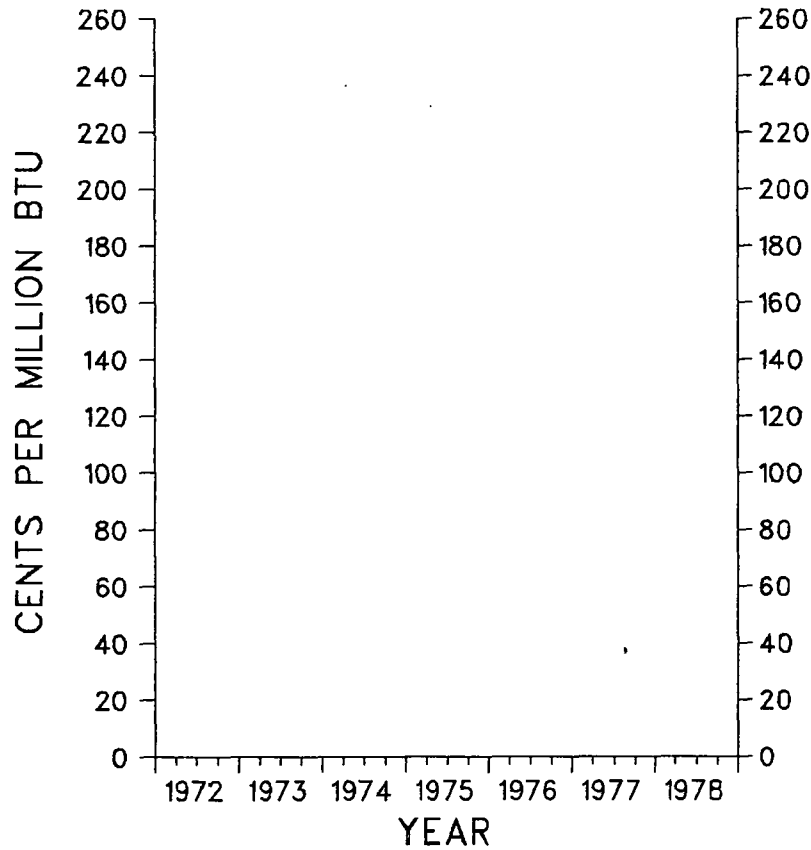


Figure 3.5.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN CONNECTICUT
SPOT PURCHASE

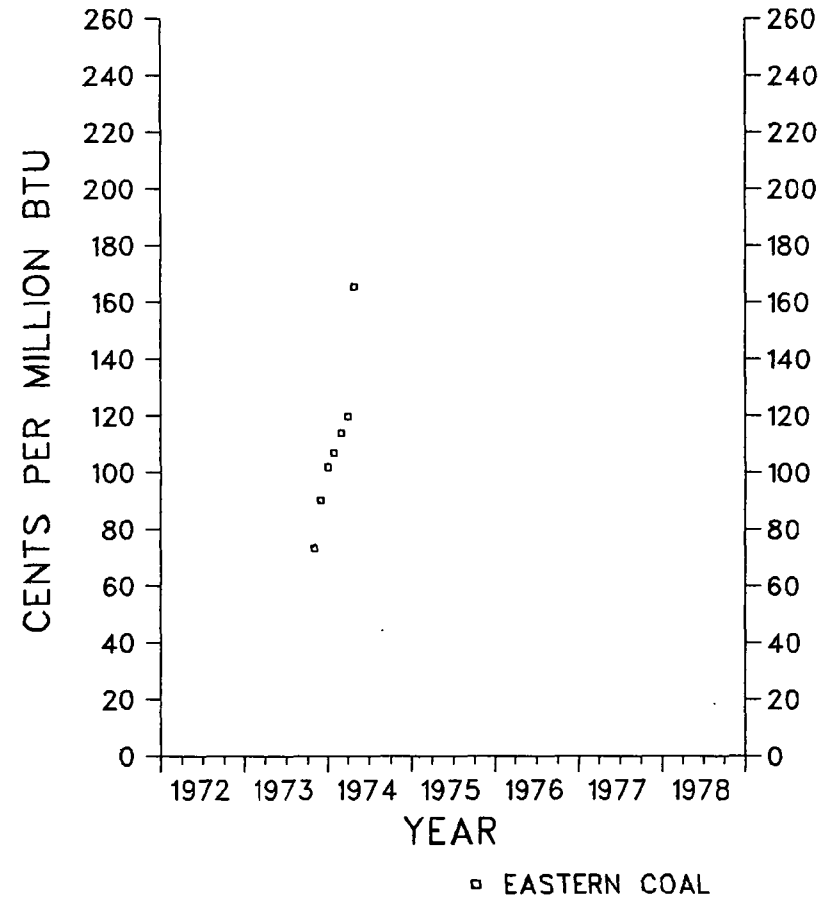


Figure 3.5.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN CONNECTICUT

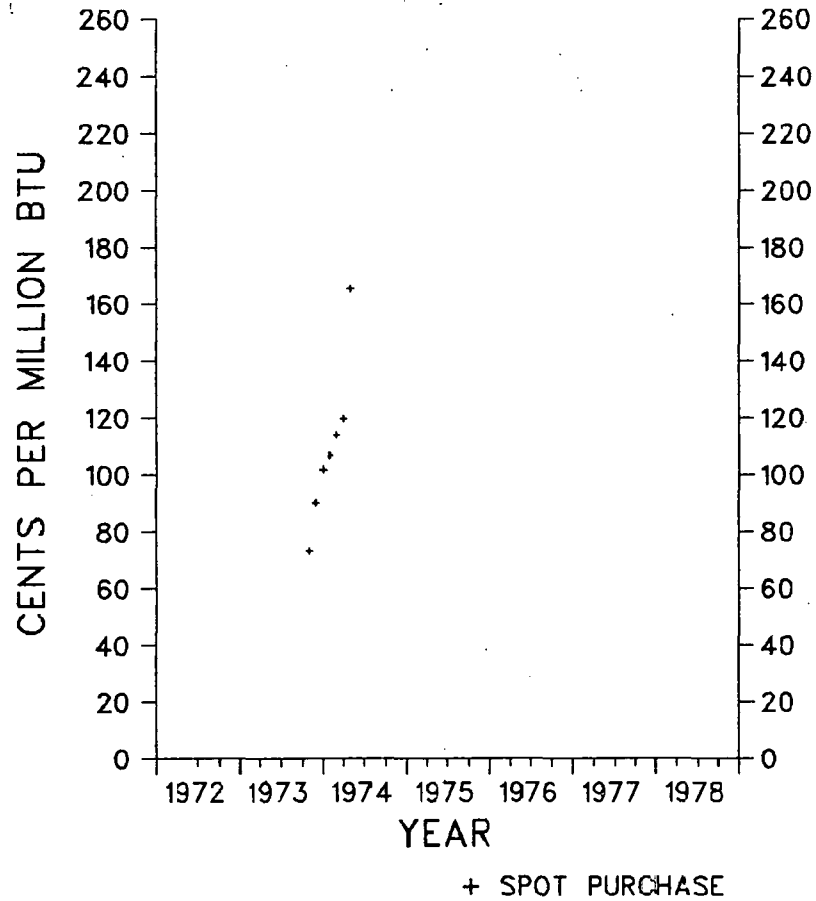


Figure 3.5.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN CONNECTICUT

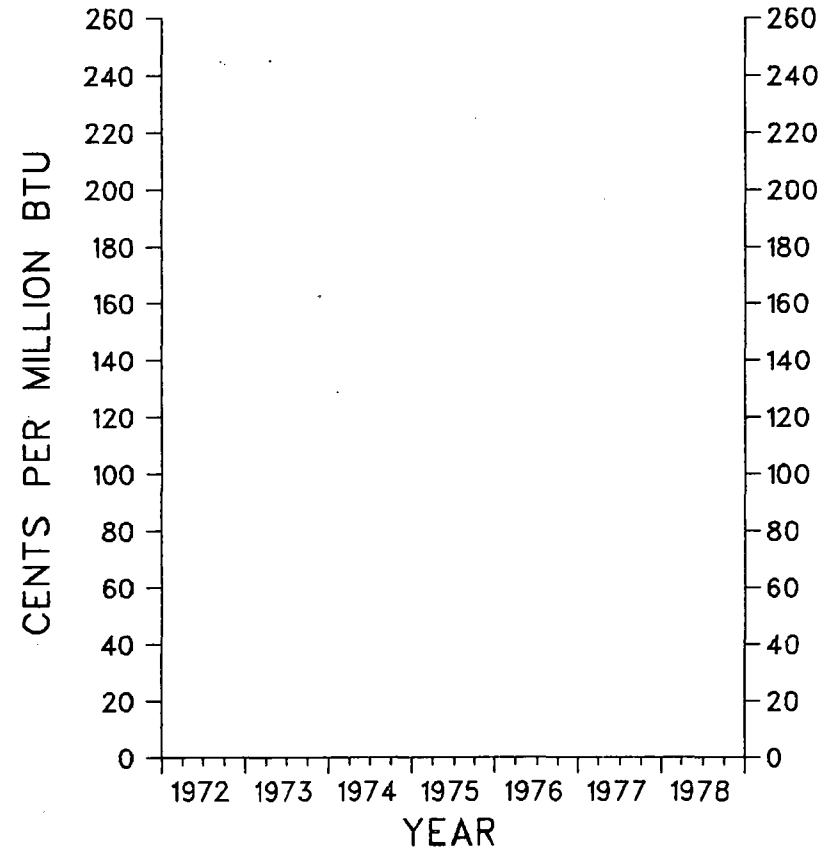


Figure 3.5.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN CONNECTICUT

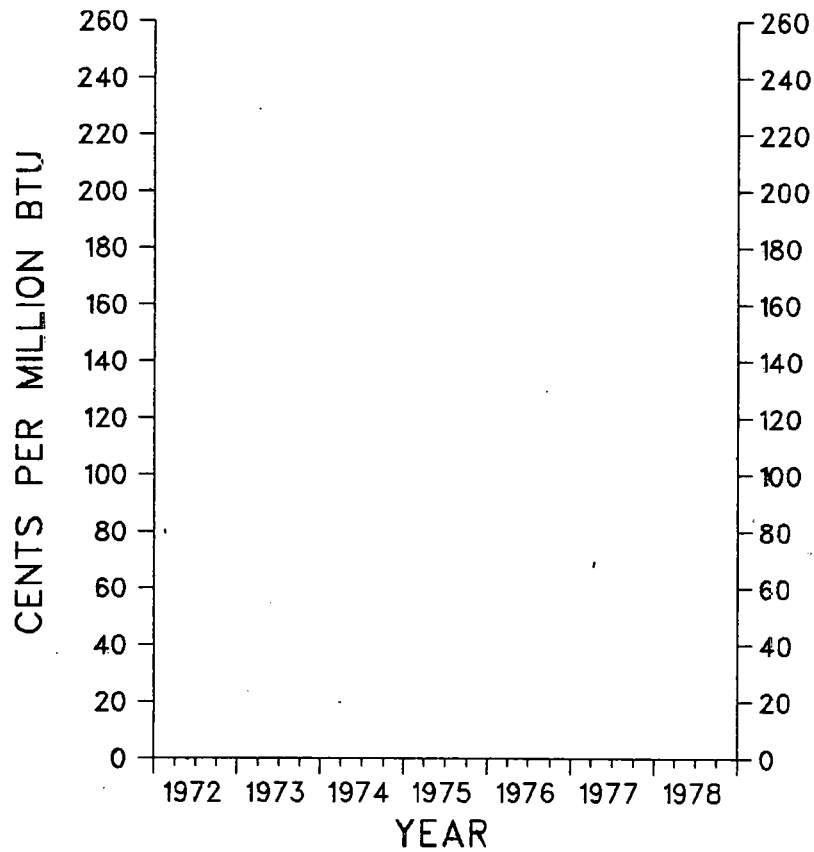


Figure 3.5.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES CONNECTICUT

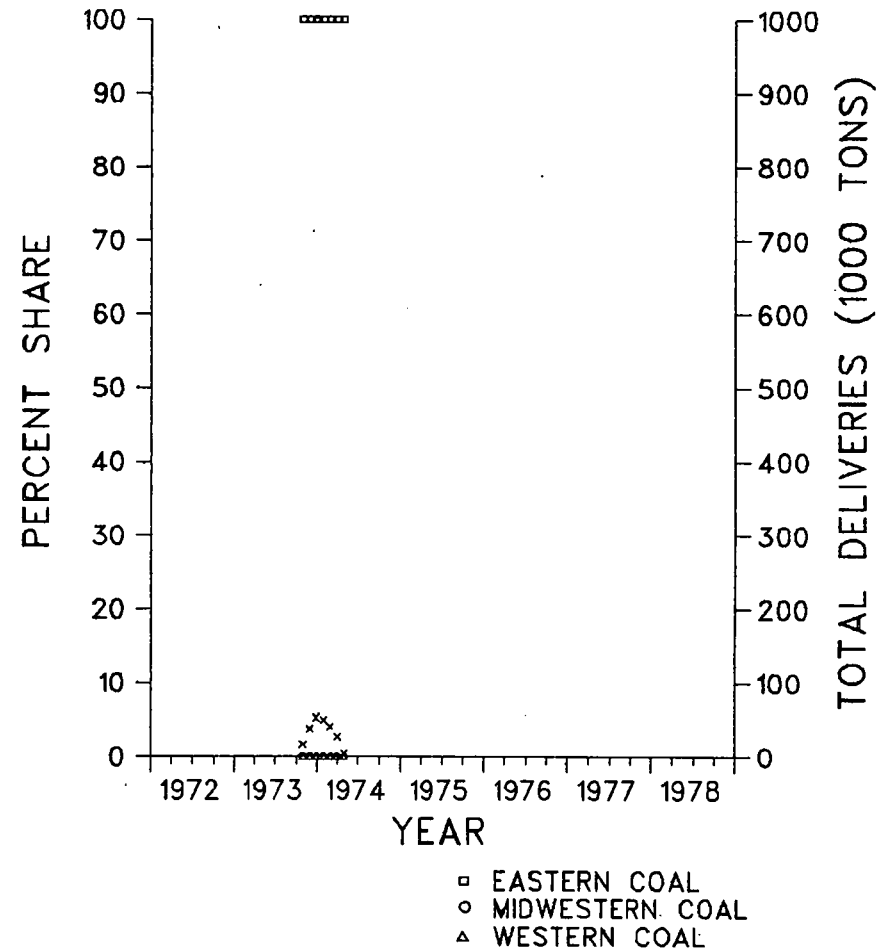


Figure 3.5.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN DELAWARE
TYPE I PURCHASE

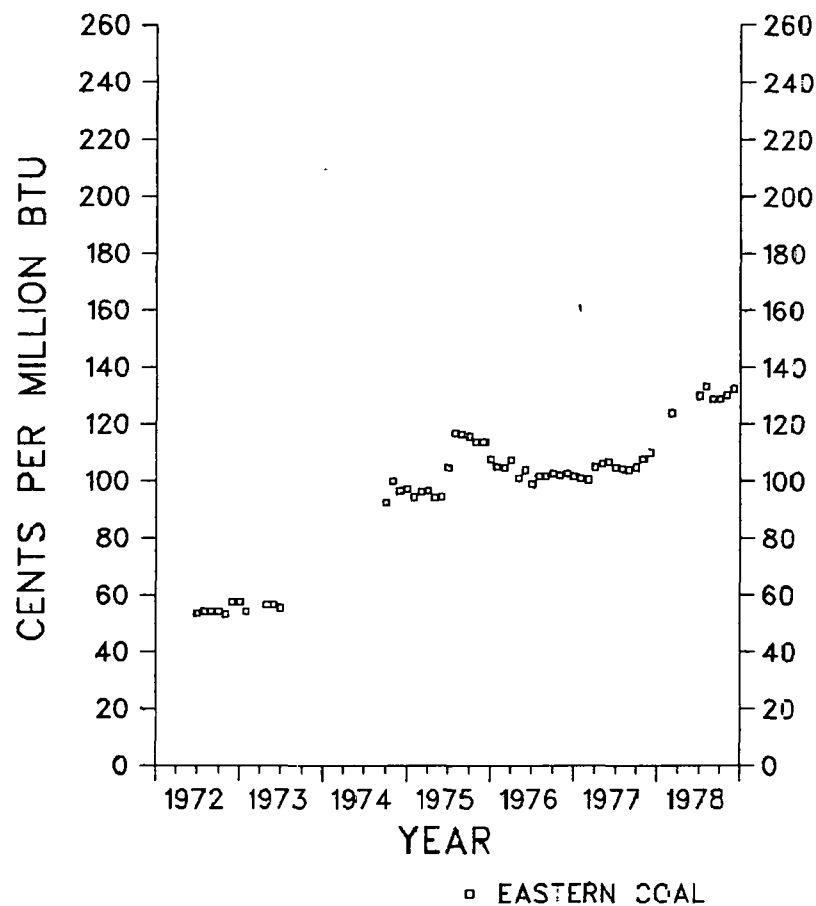


Figure 3.6.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN DELAWARE
TYPE II PURCHASE

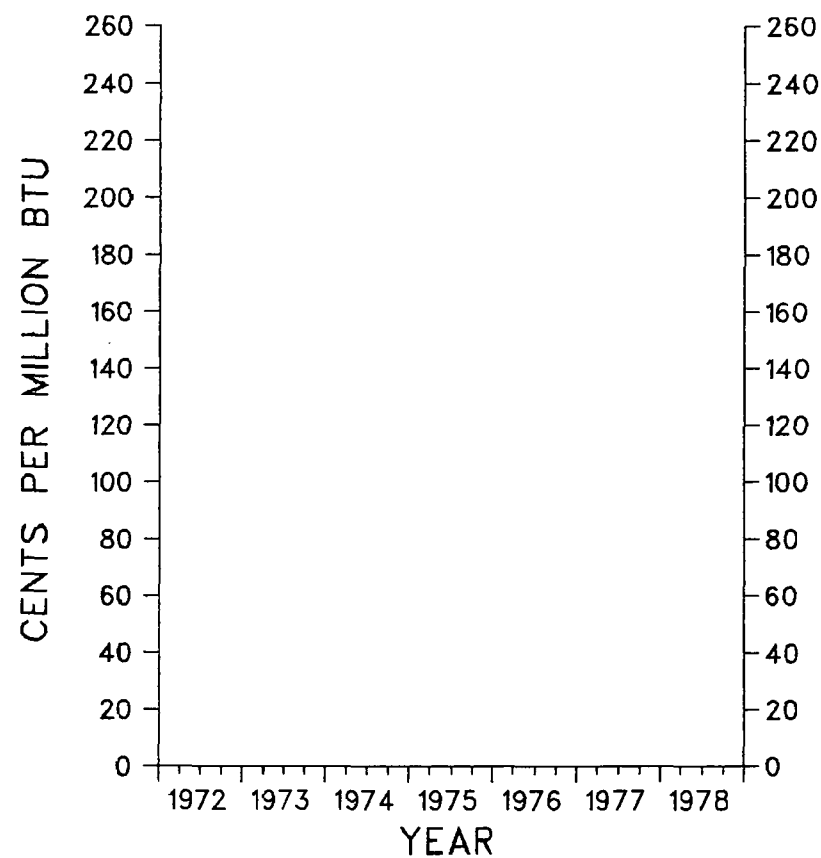


Figure 3.6.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN DELAWARE
NEW CONTRACT

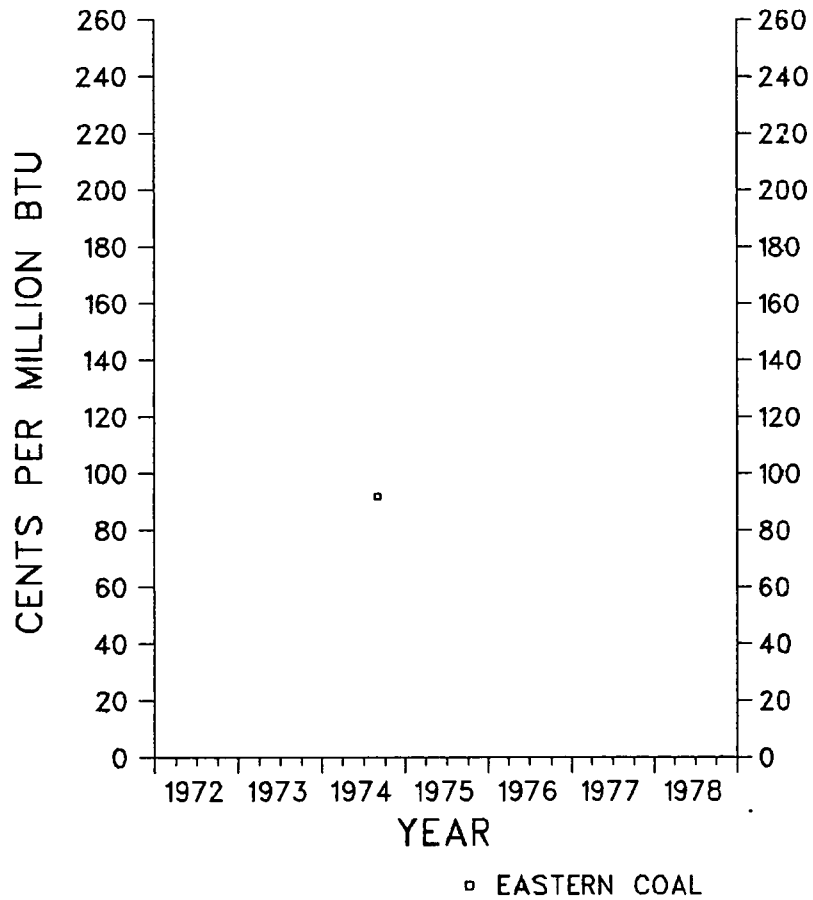


Figure 3.6.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN DELAWARE
SPOT PURCHASE

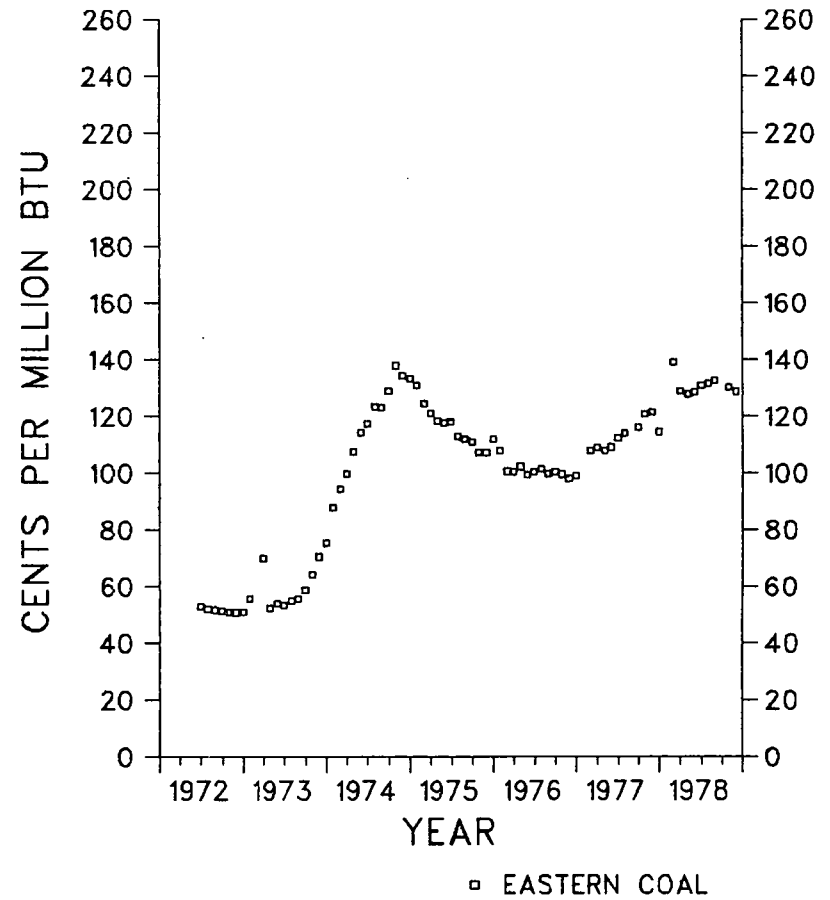


Figure 3.6.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN DELAWARE

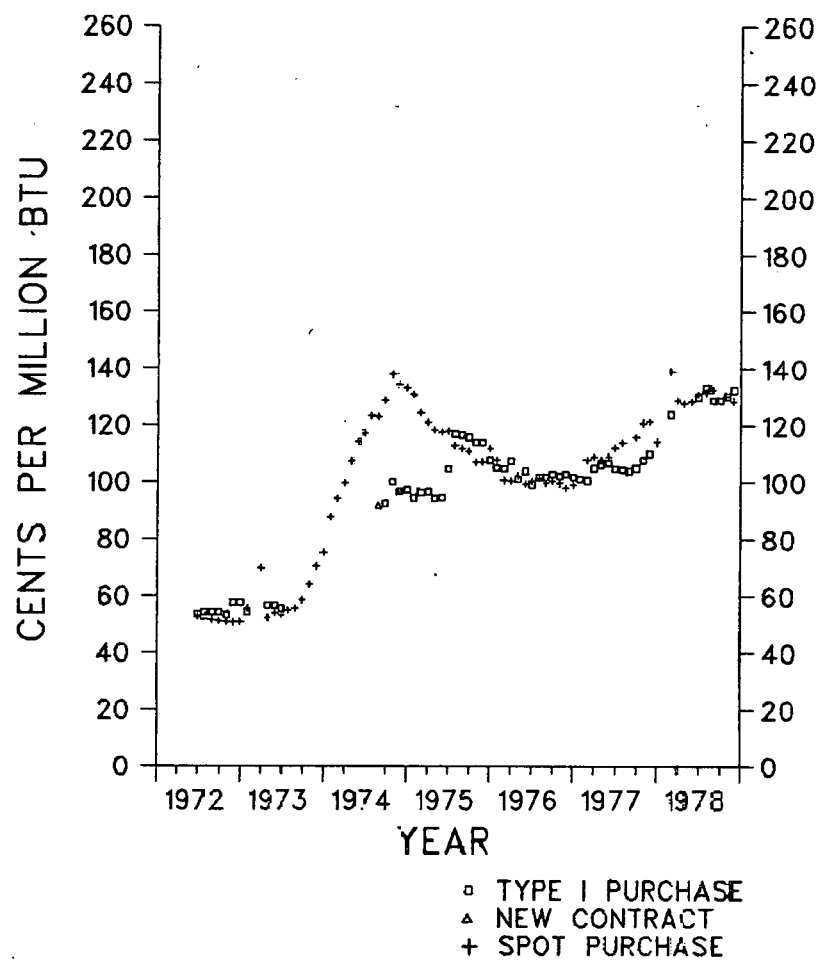


Figure 3.6.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN DELAWARE

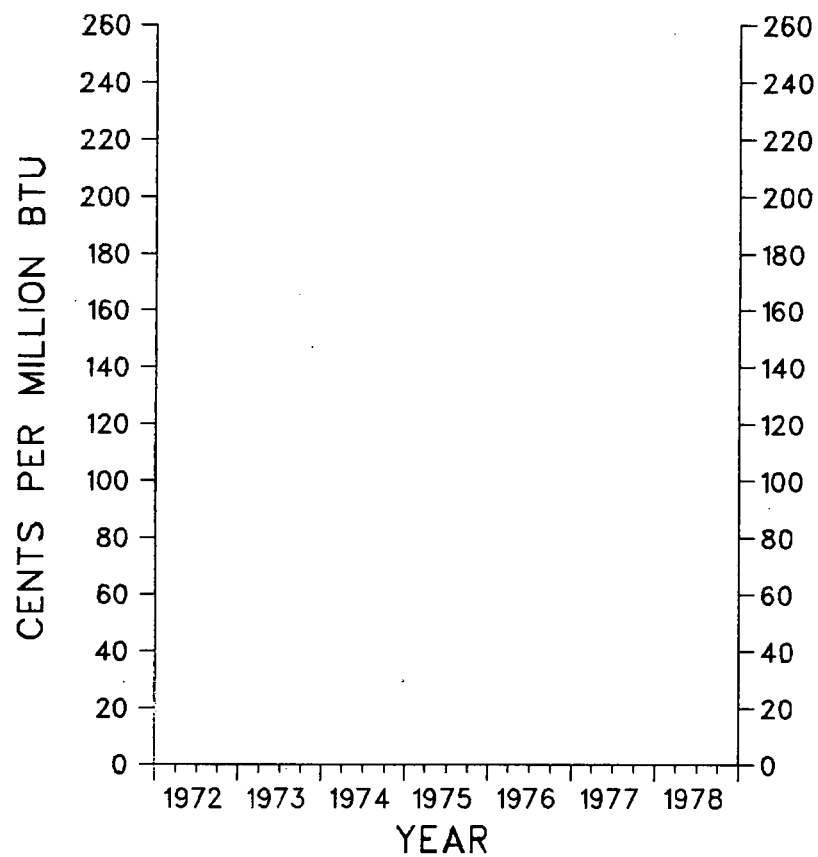


Figure 3.6.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN DELAWARE

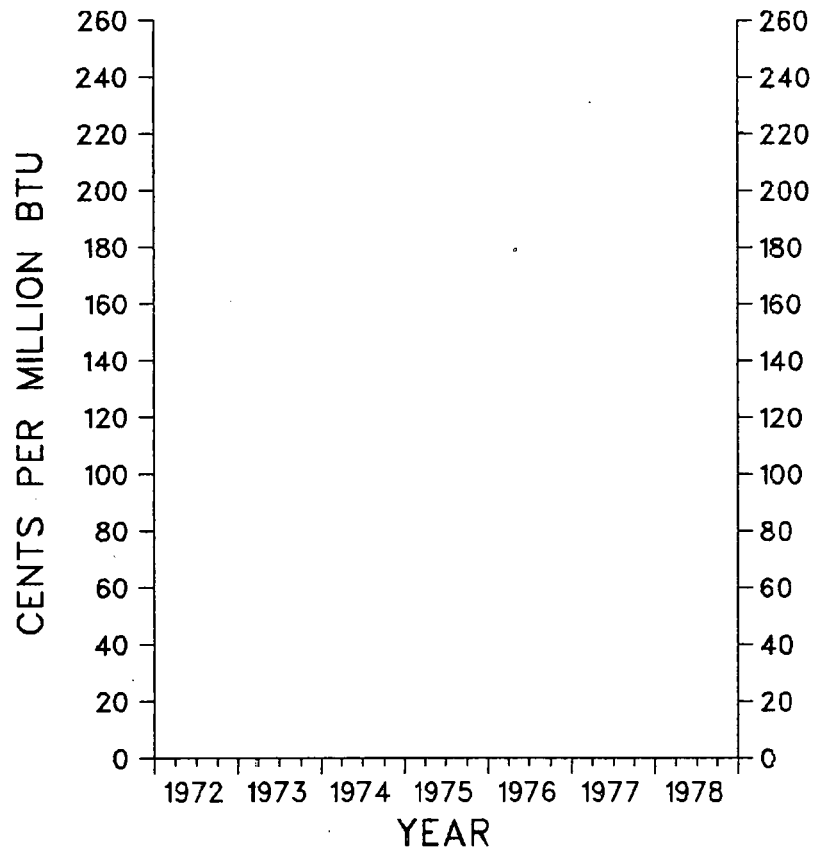


Figure 3.6.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES DELAWARE

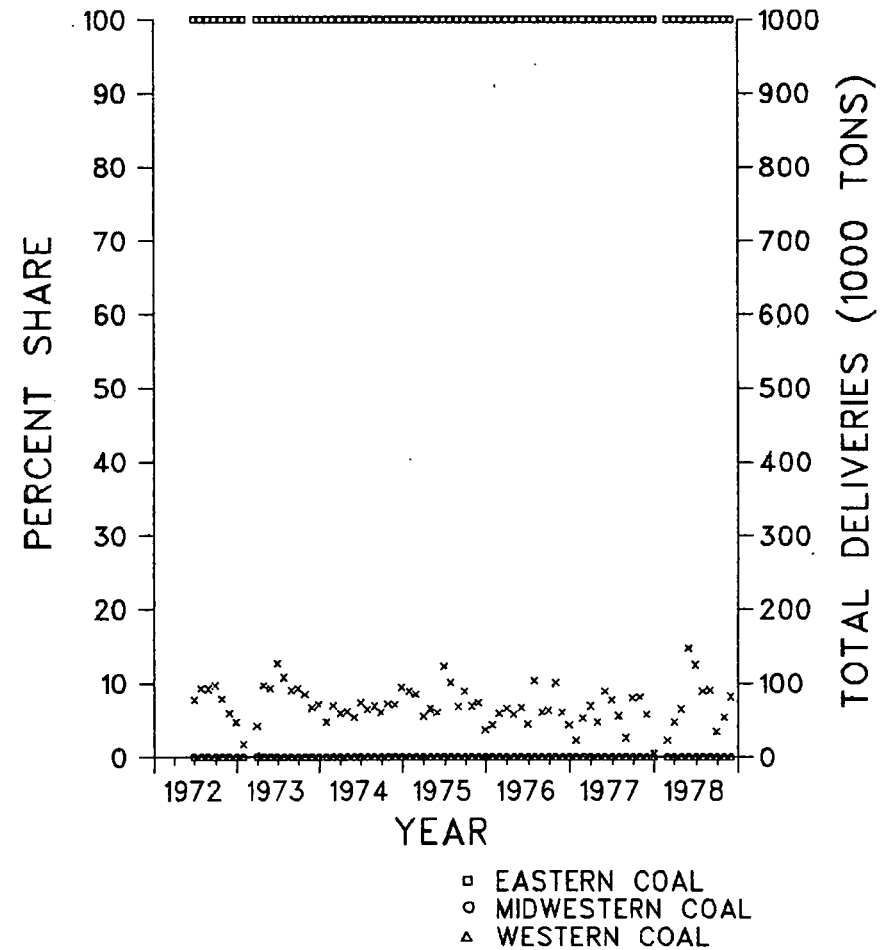


Figure 3.6.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WASHINGTON DC
TYPE I PURCHASE

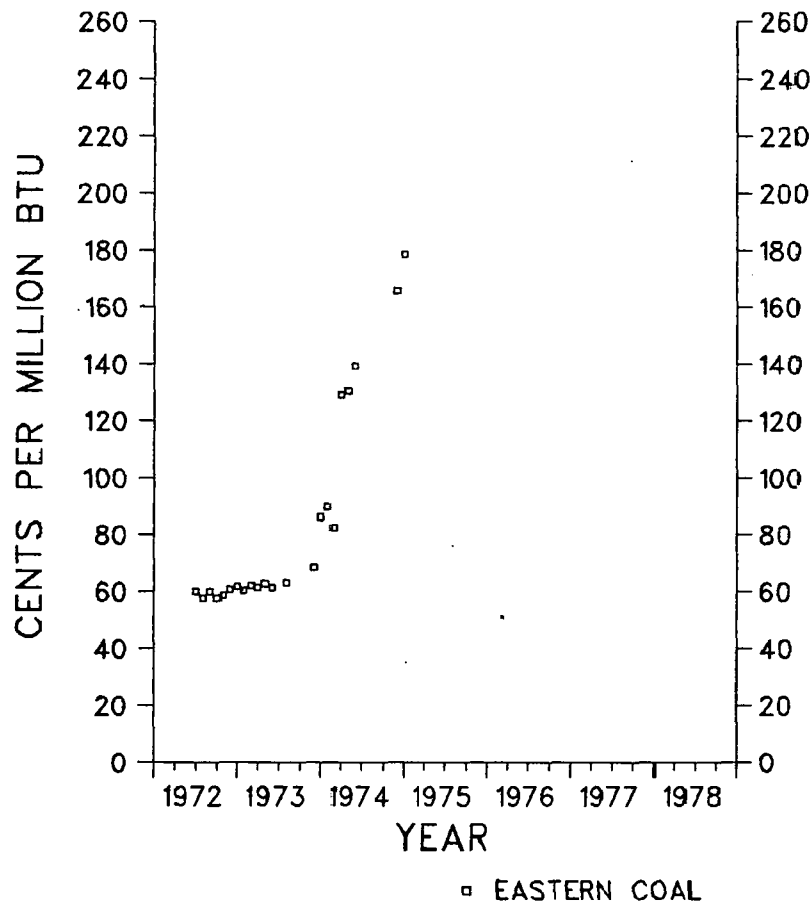


Figure 3.7.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WASHINGTON DC
TYPE II PURCHASE

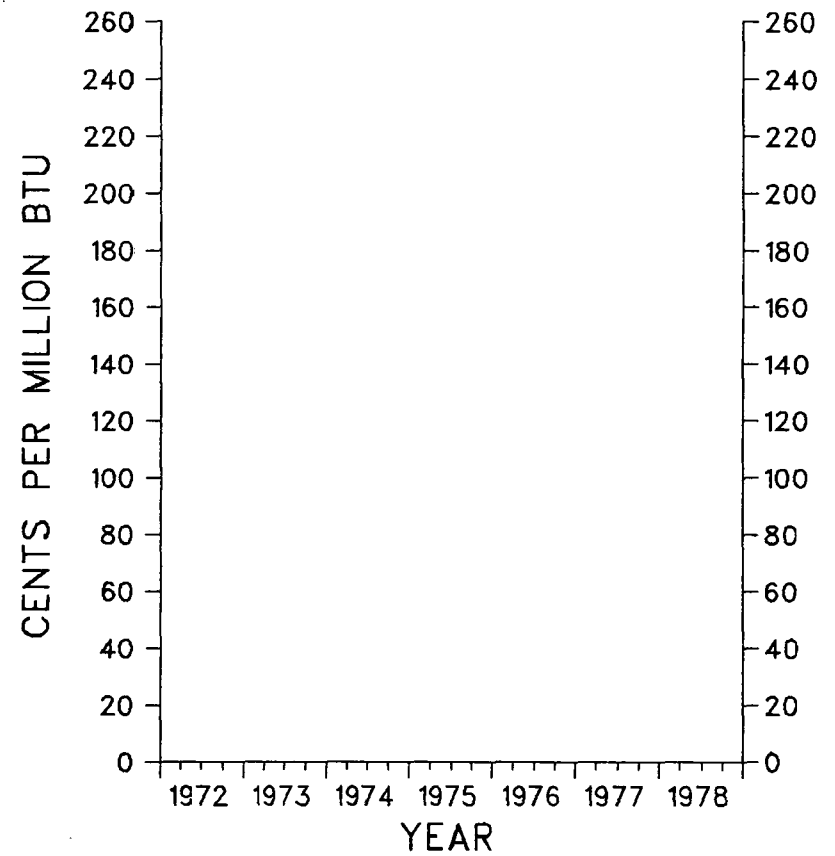


Figure 3.7.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WASHINGTON DC
NEW CONTRACT

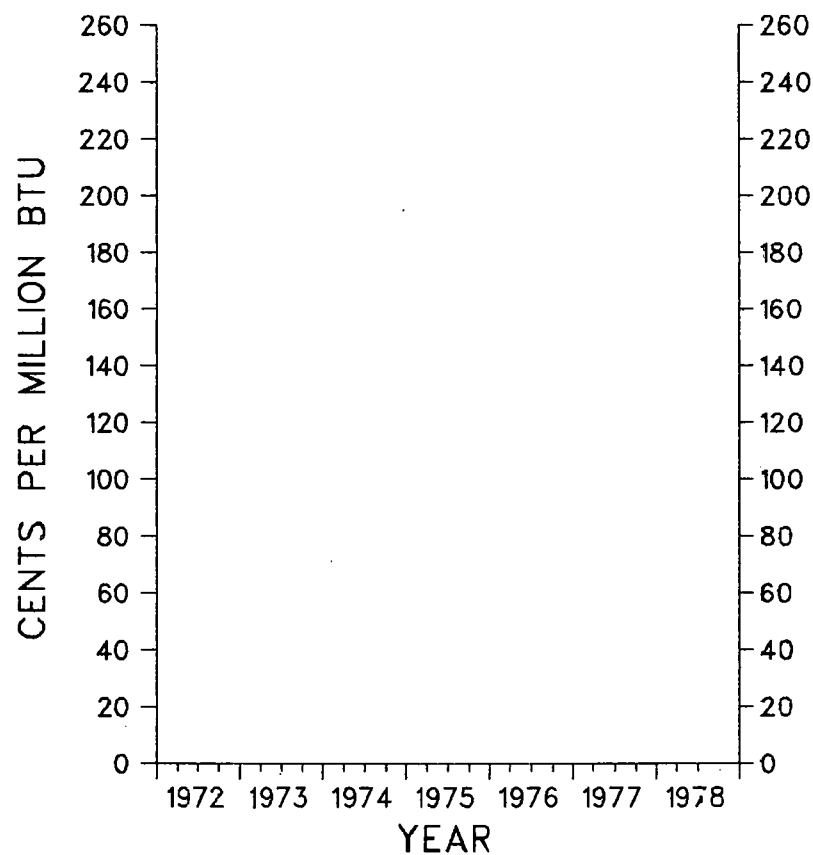


Figure 3.7.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WASHINGTON DC
SPOT PURCHASE

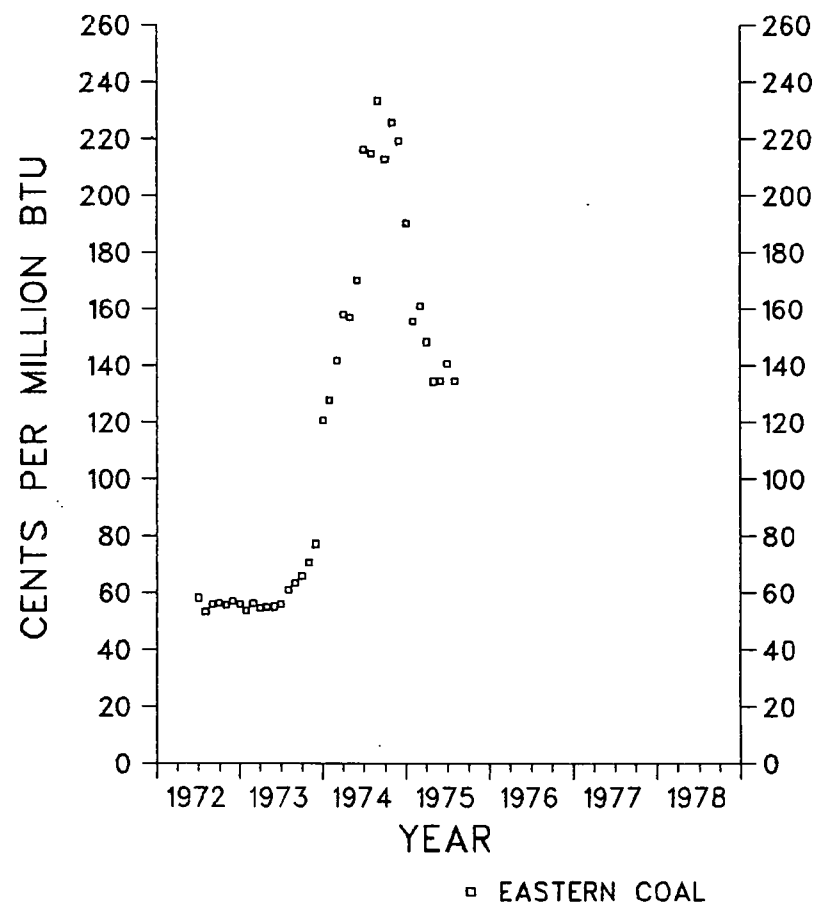


Figure 3.7.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN WASHINGTON DC

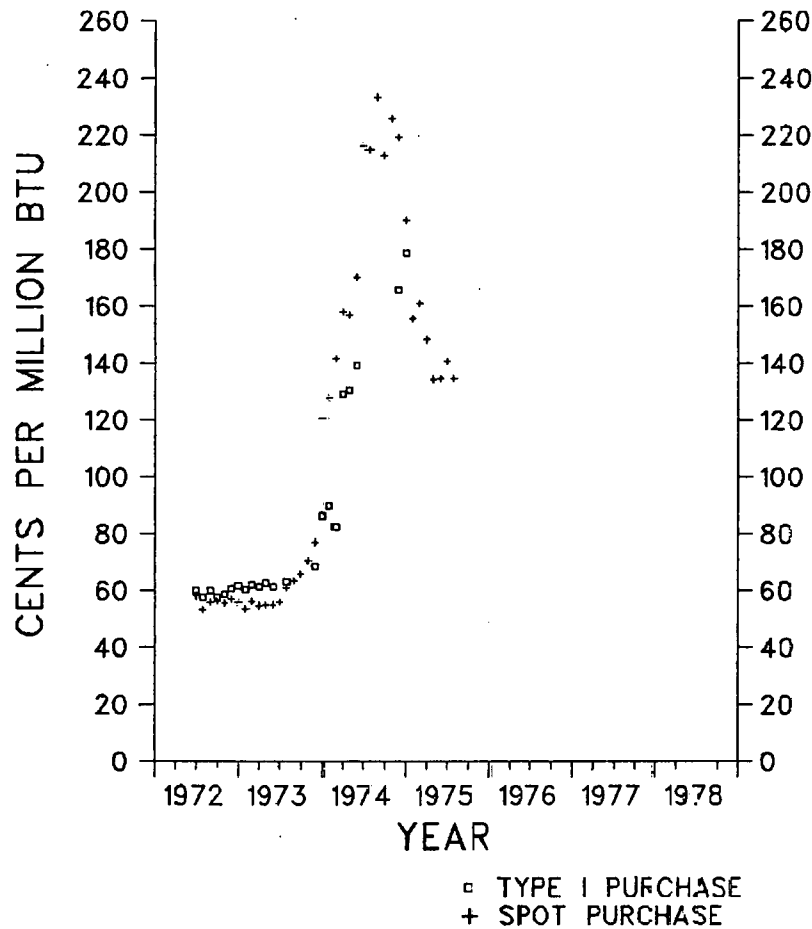


Figure 3.7.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN WASHINGTON DC

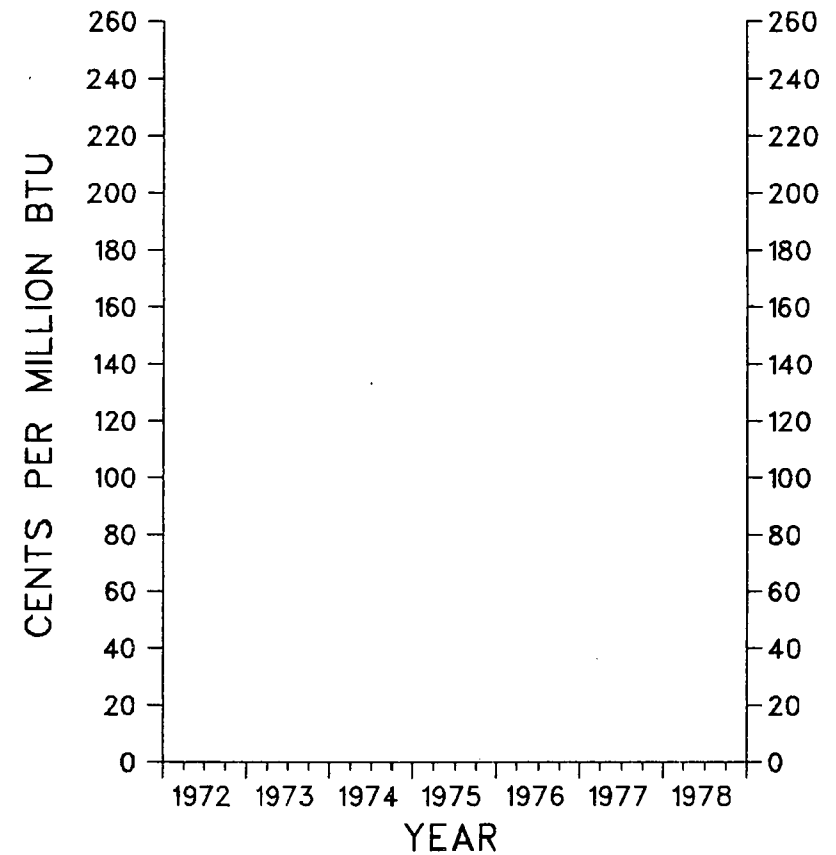


Figure 3.7.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN WASHINGTON DC

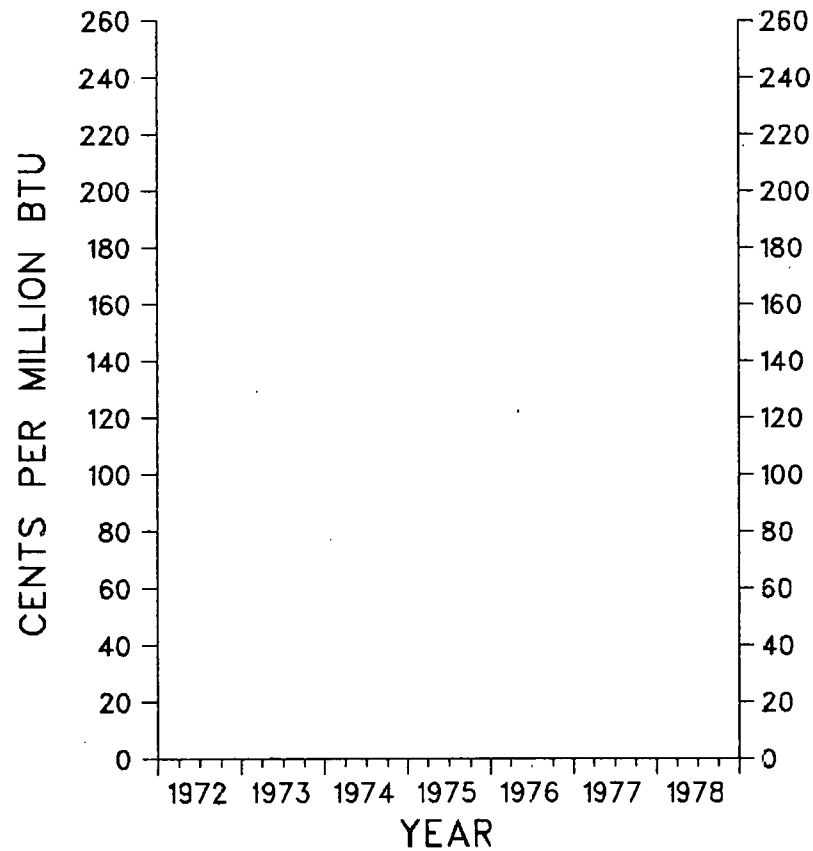


Figure 3.7.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES WASHINGTON DC

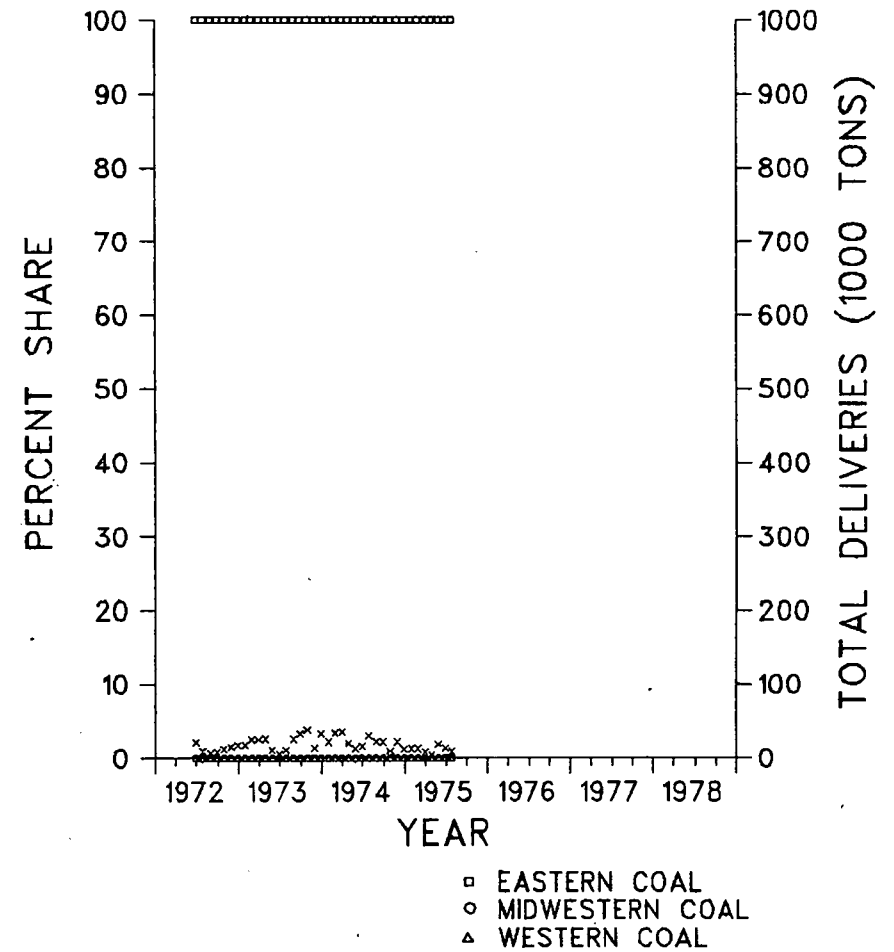


Figure 3.7.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN FLORIDA
TYPE I PURCHASE

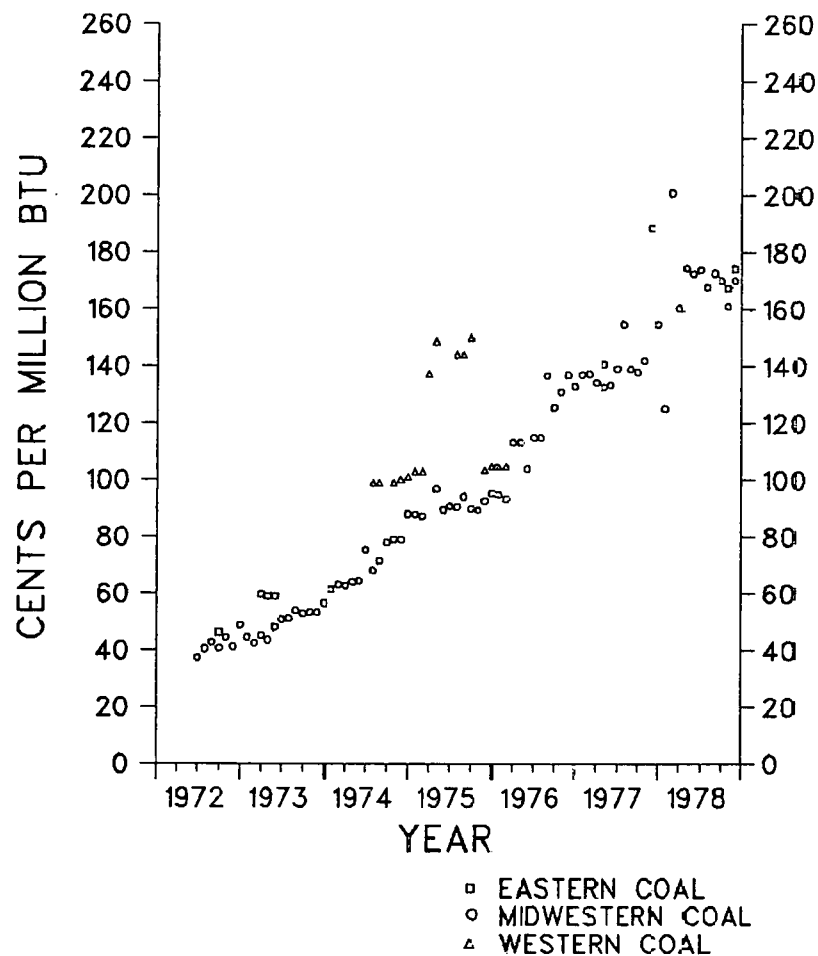


Figure 3.8.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN FLORIDA
TYPE II PURCHASE

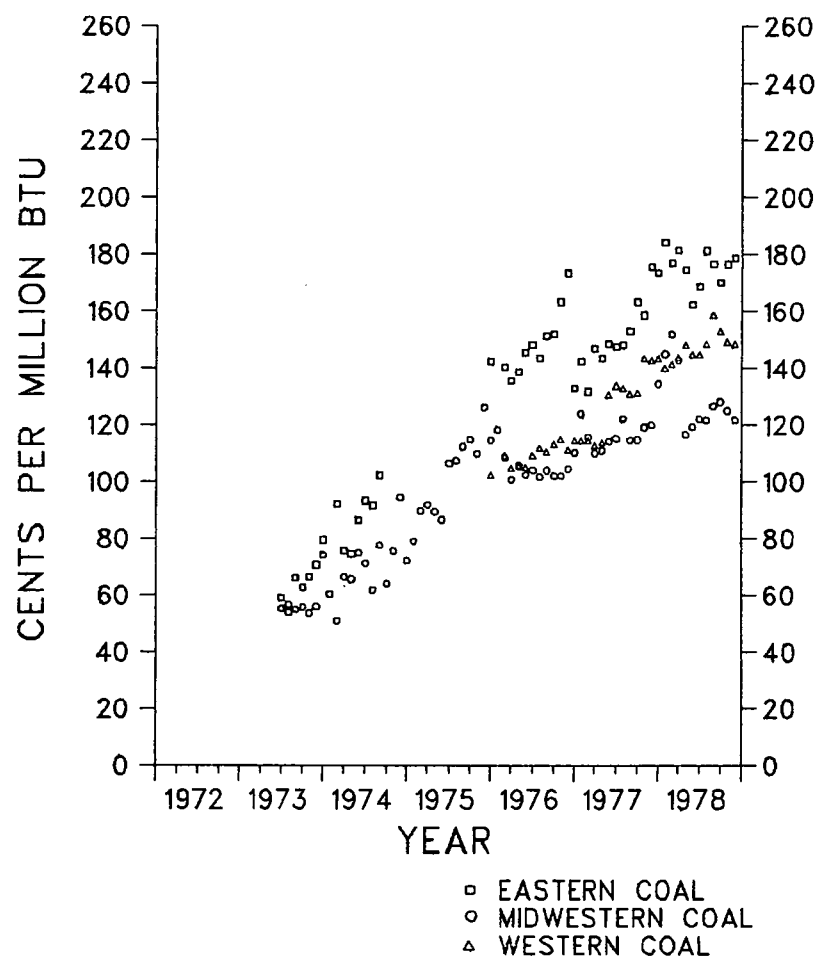


Figure 3.8.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN FLORIDA
NEW CONTRACT

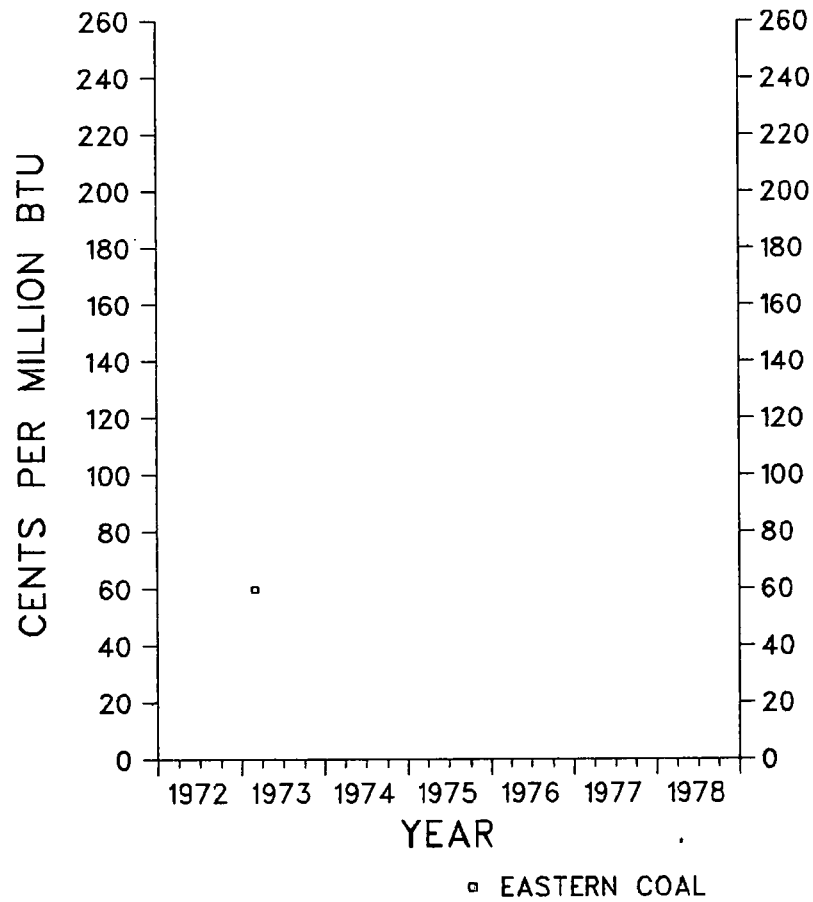


Figure 3.8.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN FLORIDA
SPOT PURCHASE

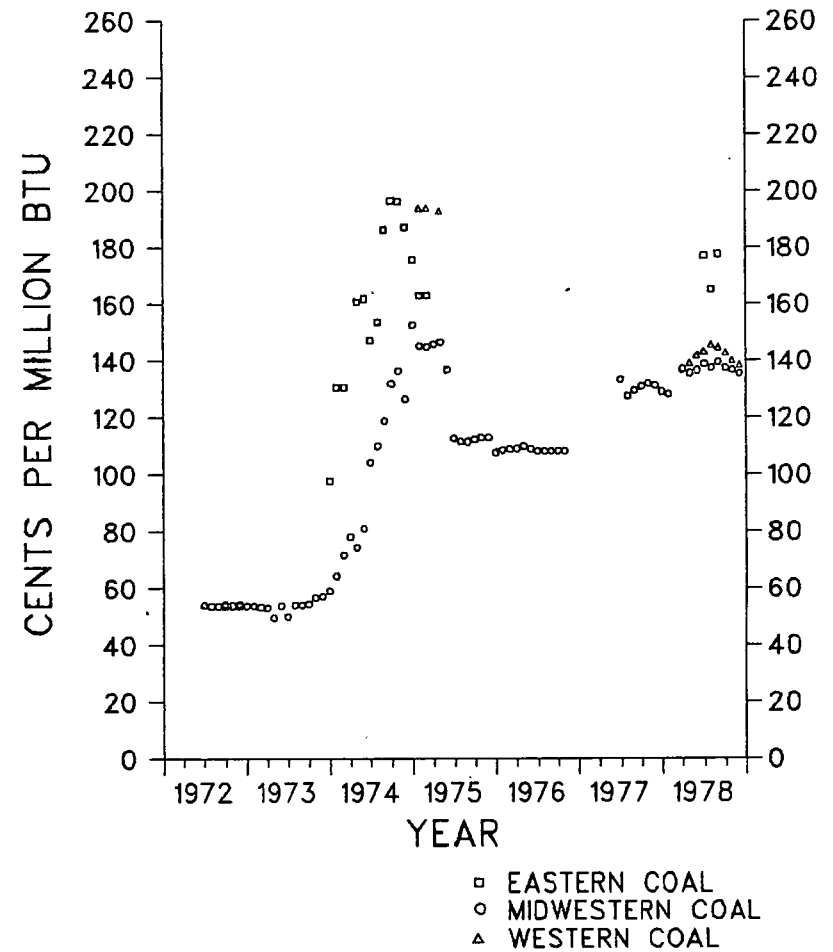


Figure 3.8.4

PRICES OF EASTERN COAL BY TYPE OF PURCHASE IN FLORIDA

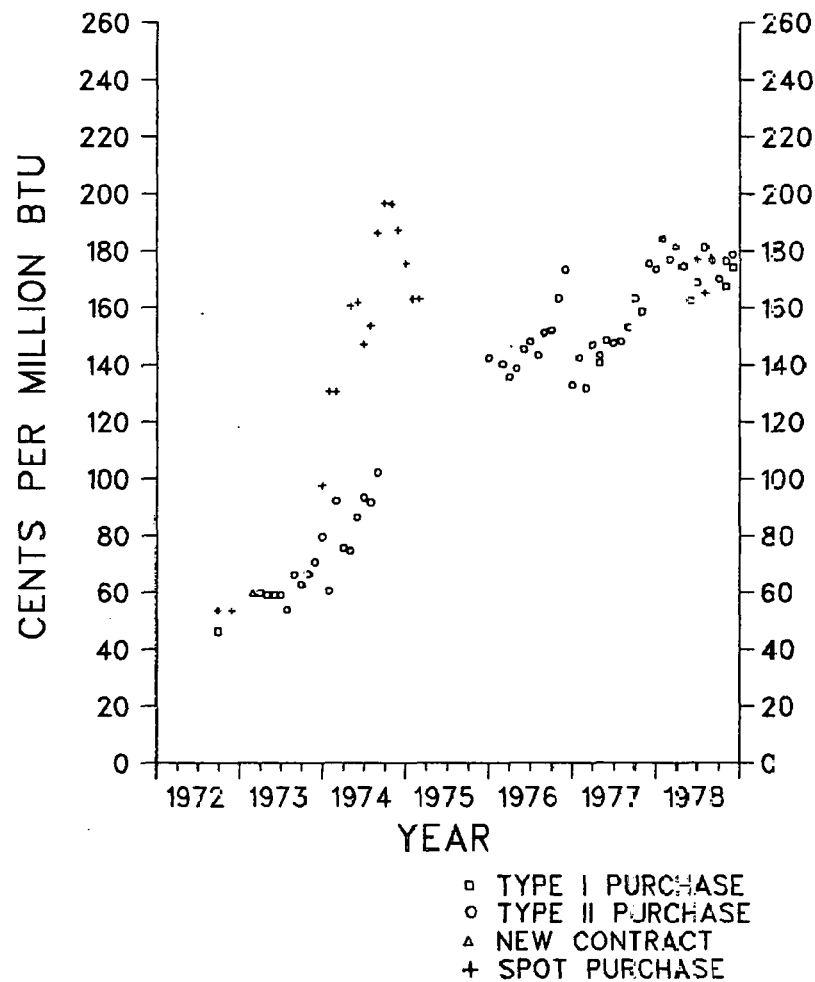


Figure 3.8.5

PRICES OF MIDWESTERN COAL BY TYPE OF PURCHASE IN FLORIDA

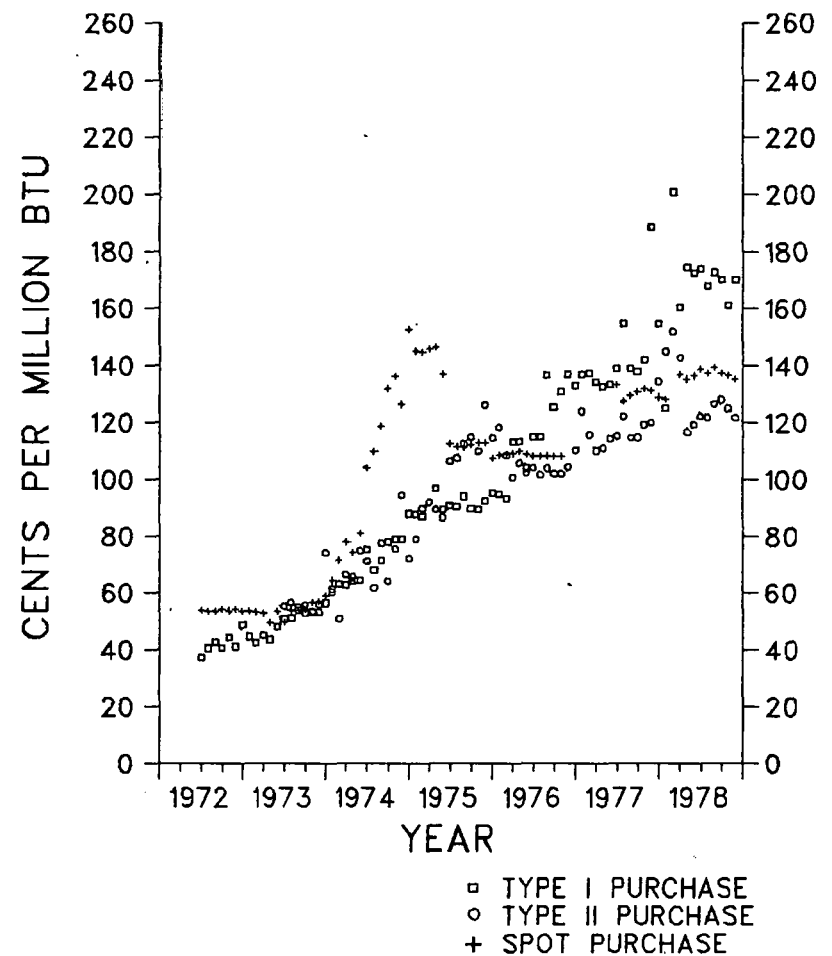


Figure 3.8.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN FLORIDA

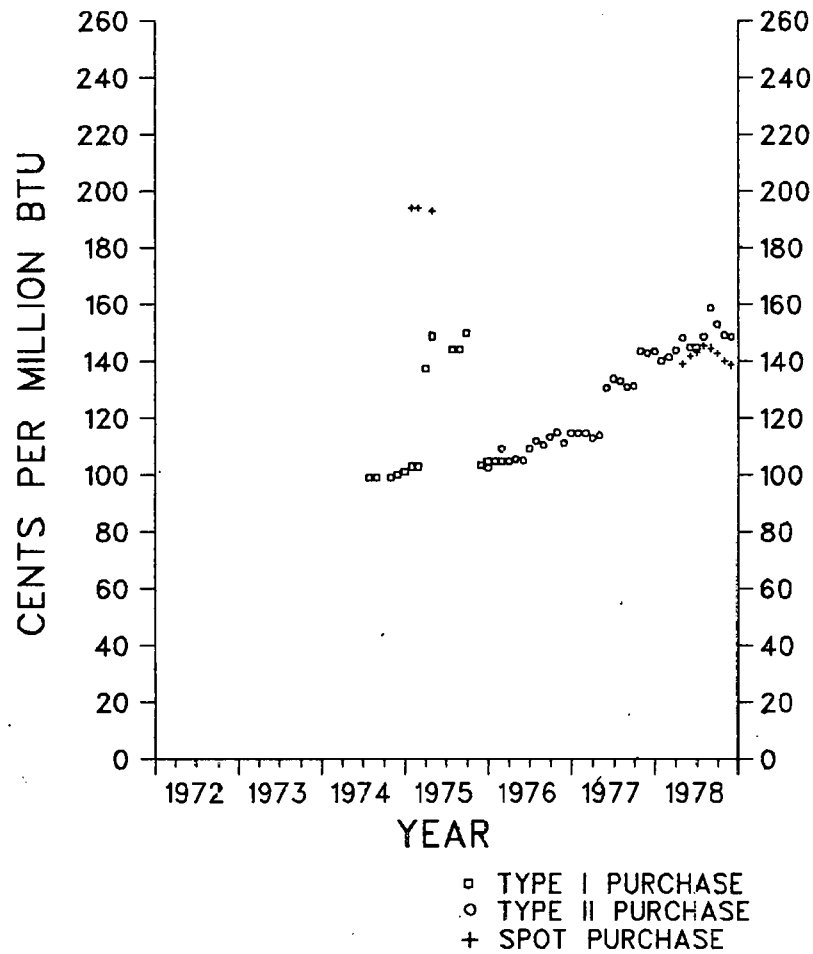


Figure 3.8.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES FLORIDA

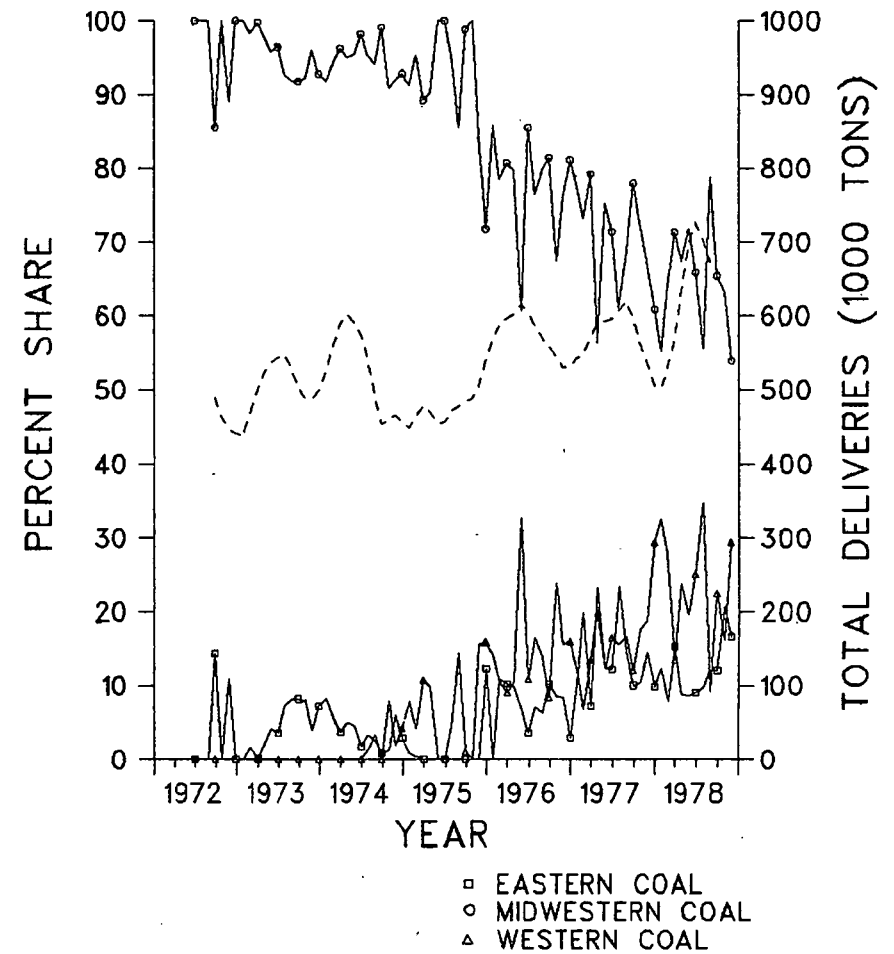


Figure 3.8.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN GEORGIA
TYPE I PURCHASE

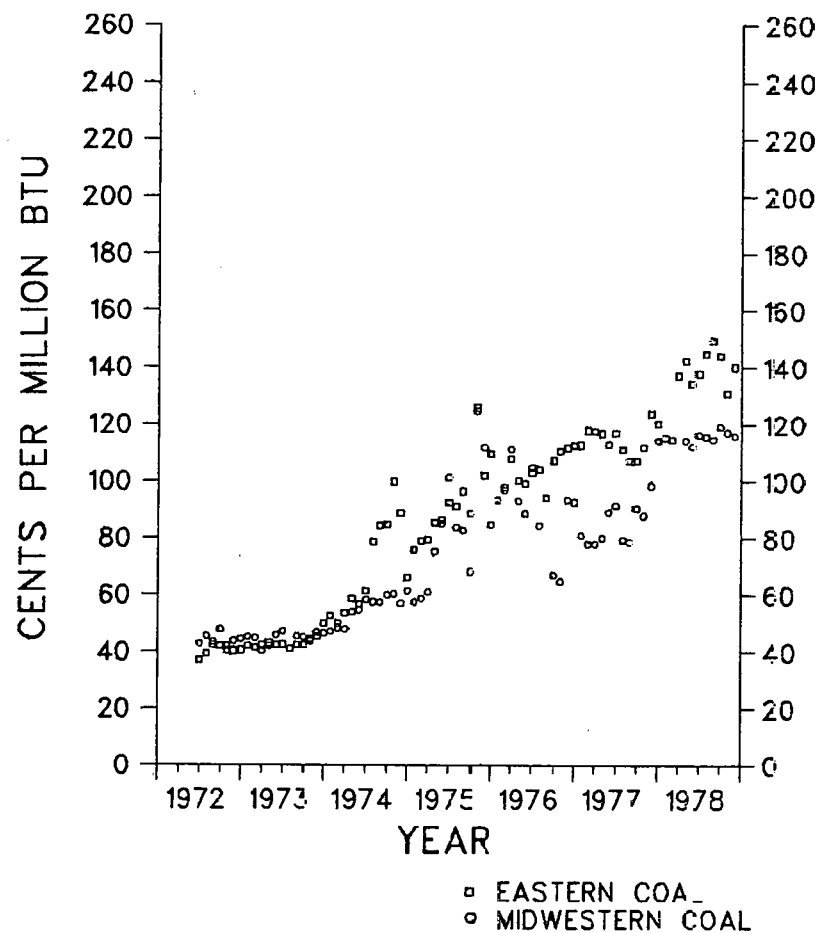


Figure 3.9.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN GEORGIA
TYPE II PURCHASE

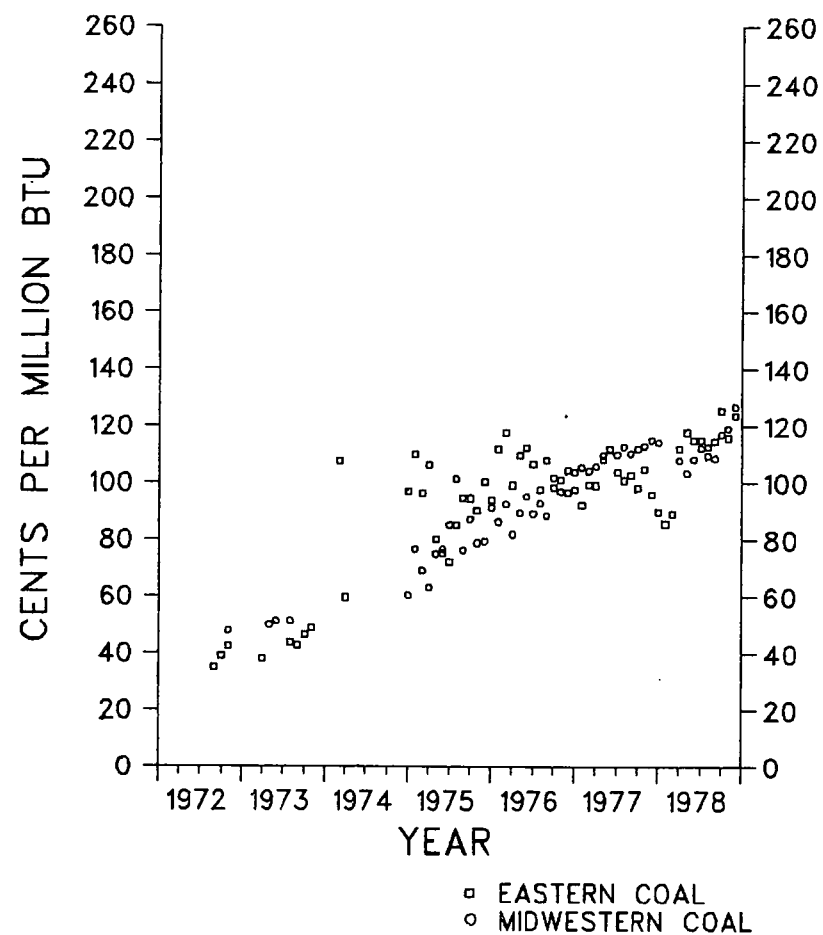


Figure 3.9.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN GEORGIA
NEW CONTRACT

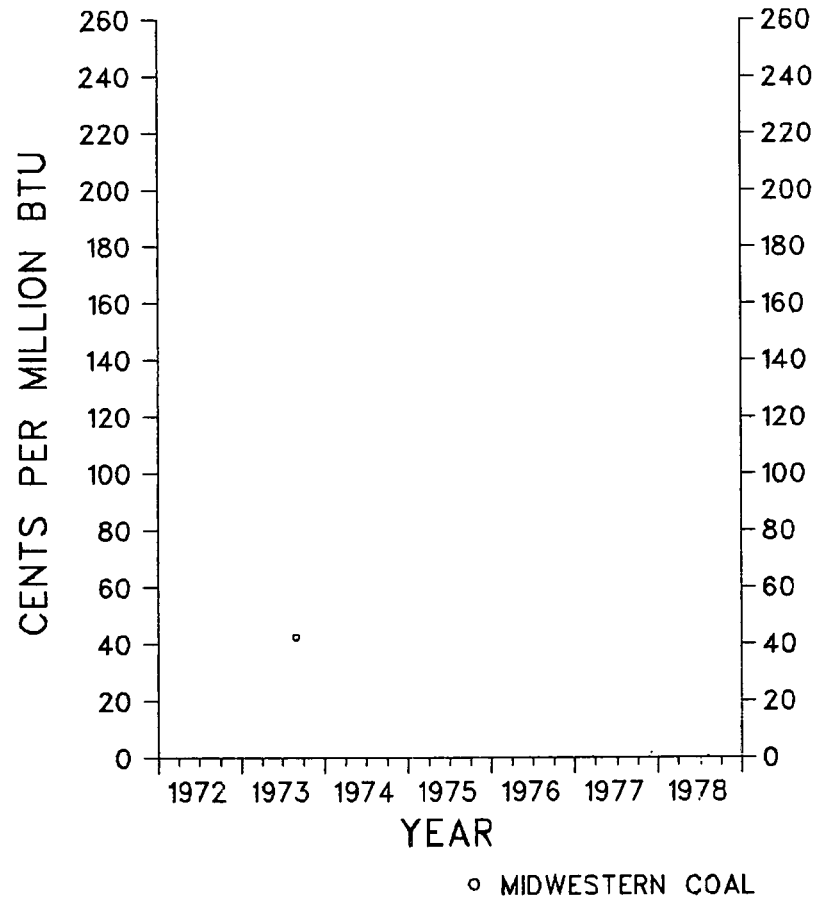


Figure 3.9.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN GEORGIA
SPOT PURCHASE

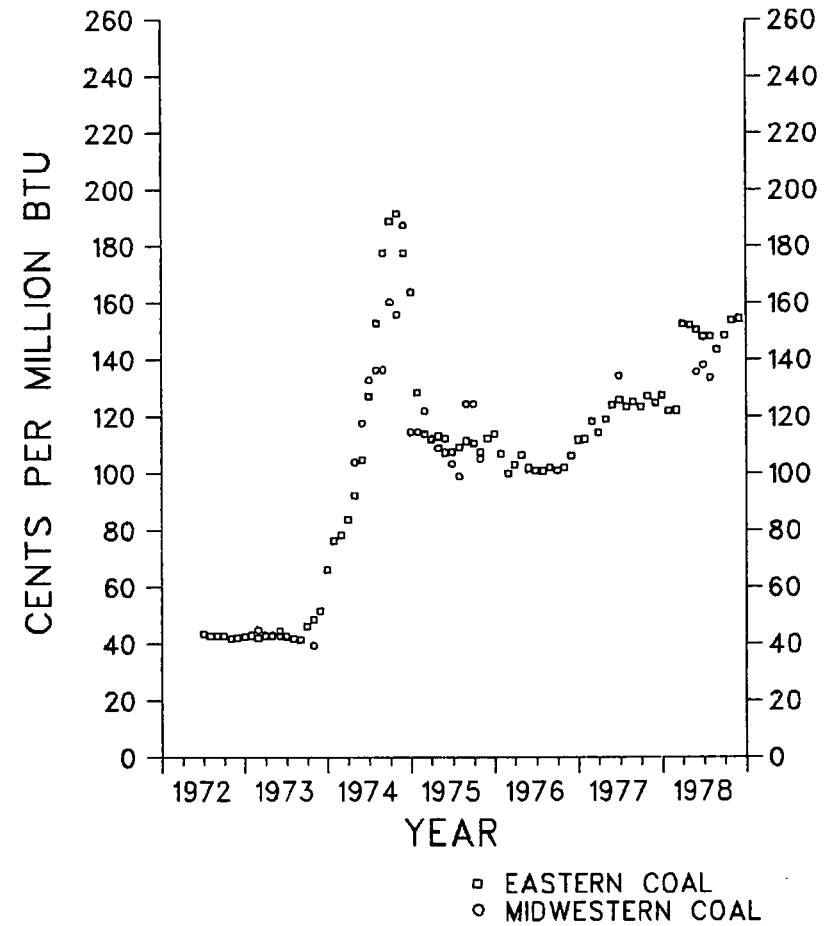


Figure 3.9.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN GEORGIA

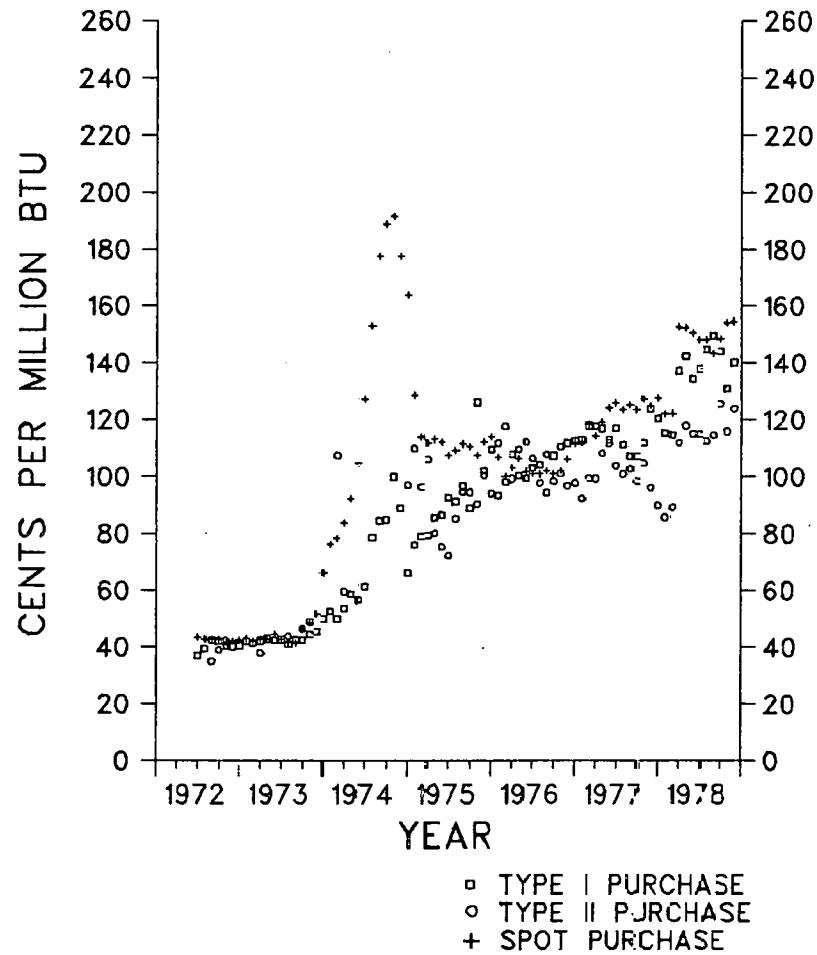


Figure 3.9.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN GEORGIA

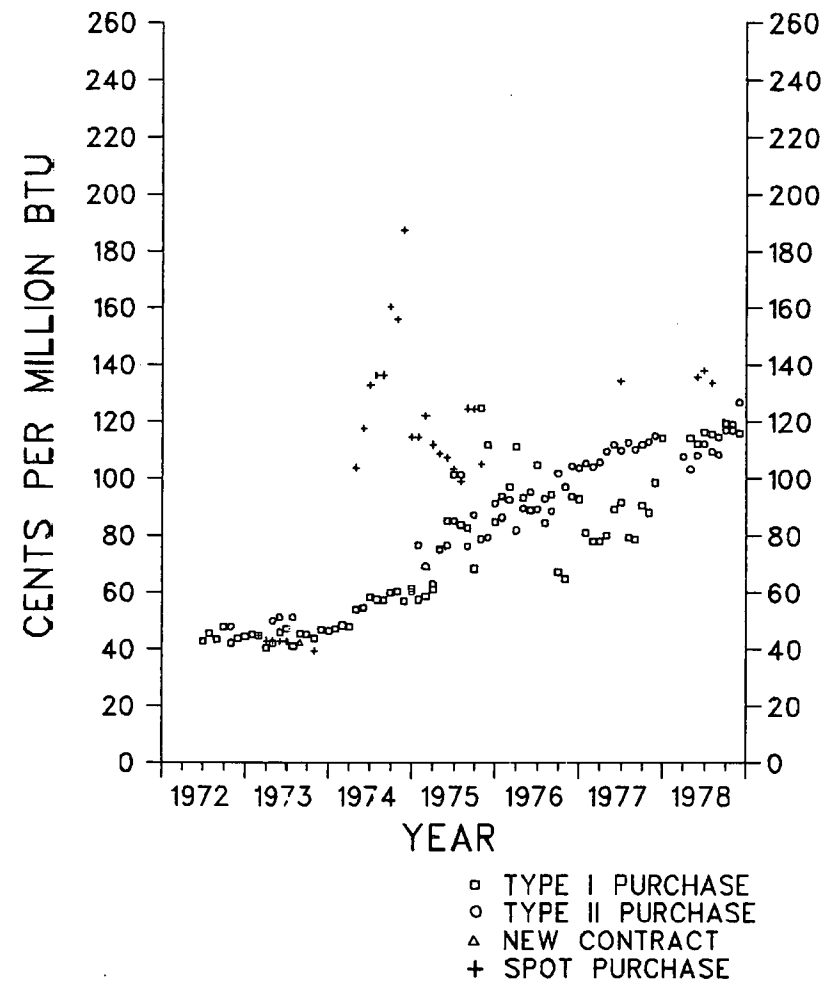


Figure 3.9.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN GEORGIA

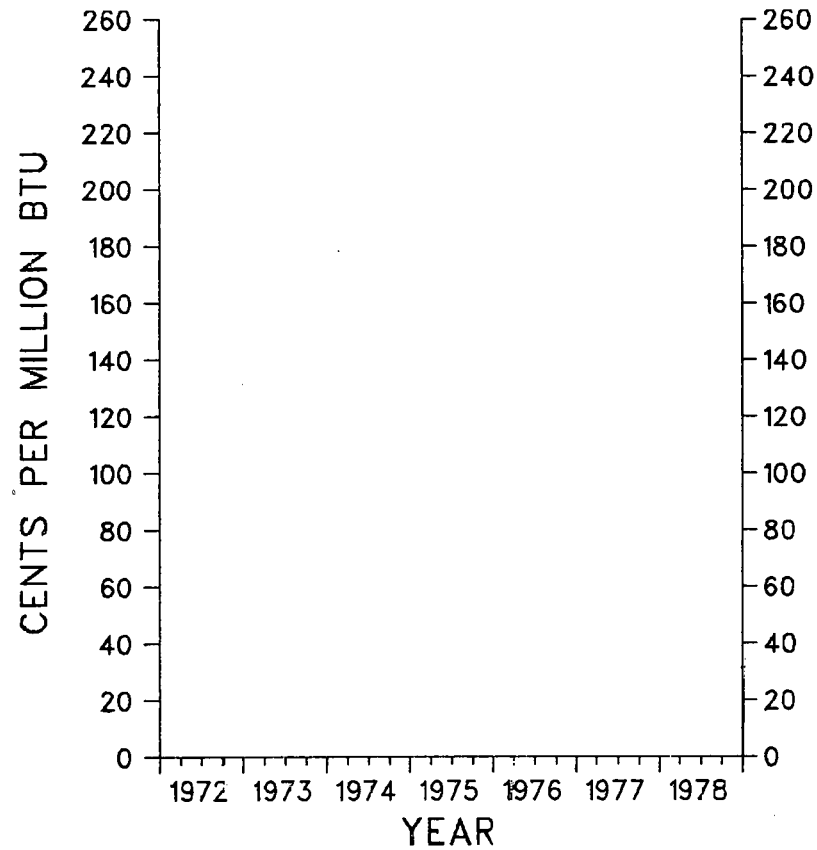


Figure 3.9.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES GEORGIA

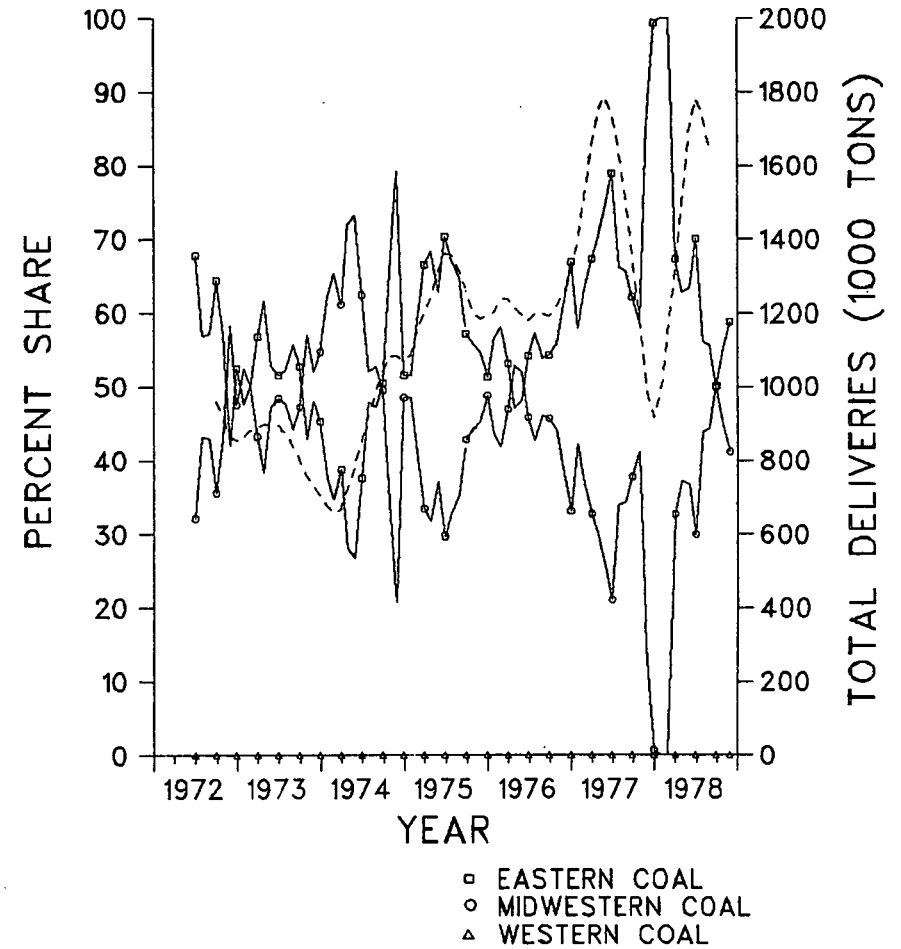


Figure 3.9.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN ILLINOIS
TYPE I PURCHASE

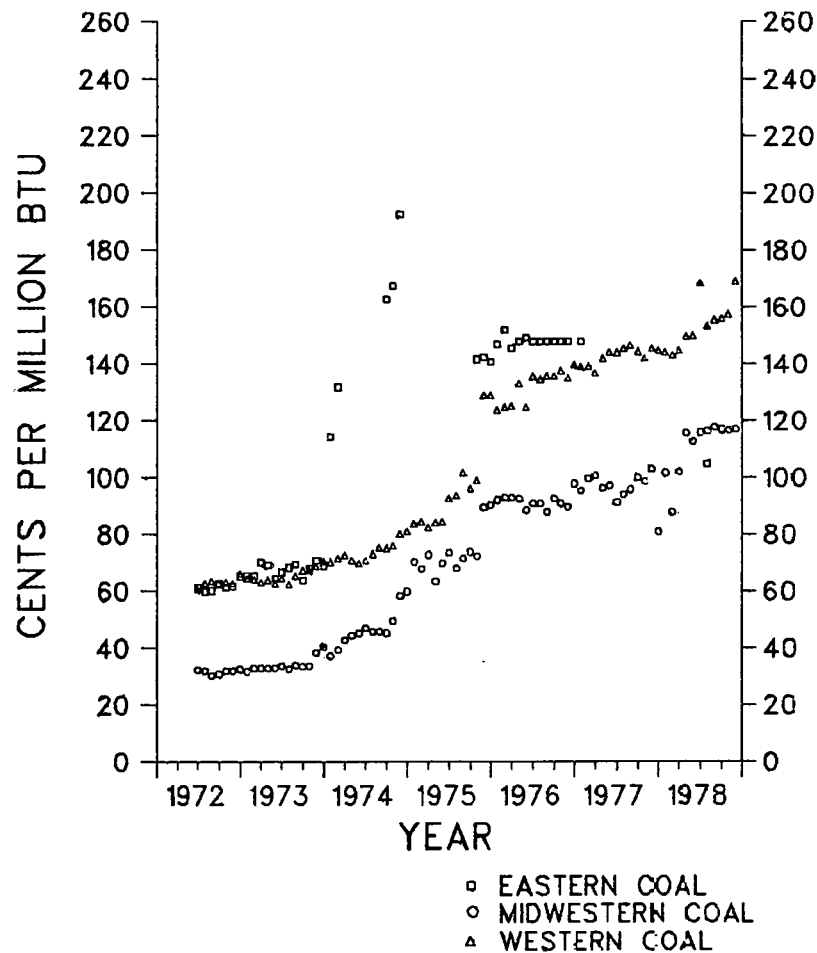


Figure 3.10.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN ILLINOIS
TYPE II PURCHASE

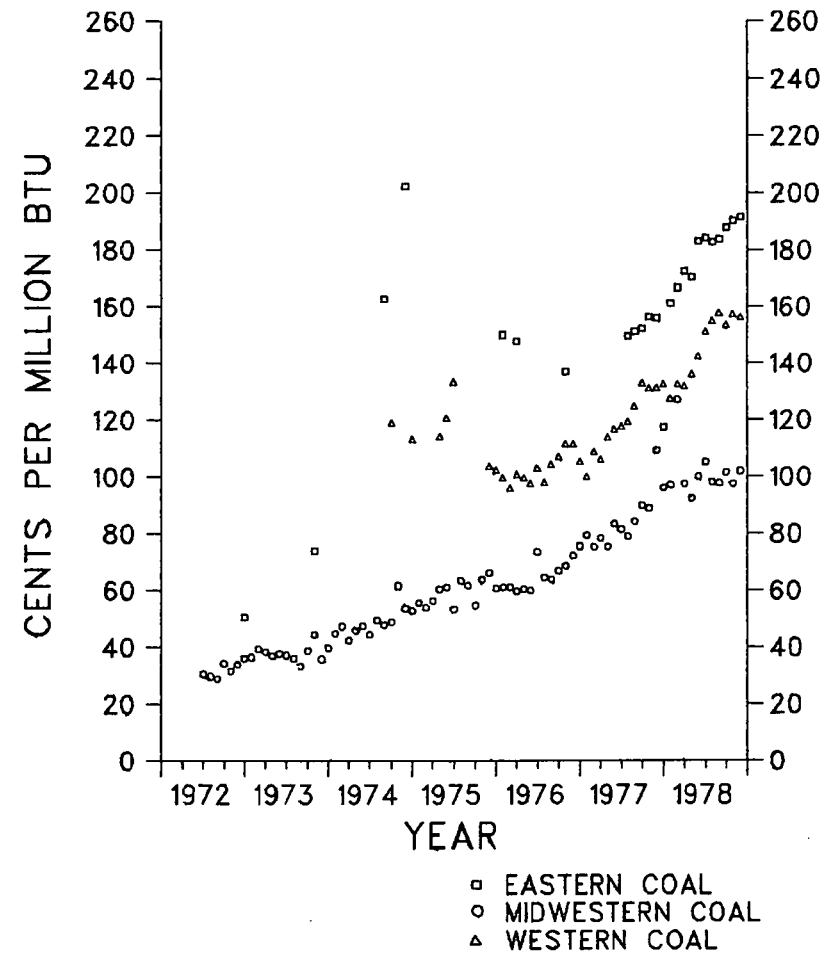


Figure 3.10.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN ILLINOIS
NEW CONTRACT

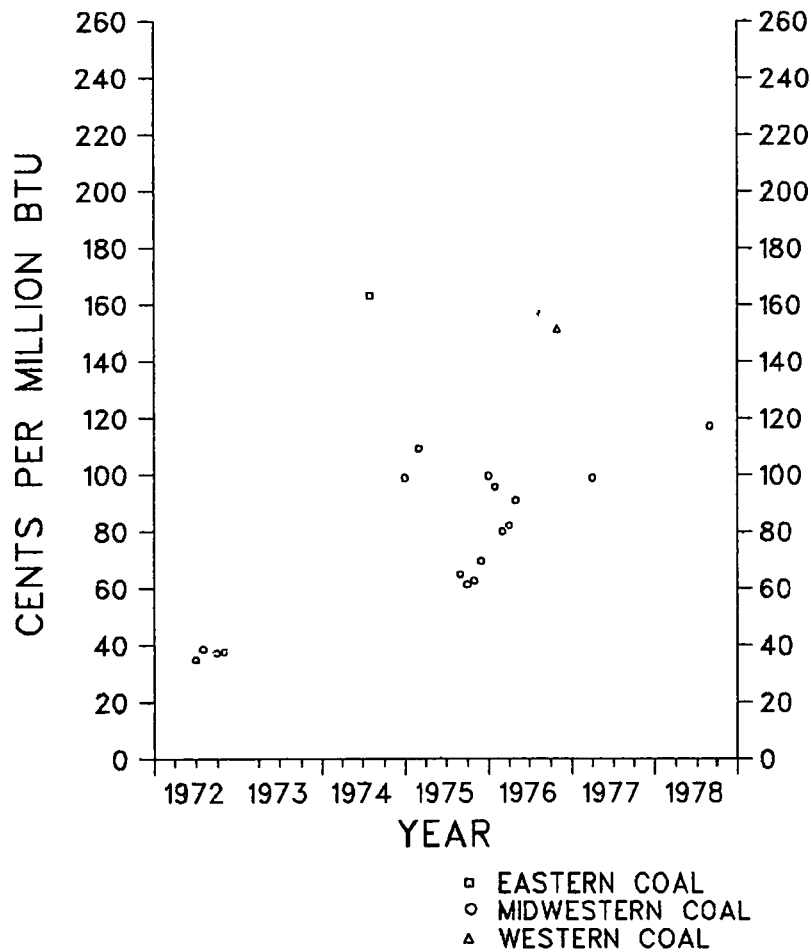


Figure 3.10.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN ILLINOIS
SPOT PURCHASE

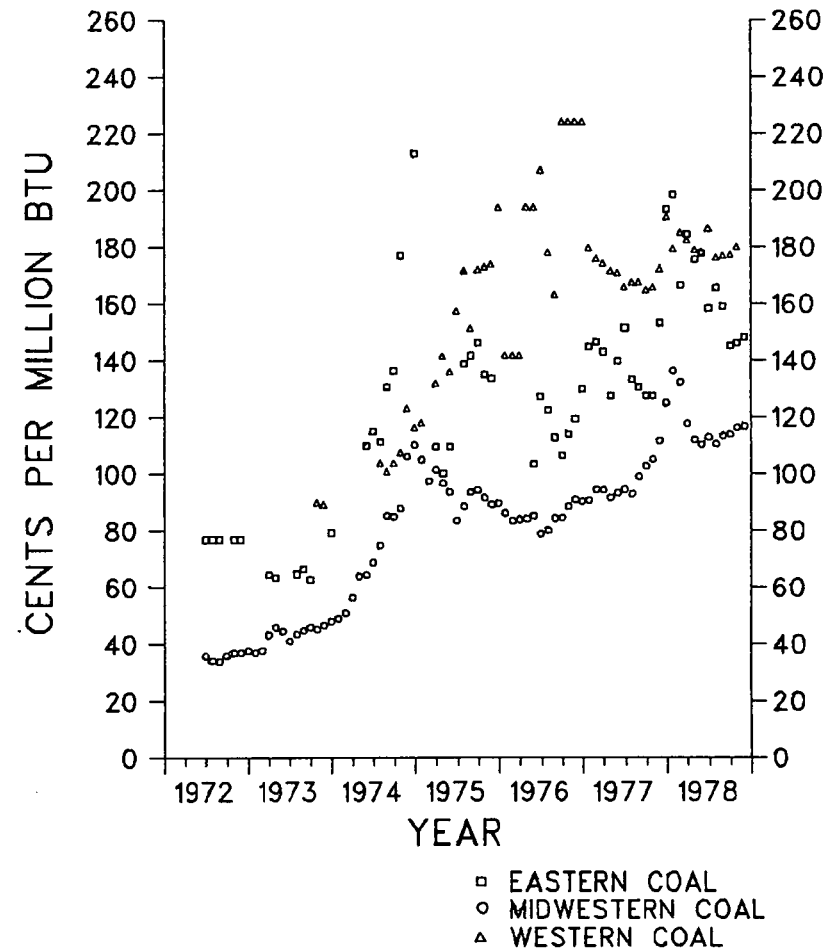


Figure 3.10.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN ILLINOIS

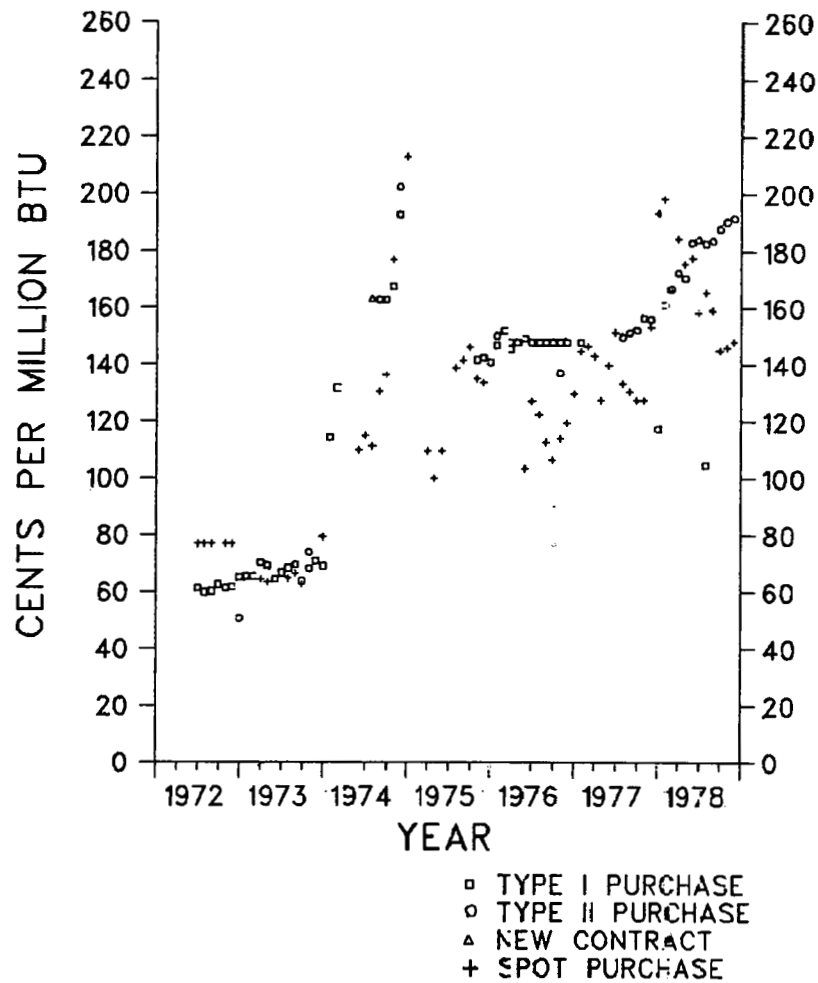


Figure 3.10.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN ILLINOIS

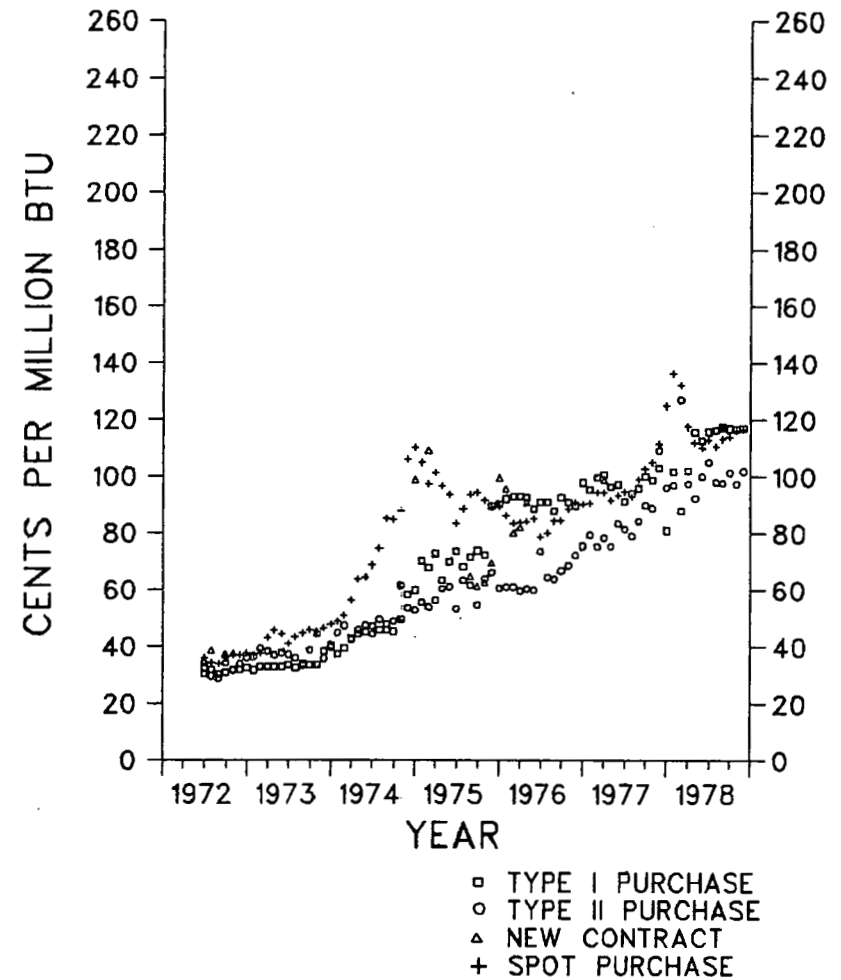


Figure 3.10.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN ILLINOIS

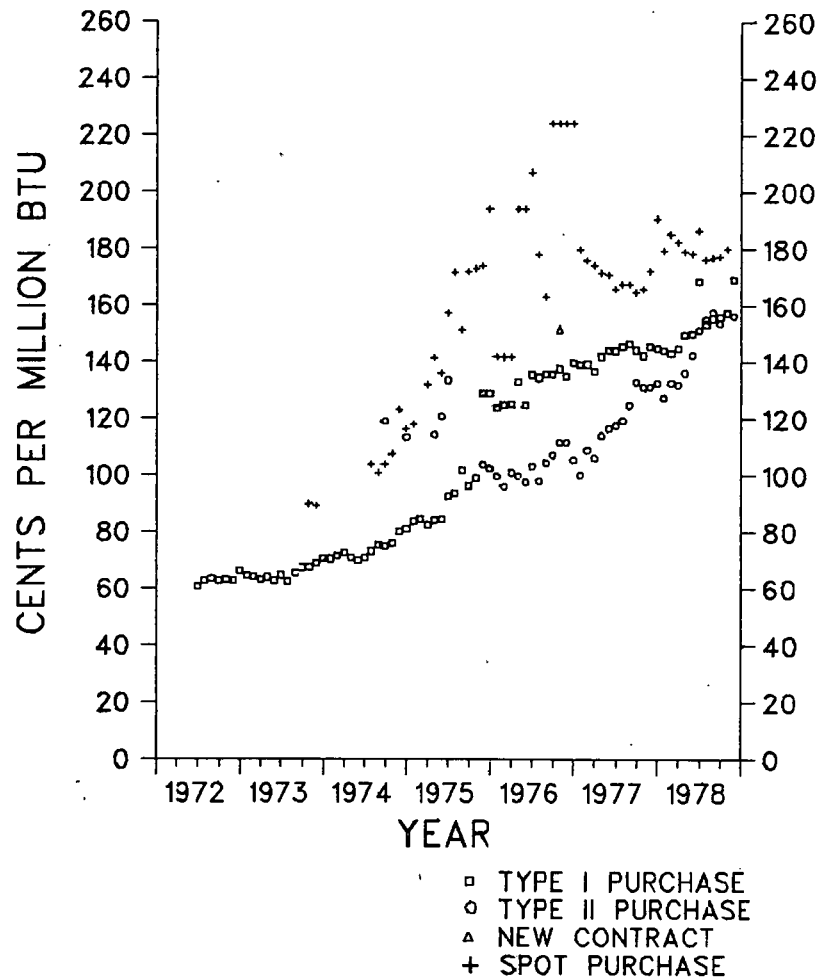


Figure 3.10.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES ILLINOIS

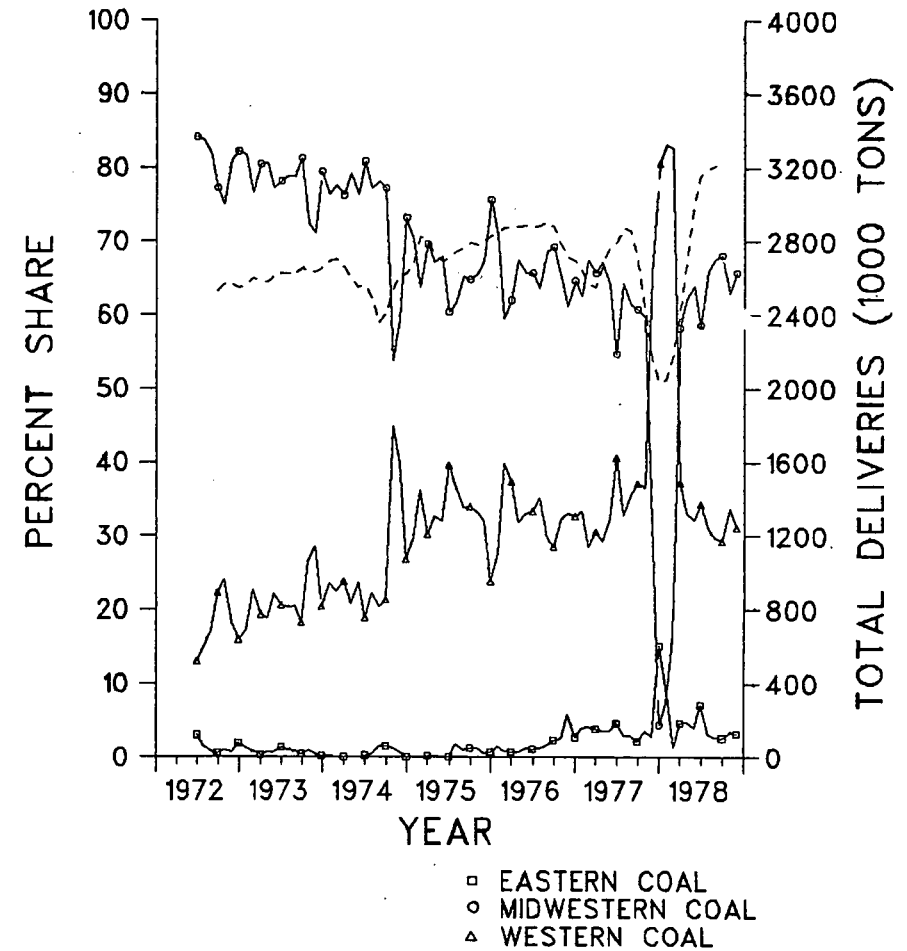


Figure 3.10.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN INDIANA
TYPE I PURCHASE

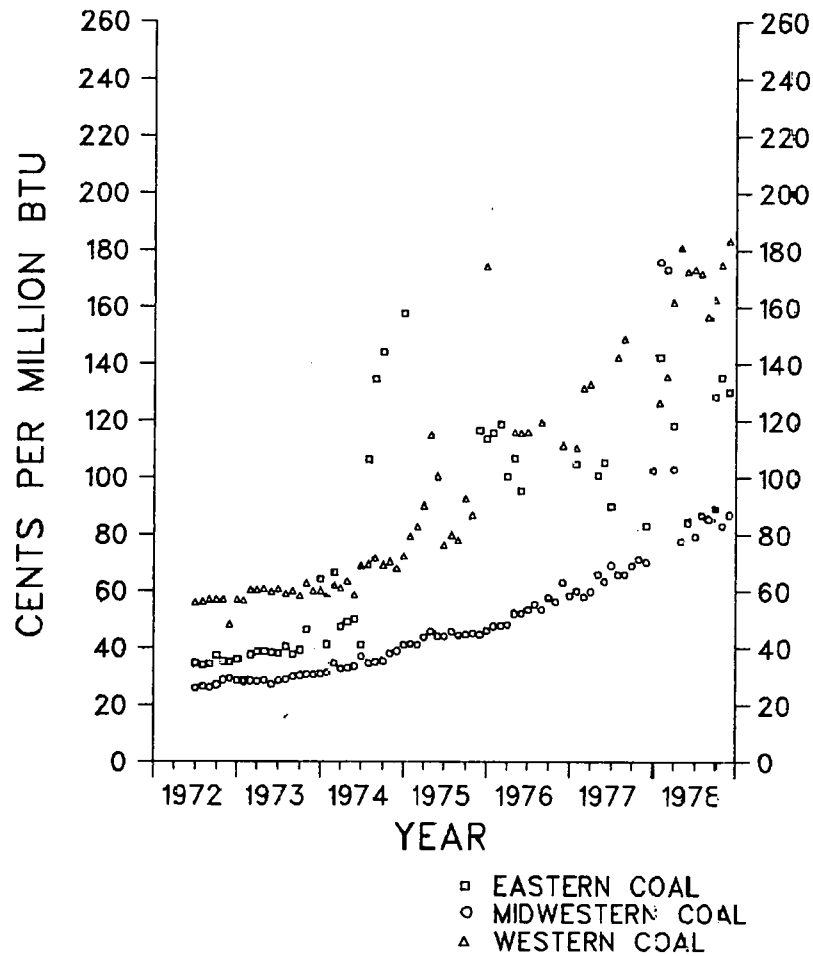


Figure 3.11.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN INDIANA
TYPE II PURCHASE

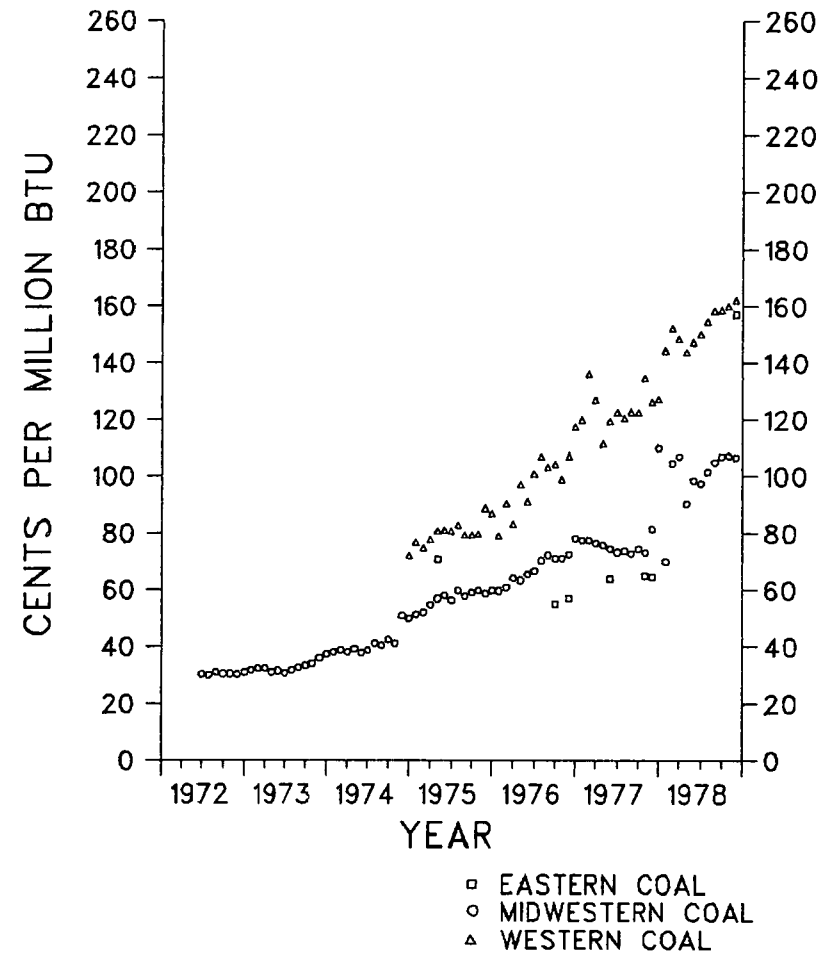


Figure 3.11.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN INDIANA
NEW CONTRACT

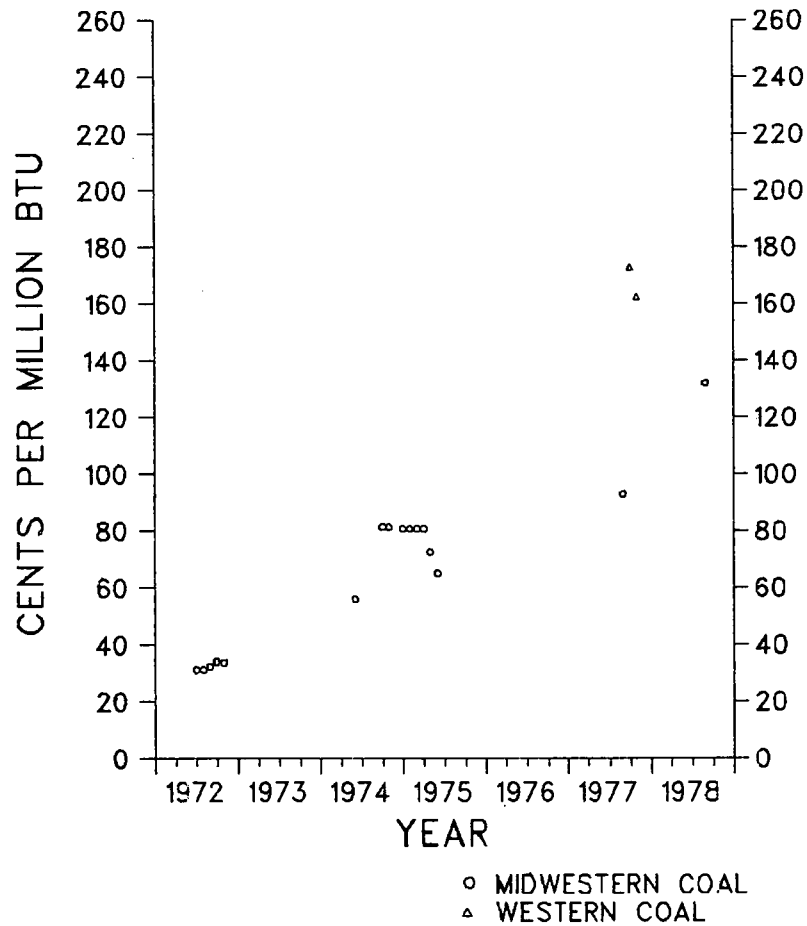


Figure 3.11.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN INDIANA
SPOT PURCHASE

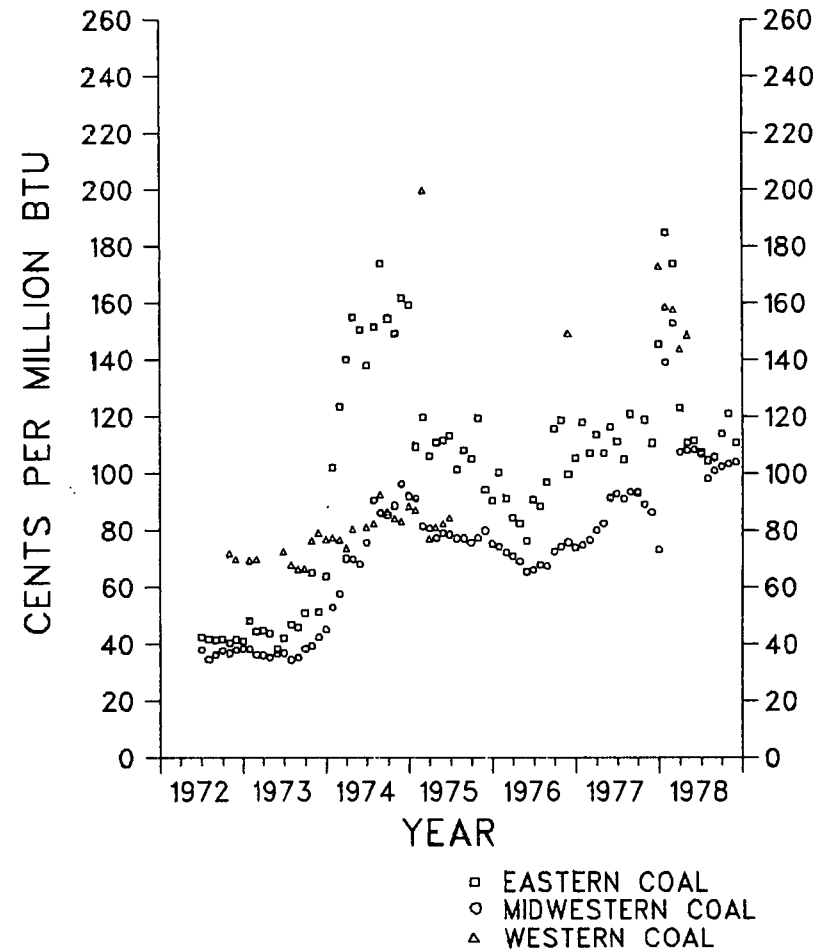


Figure 3.11.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN INDIANA

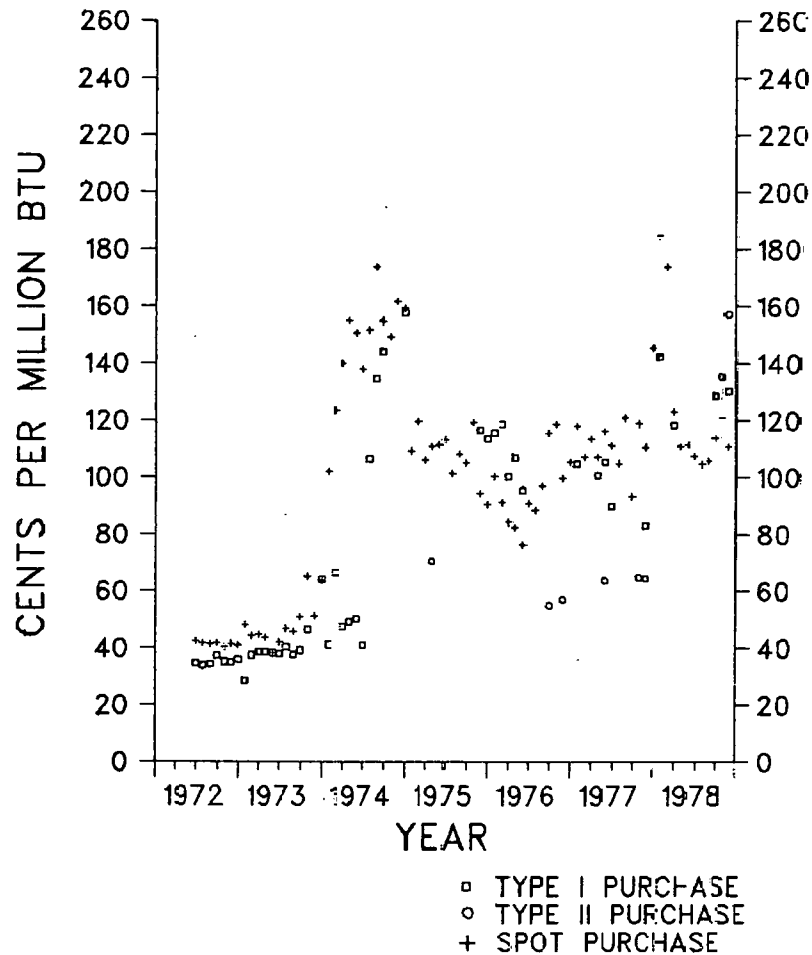


Figure 3.11.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN INDIANA

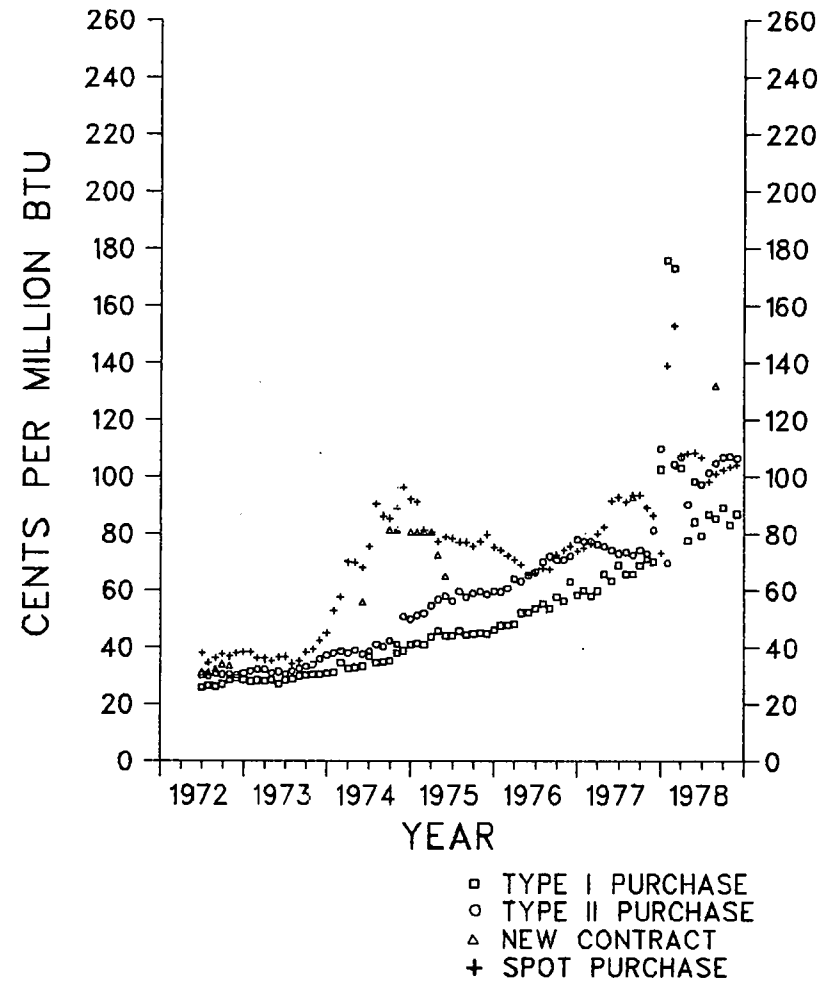


Figure 3.11.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN INDIANA

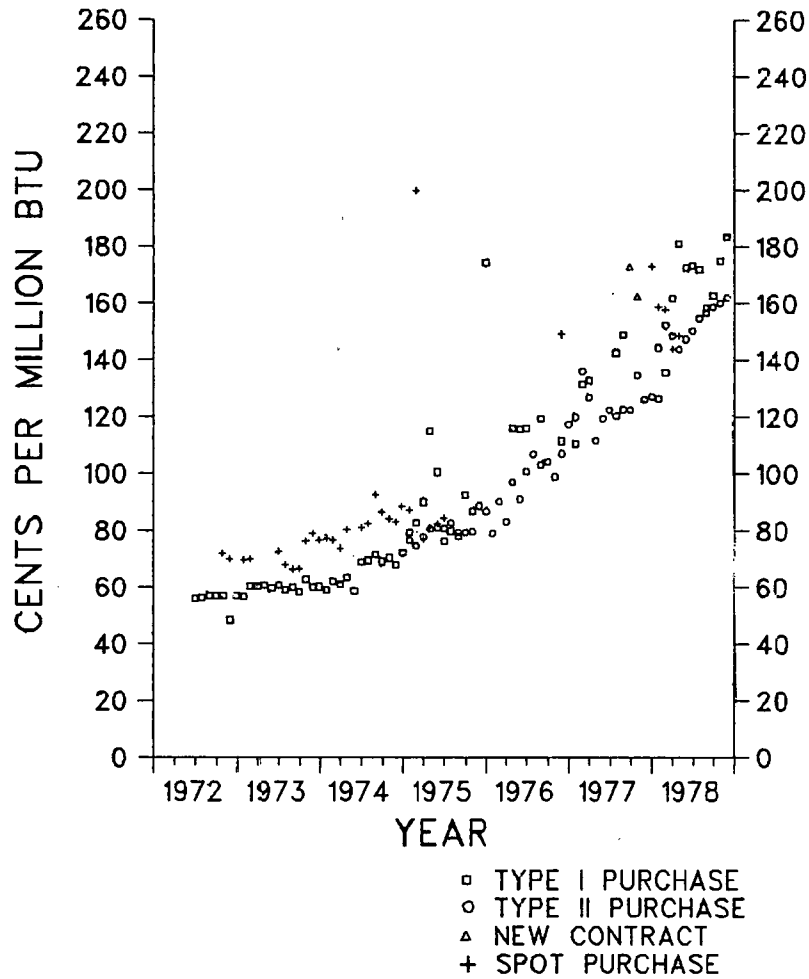


Figure 3.11.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES INDIANA

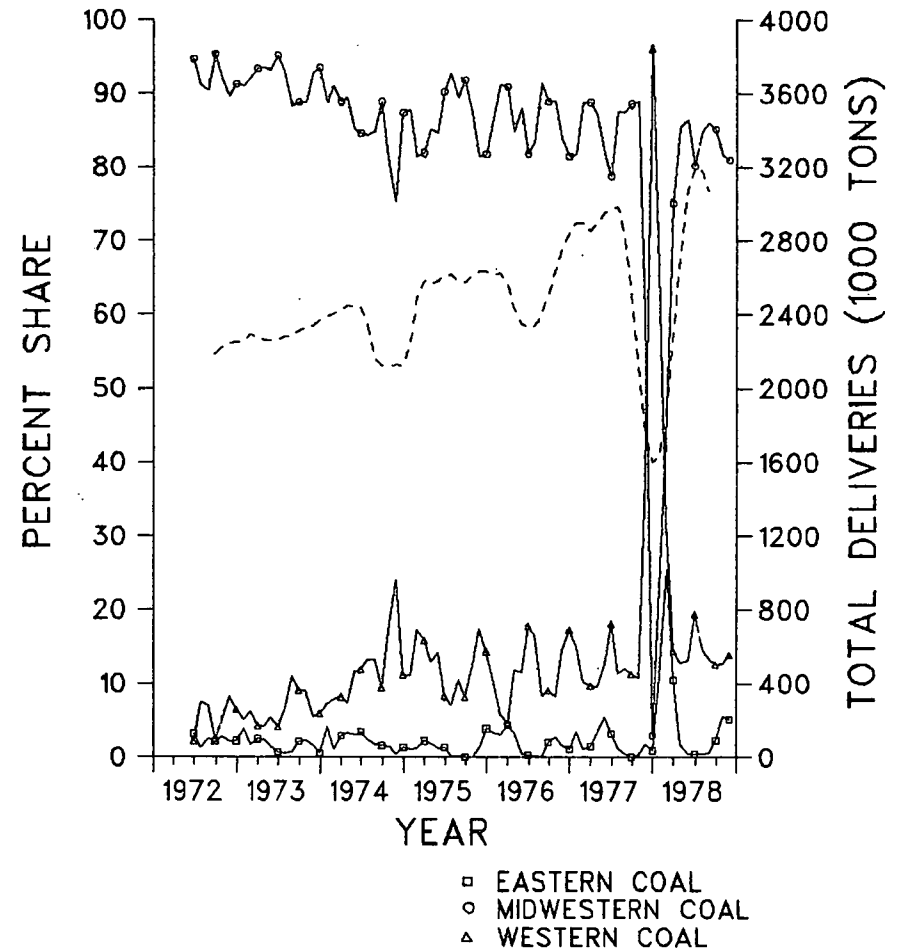


Figure 3.11.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN IOWA
TYPE I PURCHASE

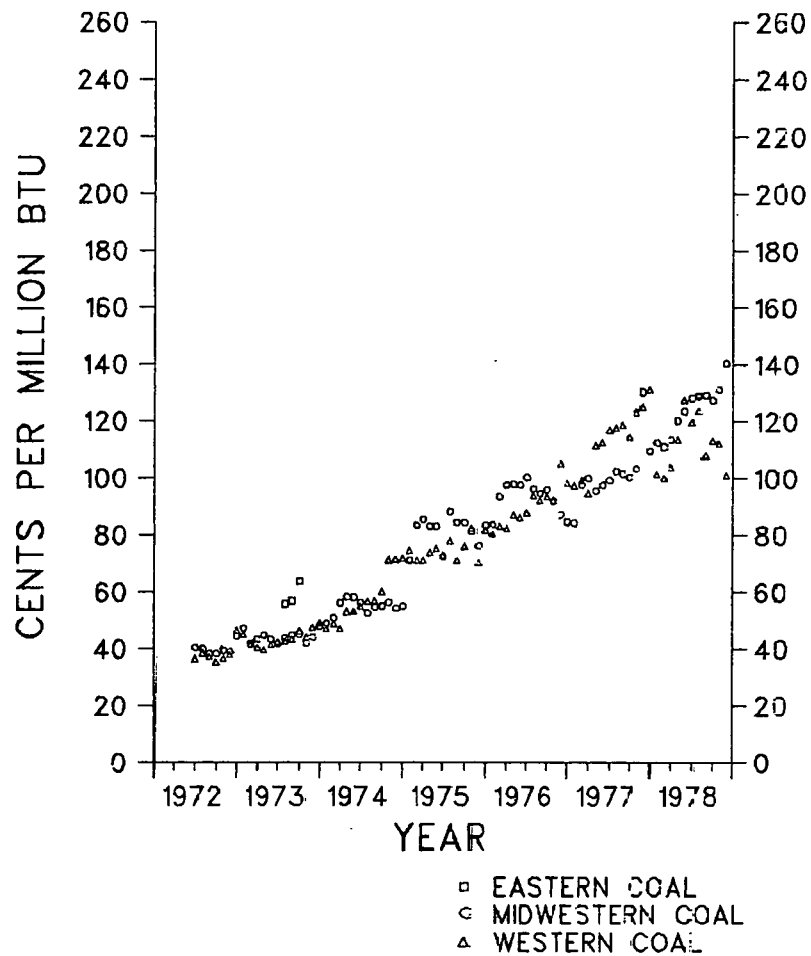


Figure 3.12.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN IOWA
TYPE II PURCHASE

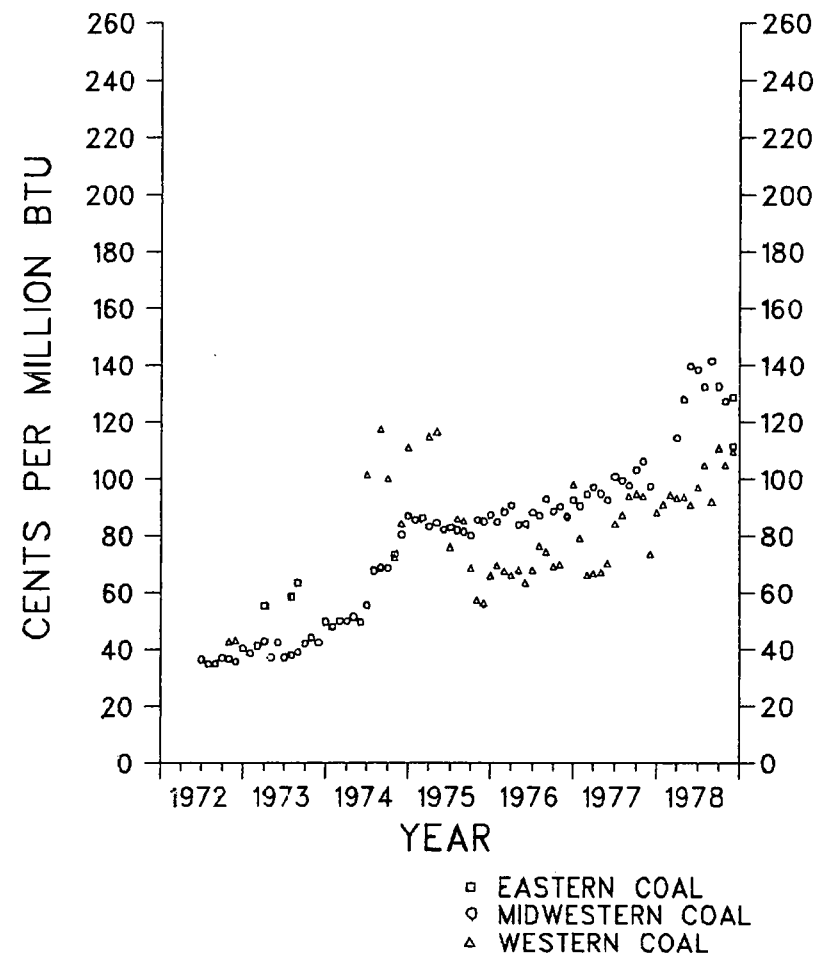


Figure 3.12.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN IOWA
NEW CONTRACT

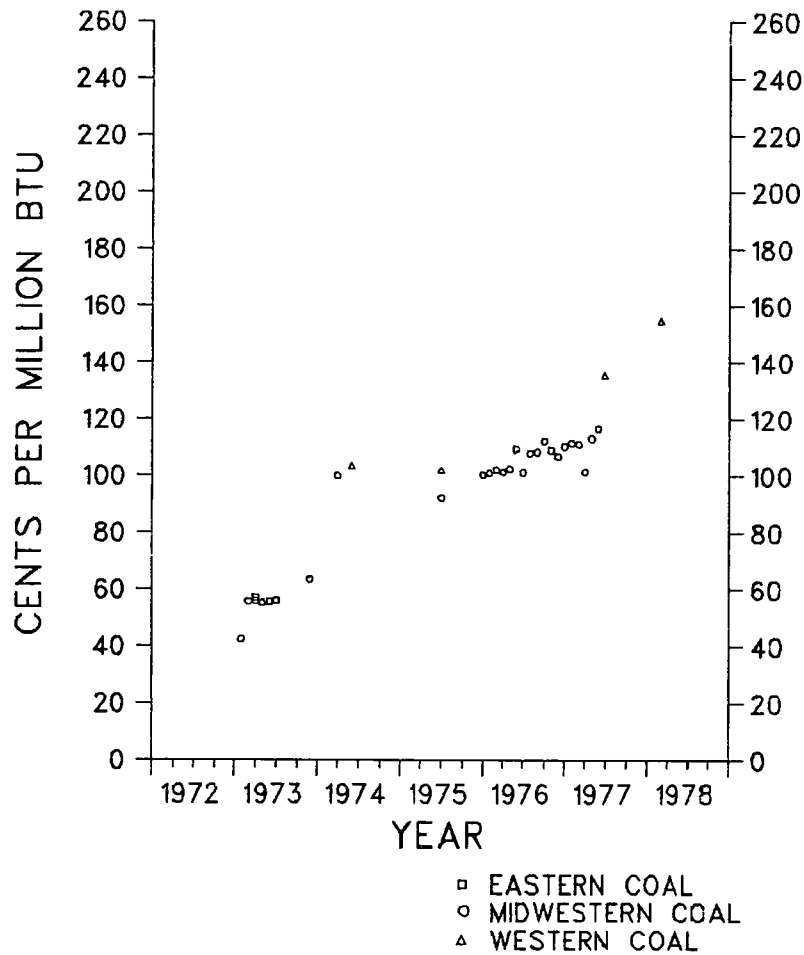


Figure 3.12.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN IOWA
SPOT PURCHASE

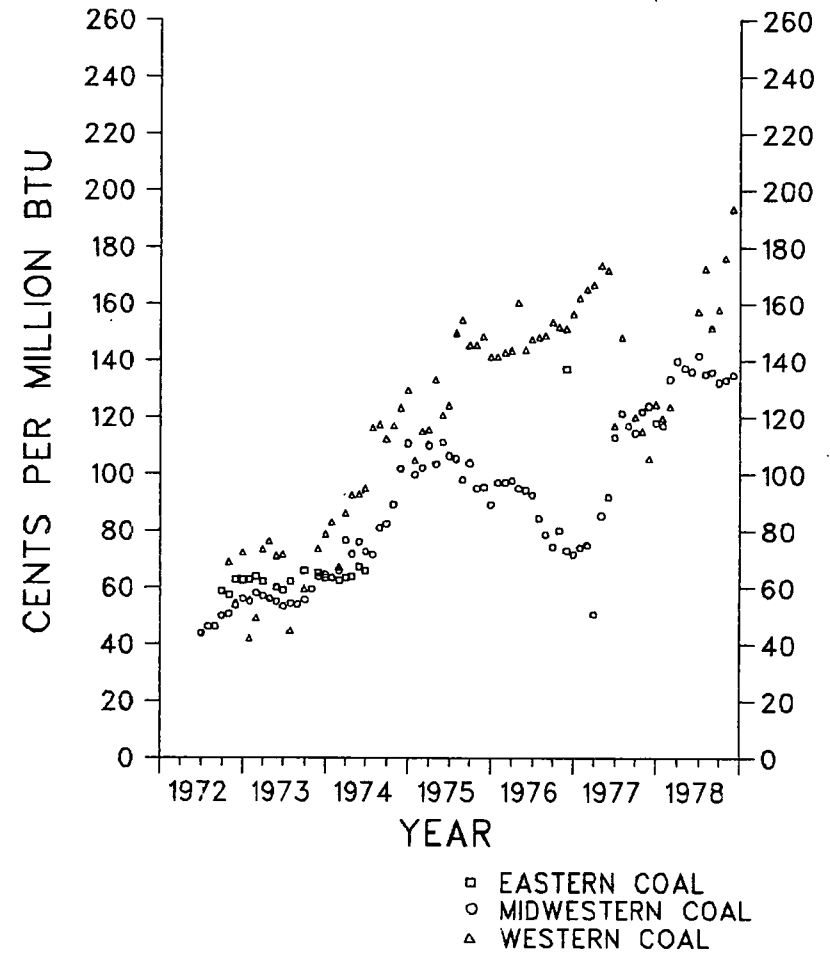


Figure 3.12.4

PRICES OF EASTERN COAL BY TYPE OF PURCHASE IN IOWA

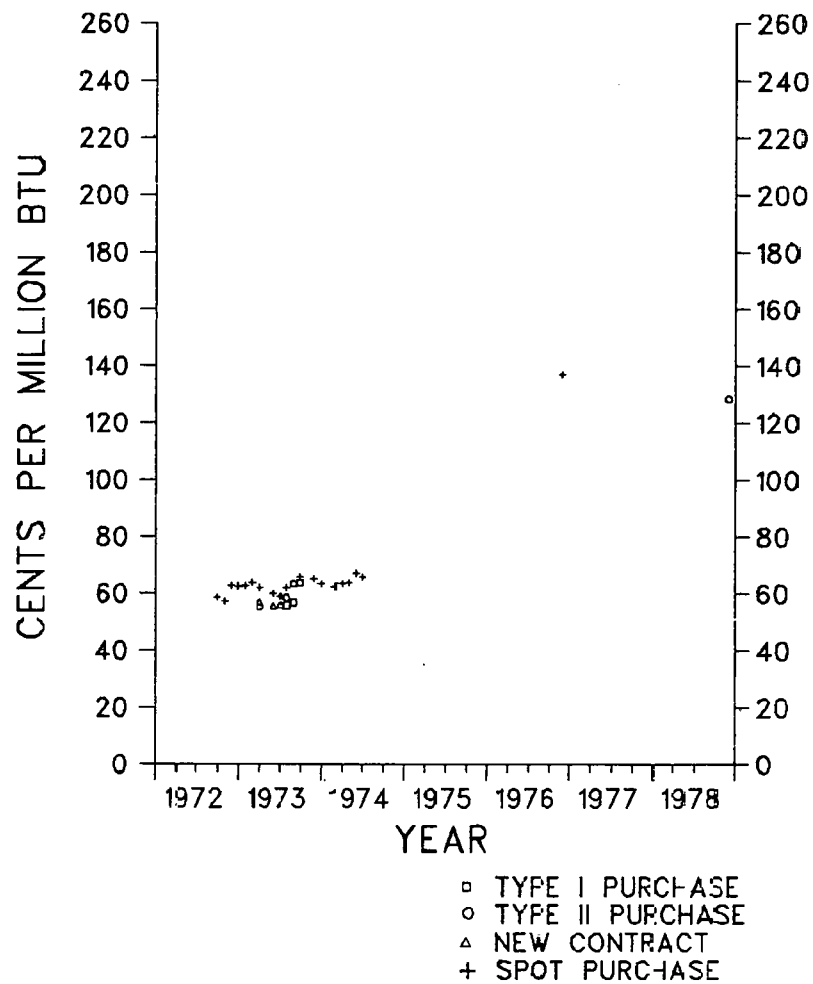


Figure 3.12.5

PRICES OF MIDWESTERN COAL BY TYPE OF PURCHASE IN IOWA

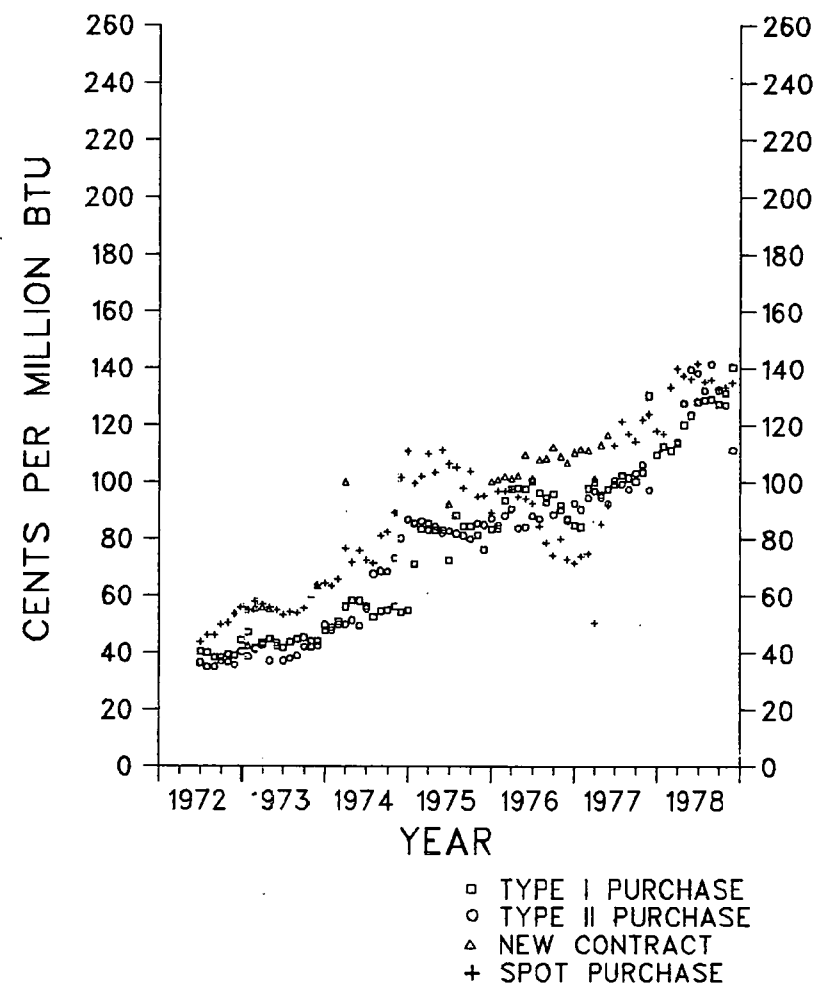


Figure 3.12.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN IOWA

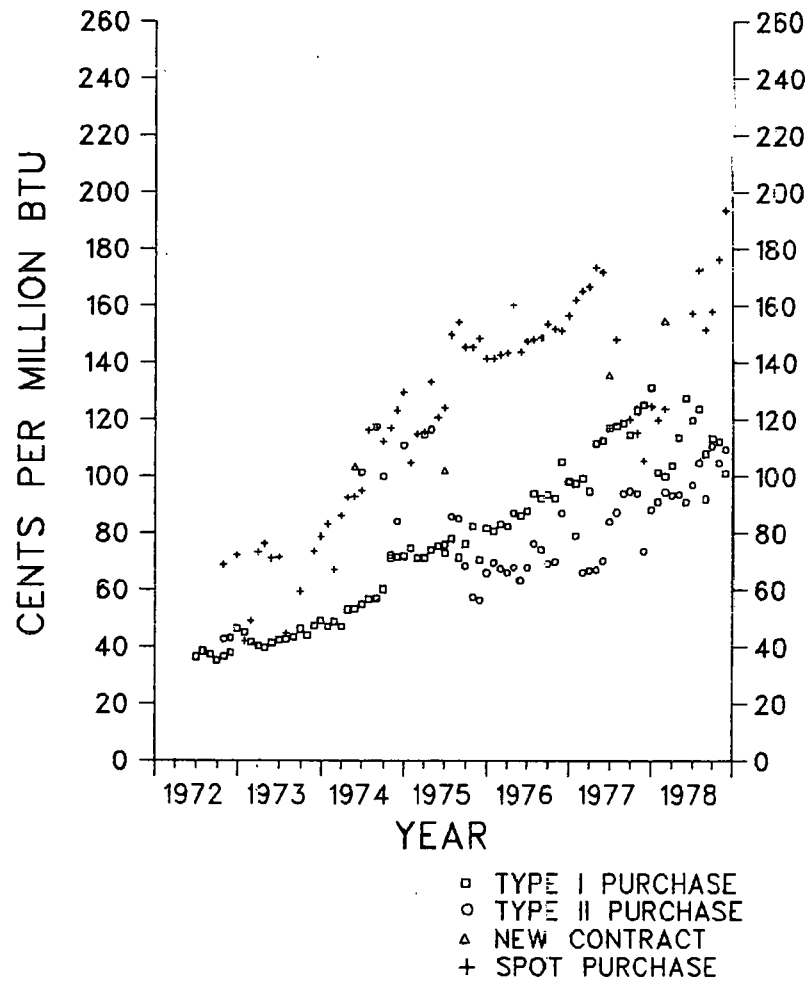


Figure 3.12.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES IOWA

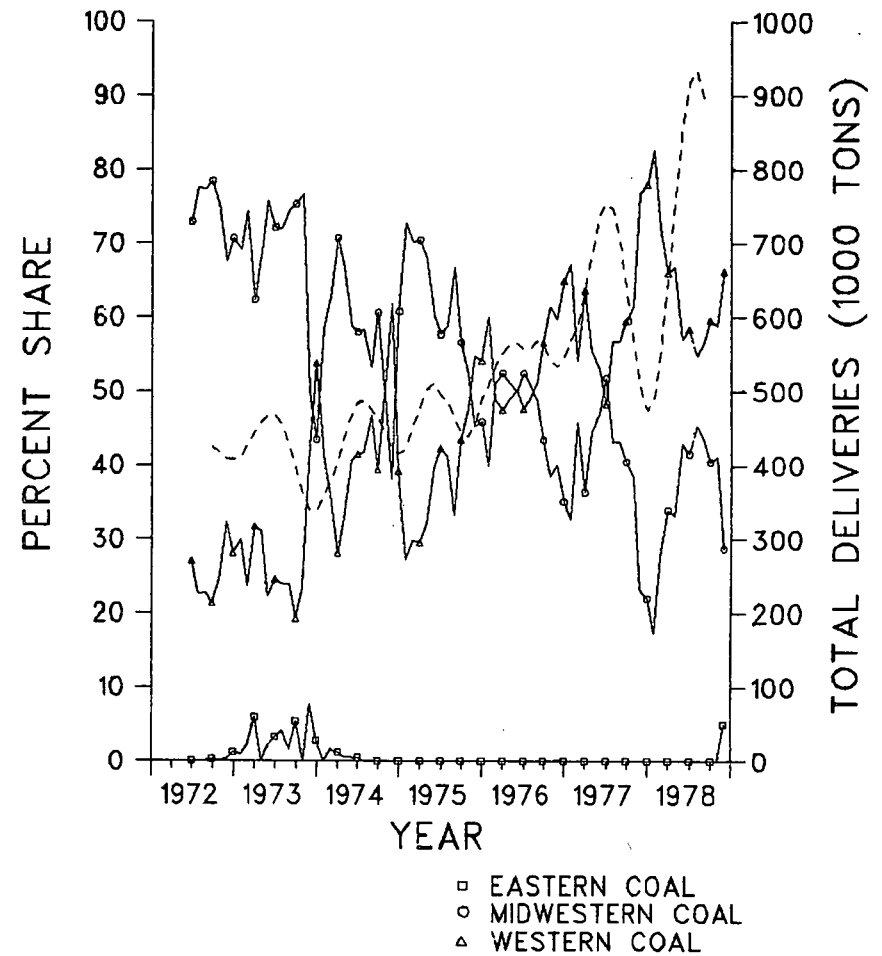


Figure 3.12.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN KANSAS
TYPE I PURCHASE

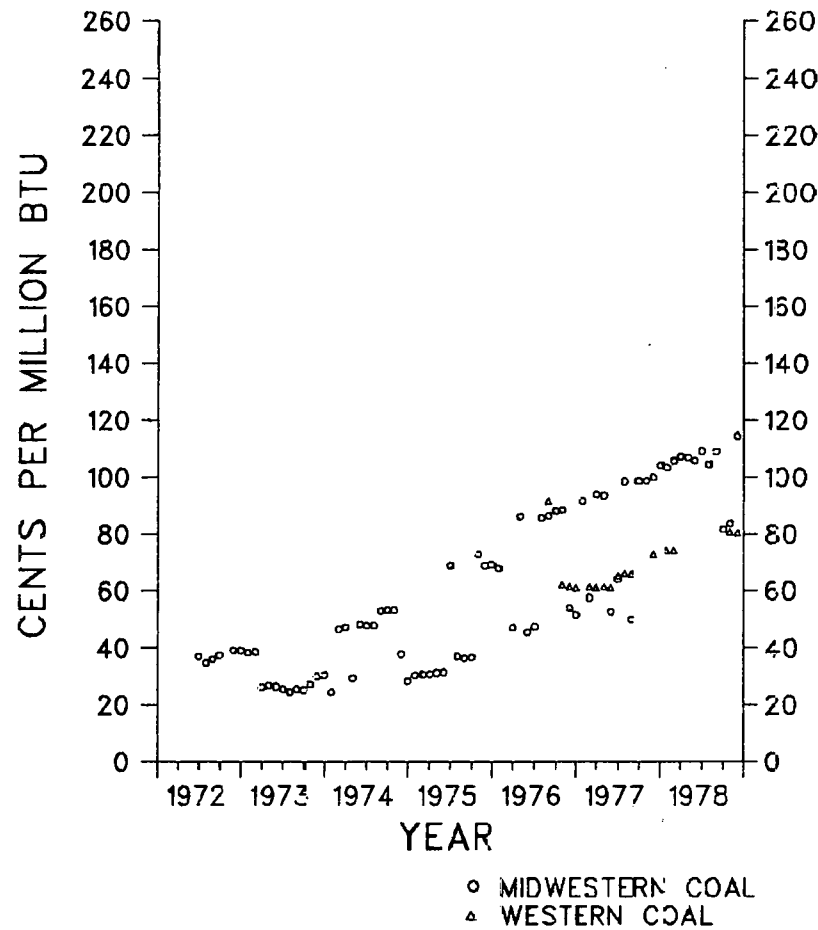


Figure 3.13.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN KANSAS
TYPE II PURCHASE

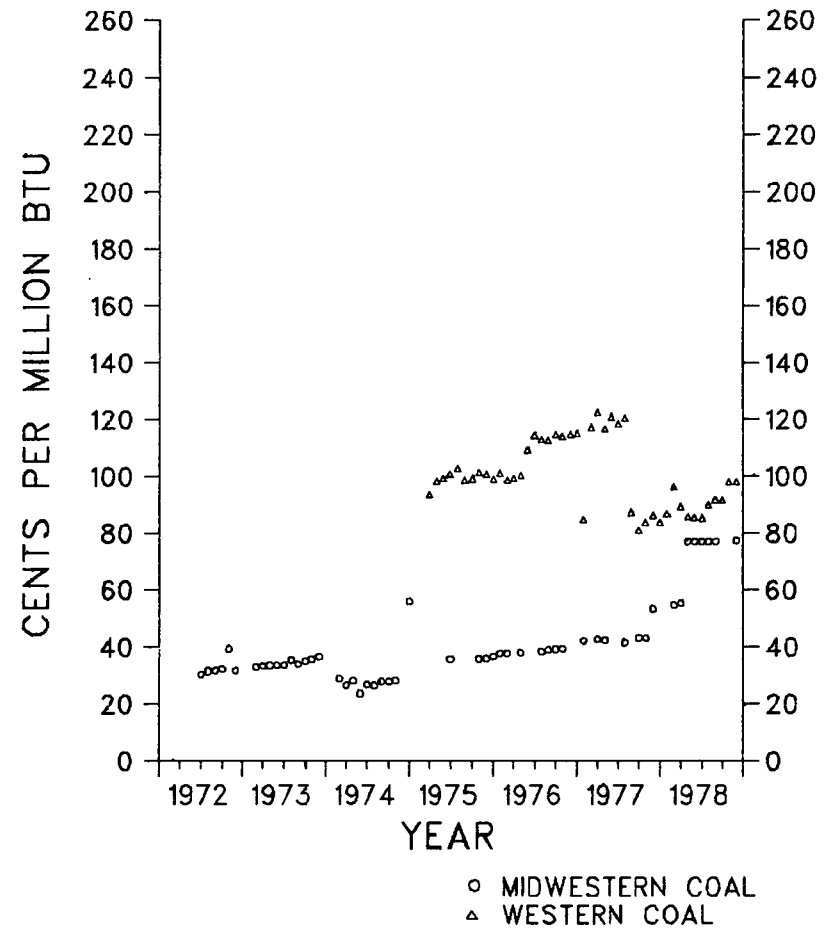


Figure 3.13.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN KANSAS
NEW CONTRACT

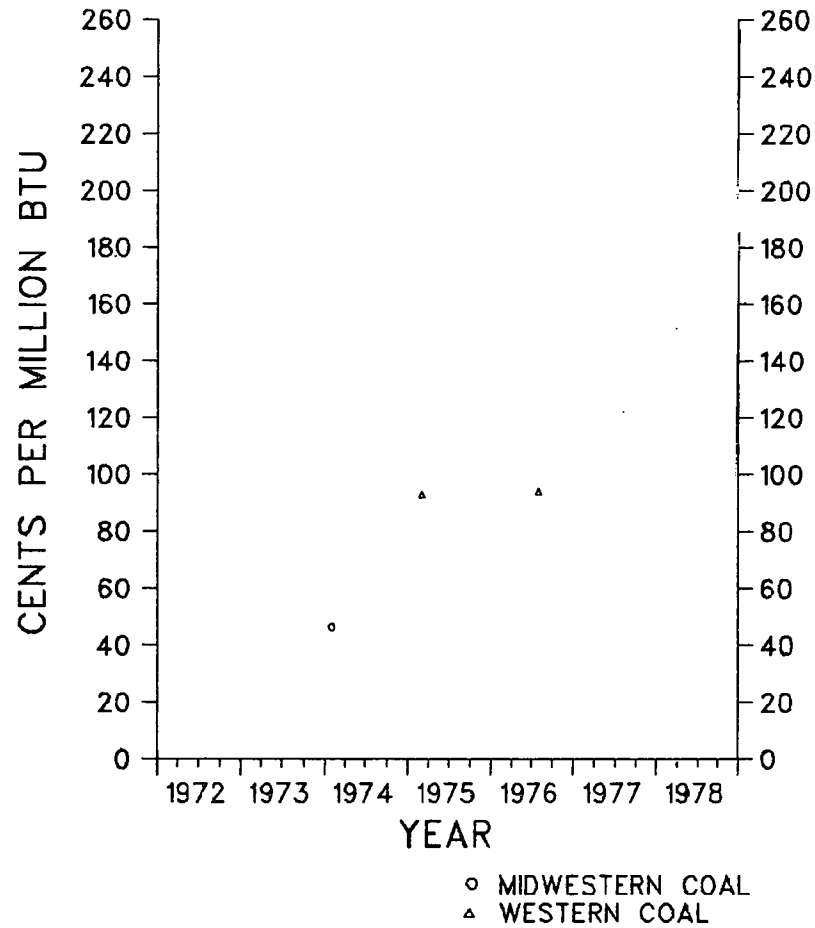


Figure 3.13.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN KANSAS
SPOT PURCHASE

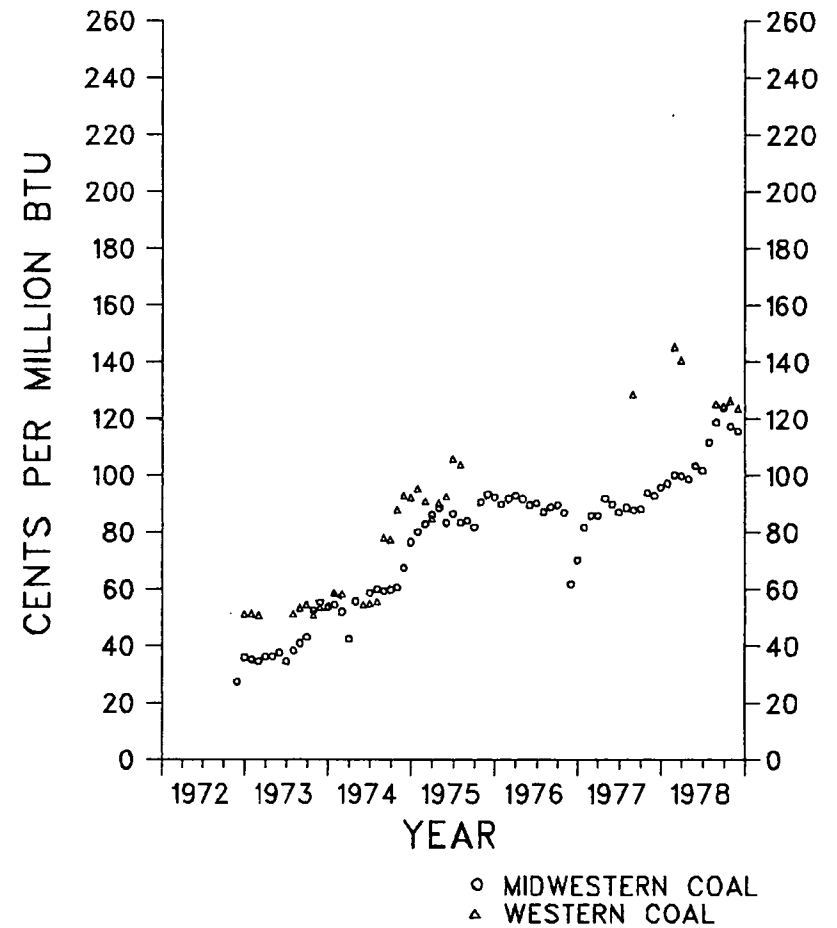


Figure 3.13.4

PRICES OF EASTERN COAL BY TYPE OF PURCHASE IN KANSAS

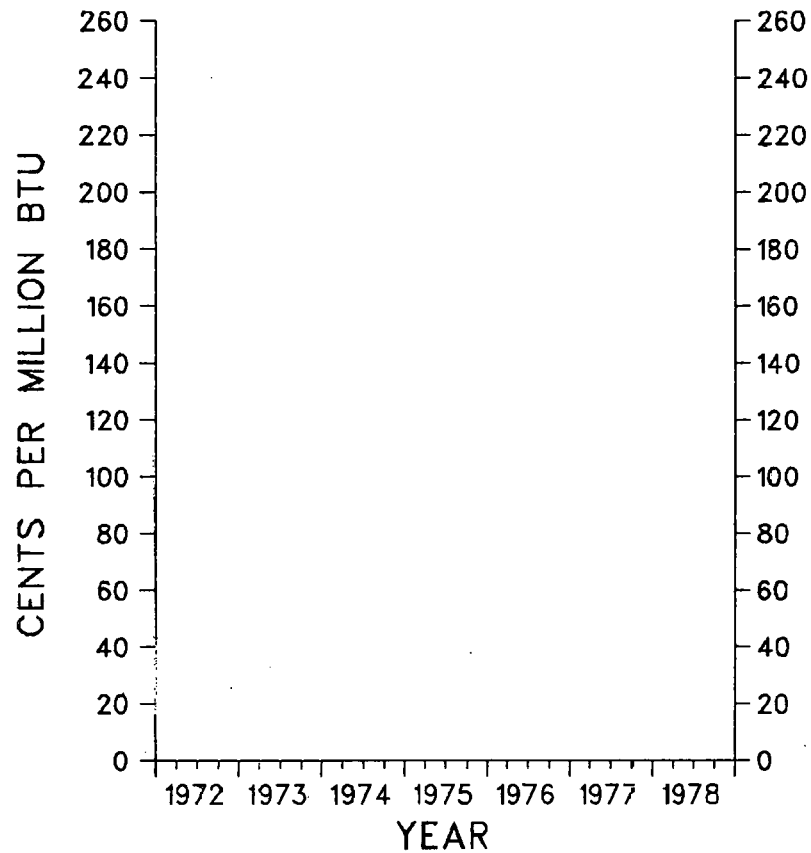


Figure 3.13.5

PRICES OF MIDWESTERN COAL BY TYPE OF PURCHASE IN KANSAS

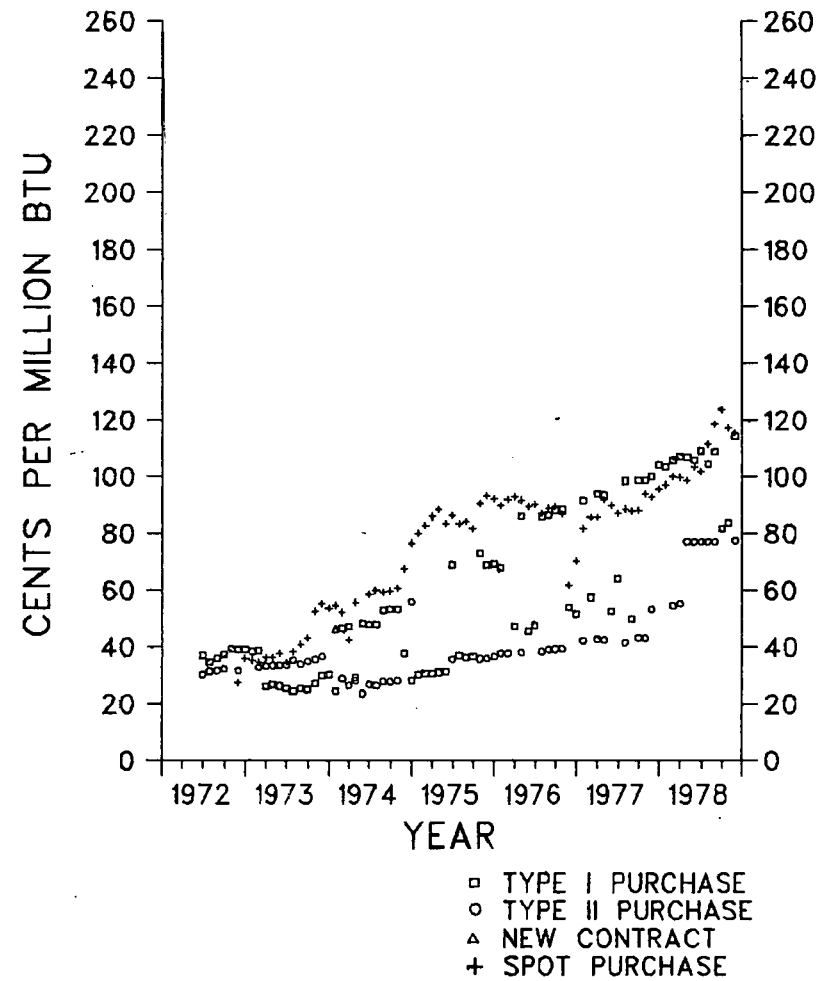


Figure 3.13.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN KANSAS

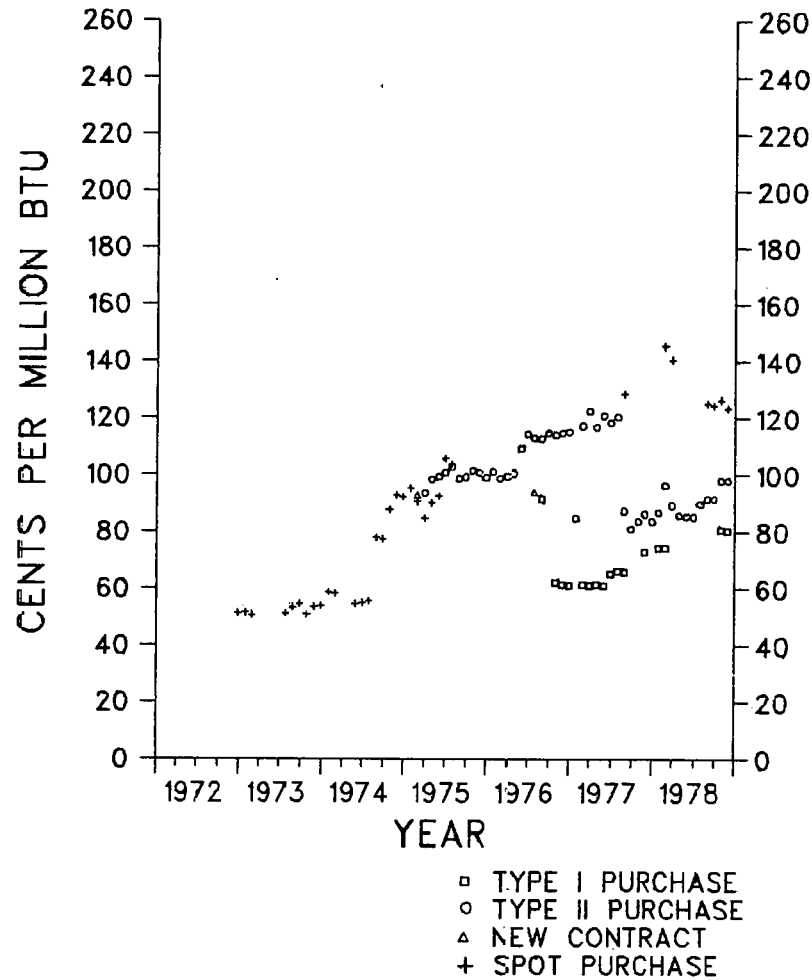


Figure 3.13.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES KANSAS

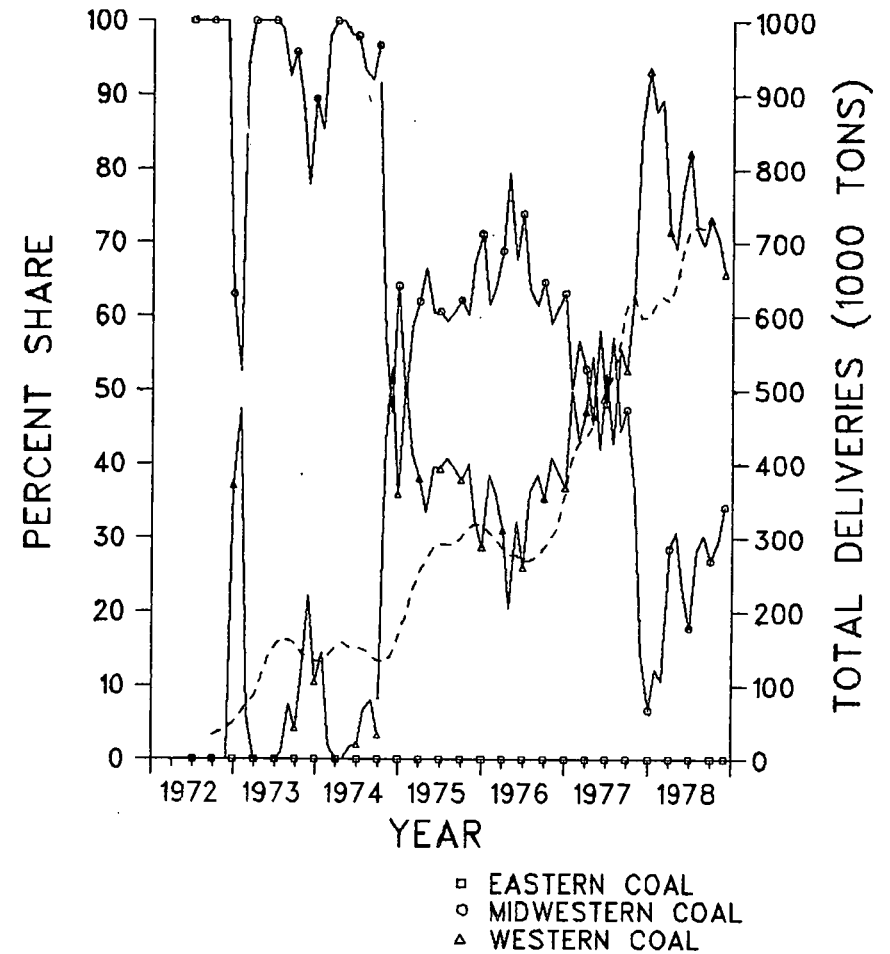


Figure 3.13.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN KENTUCKY
TYPE I PURCHASE

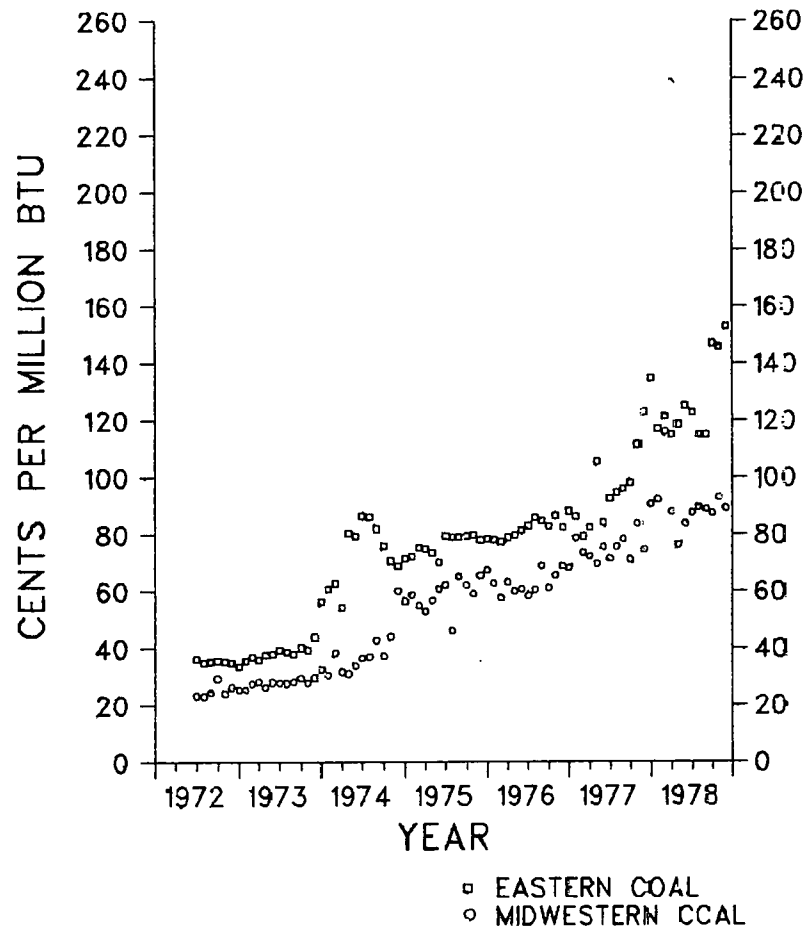


Figure 3.14.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN KENTUCKY
TYPE II PURCHASE

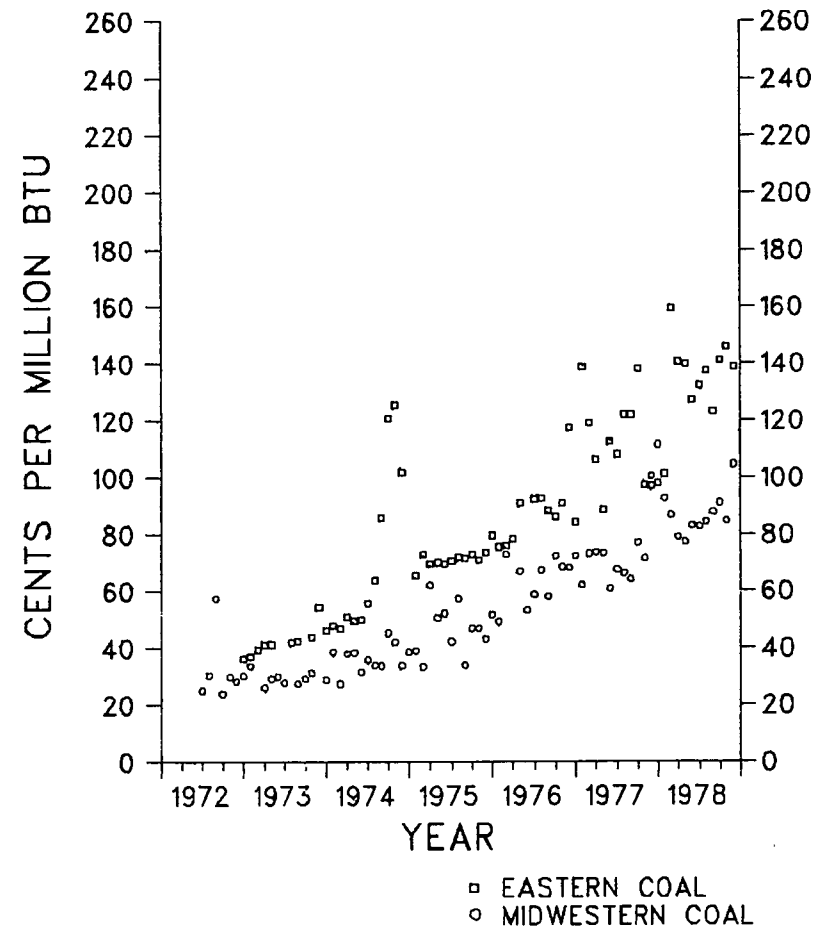


Figure 3.14.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN KENTUCKY
NEW CONTRACT

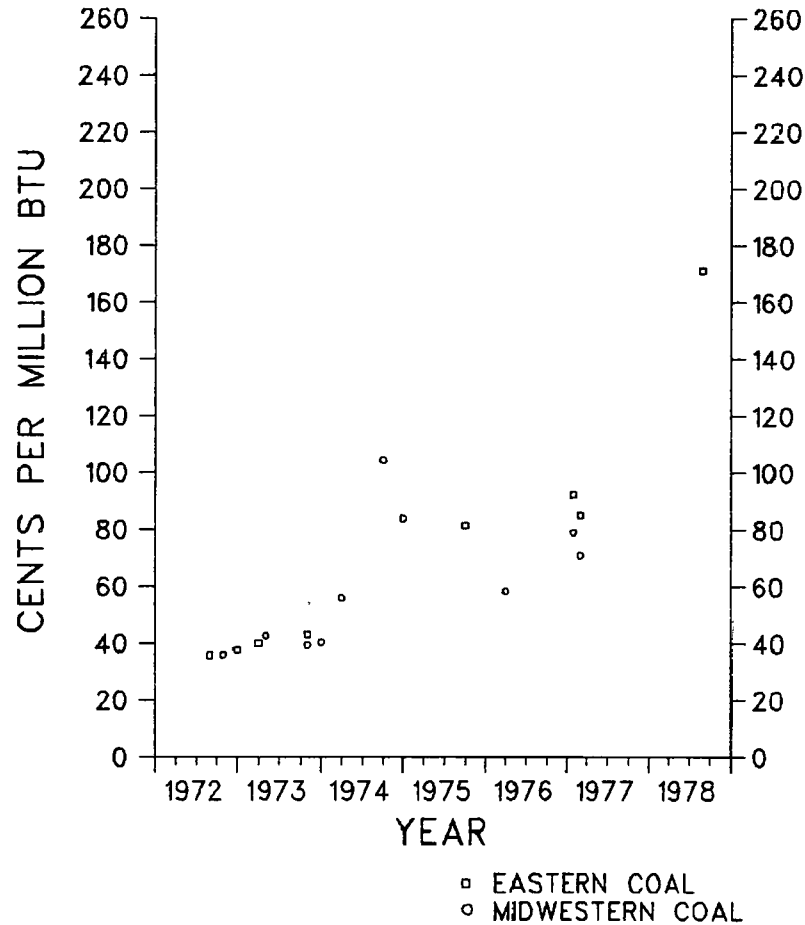


Figure 3.14.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN KENTUCKY
SPOT PURCHASE

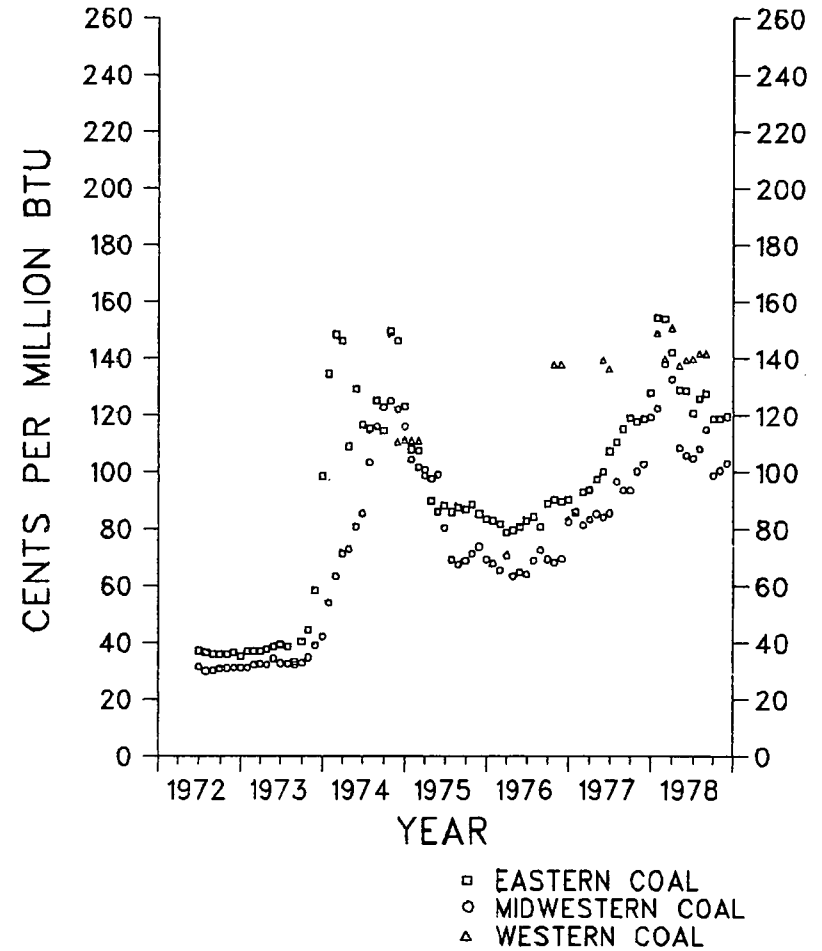


Figure 3.14.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN KENTUCKY

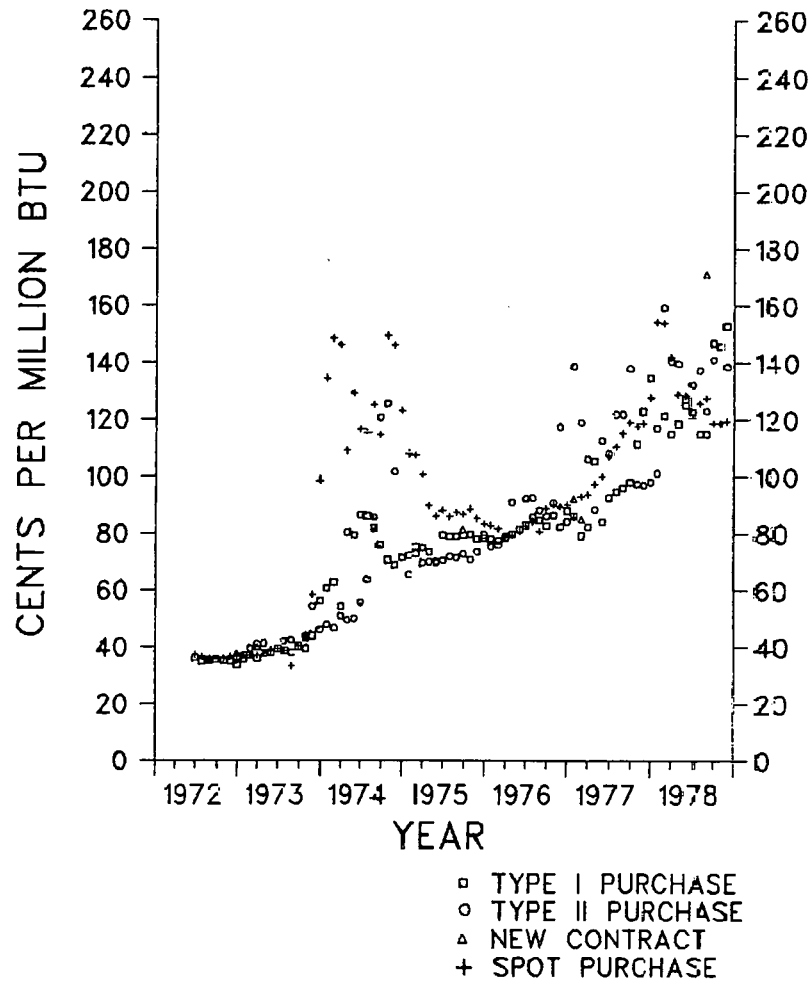


Figure 3.14.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN KENTUCKY

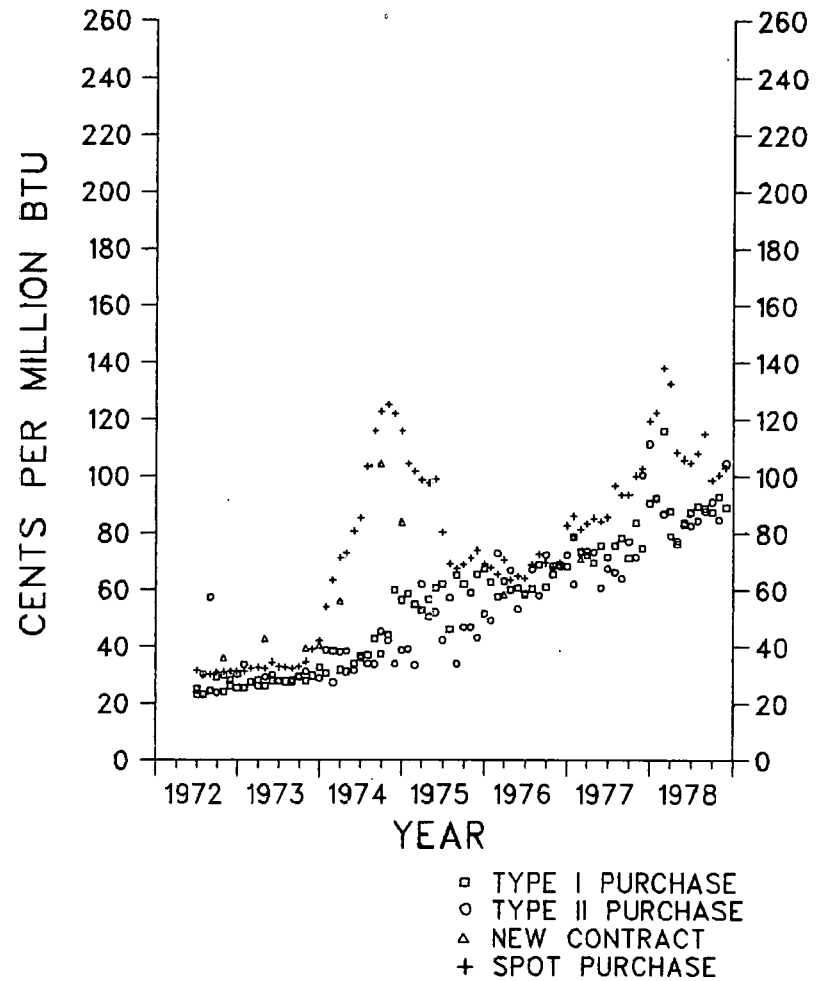


Figure 3.14.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN KENTUCKY

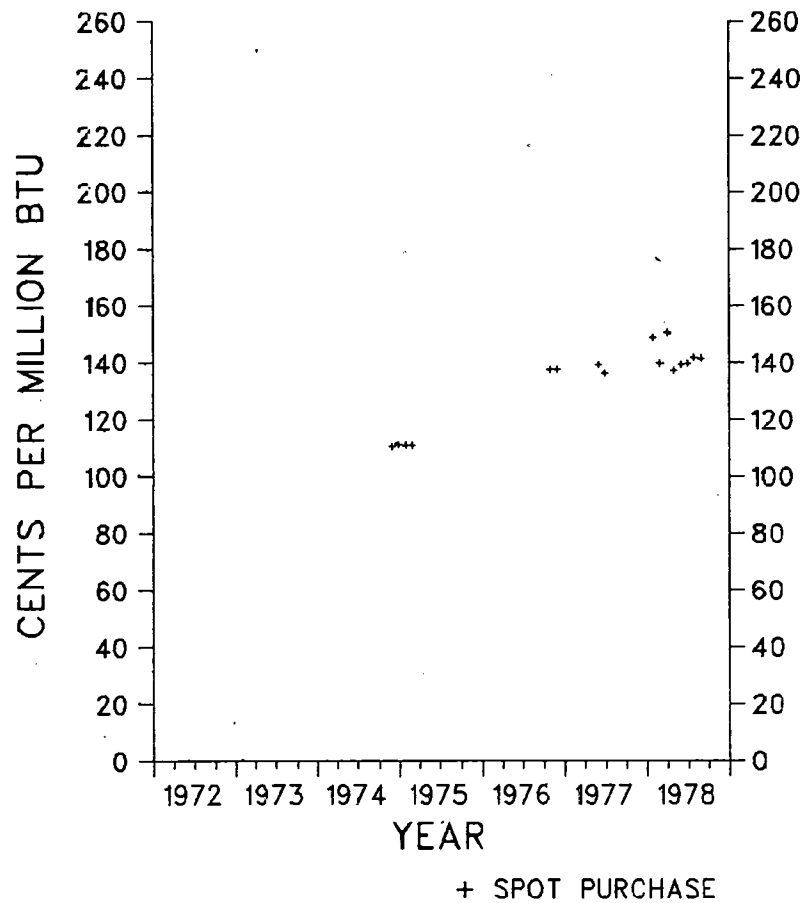


Figure 3.14.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES KENTUCKY

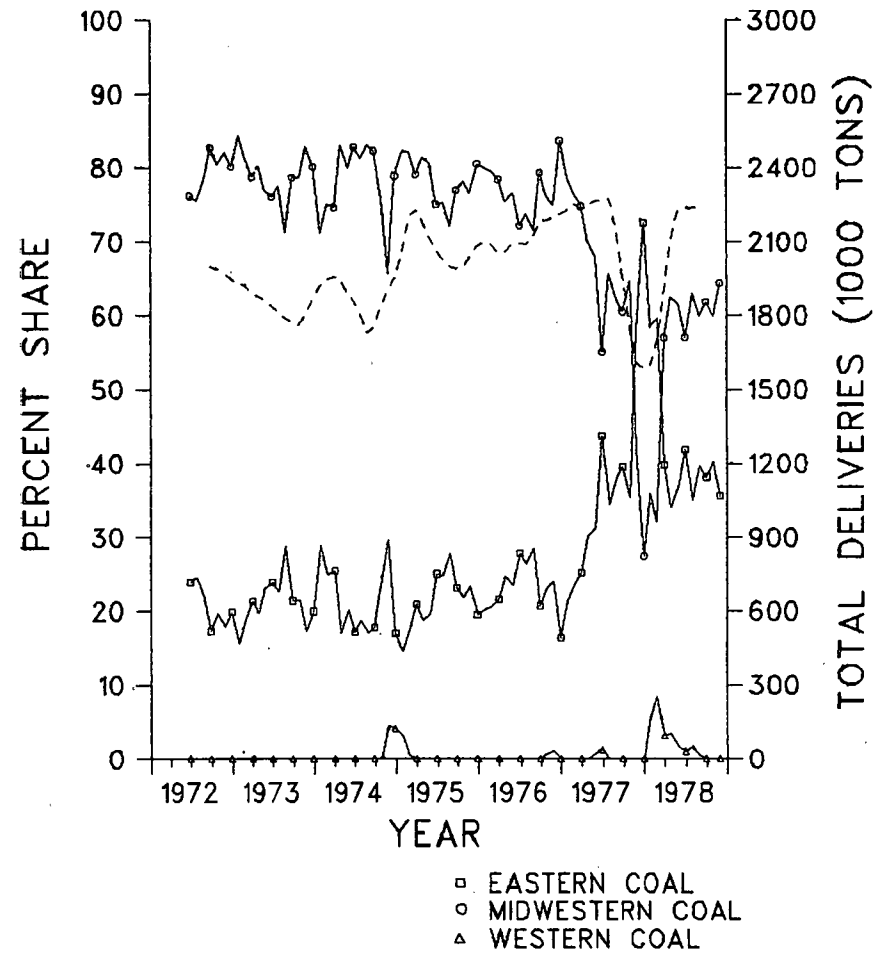


Figure 3.14.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MARYLAND
TYPE I PURCHASE

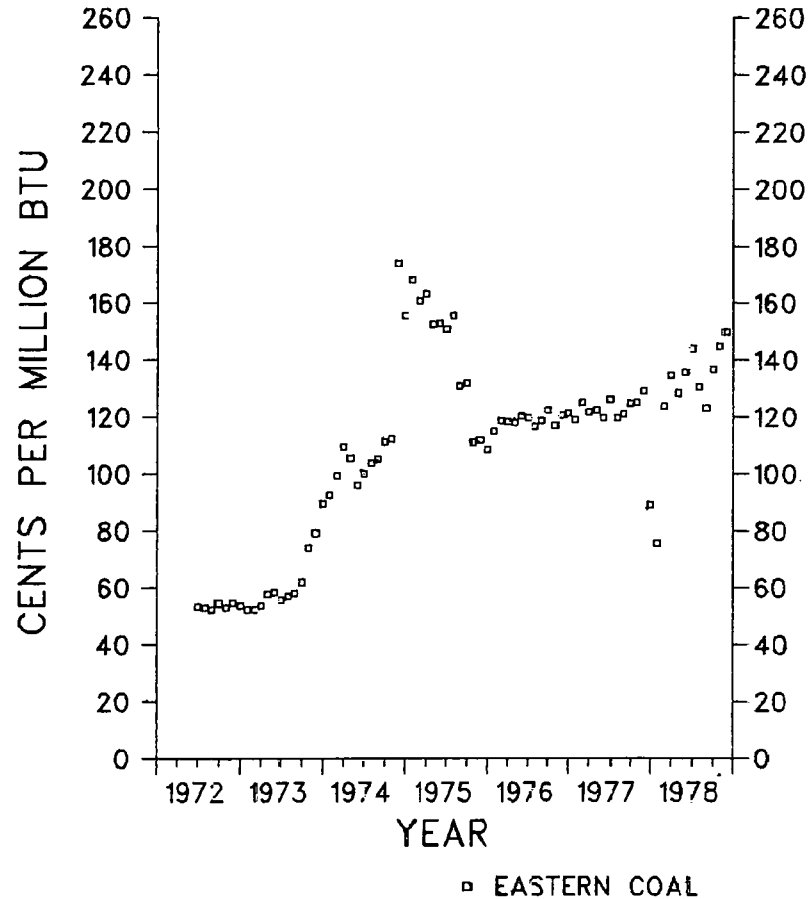


Figure 3.15.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MARYLAND
TYPE II PURCHASE

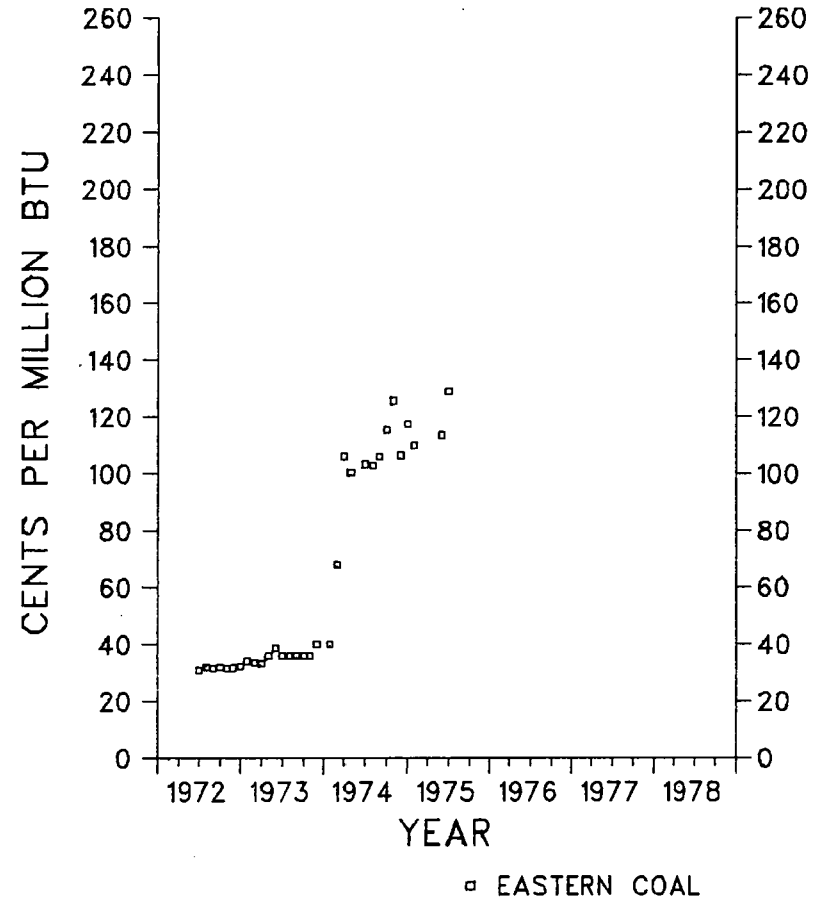


Figure 3.15.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MARYLAND
NEW CONTRACT

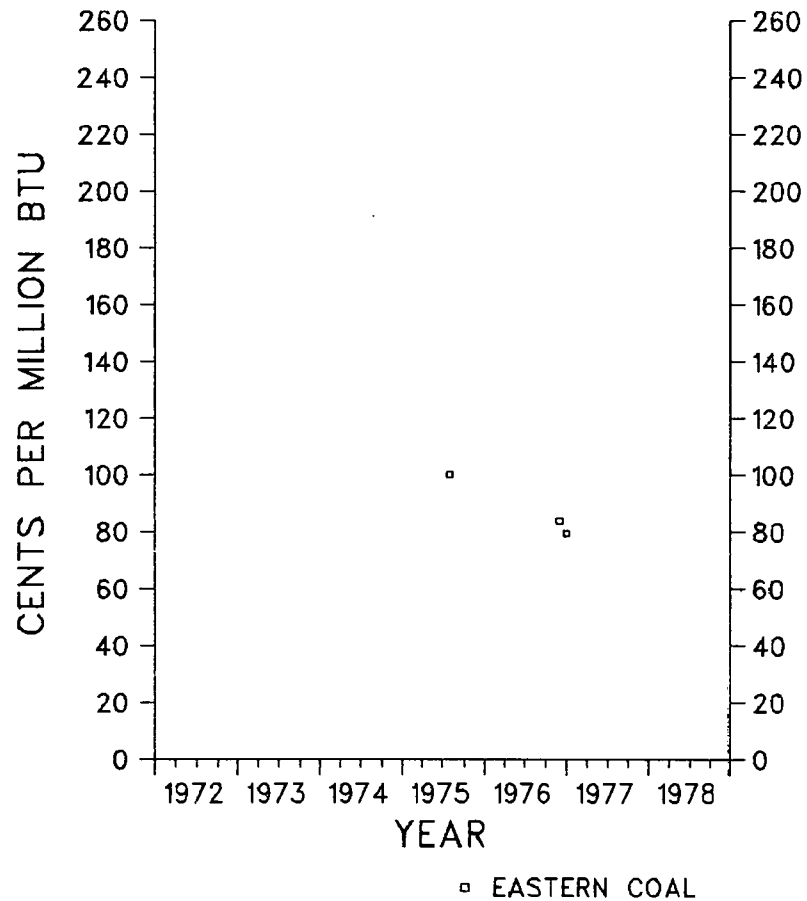


Figure 3.15.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MARYLAND
SPOT PURCHASE

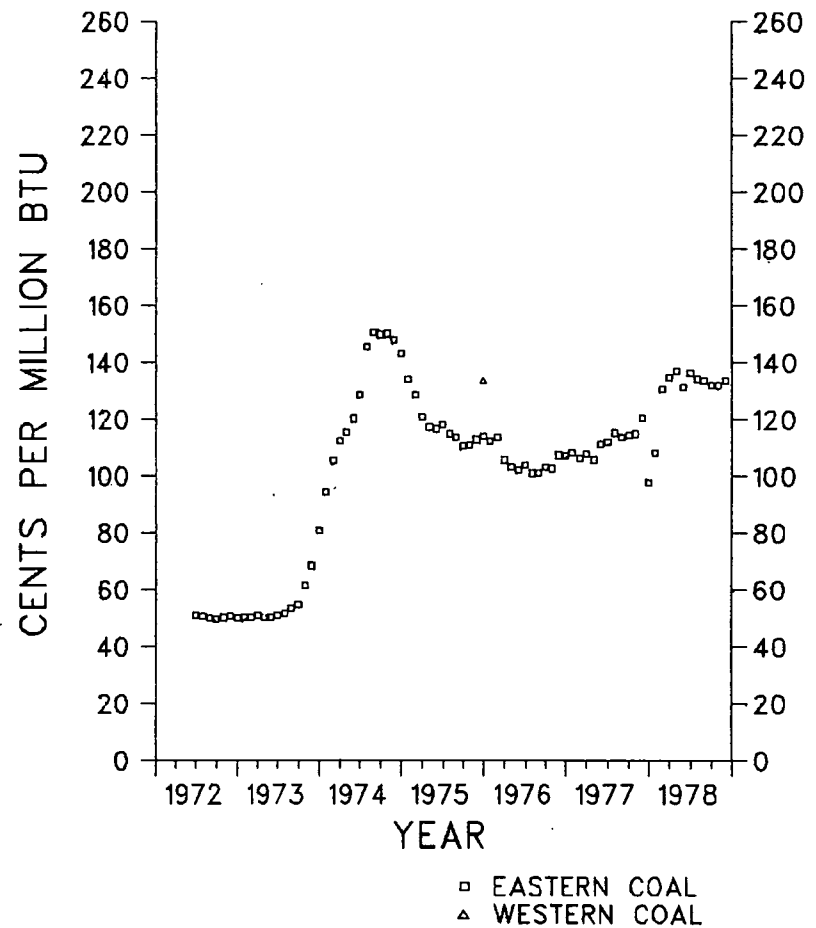


Figure 3.15.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN MARYLAND

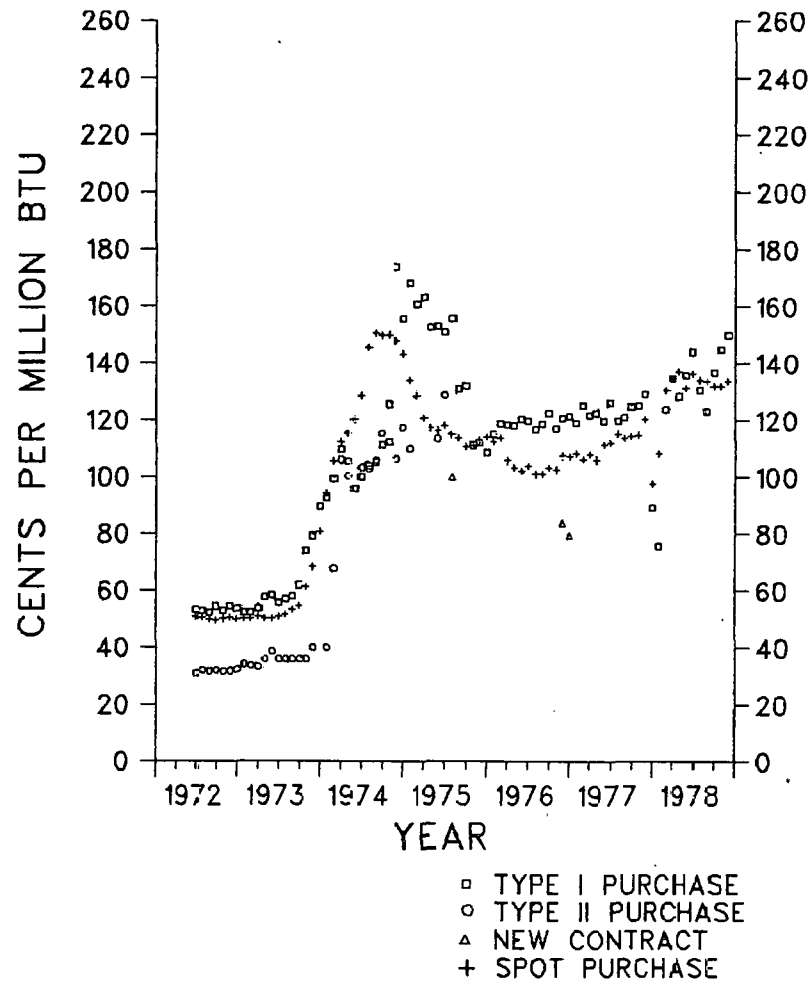


Figure 3.15.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN MARYLAND

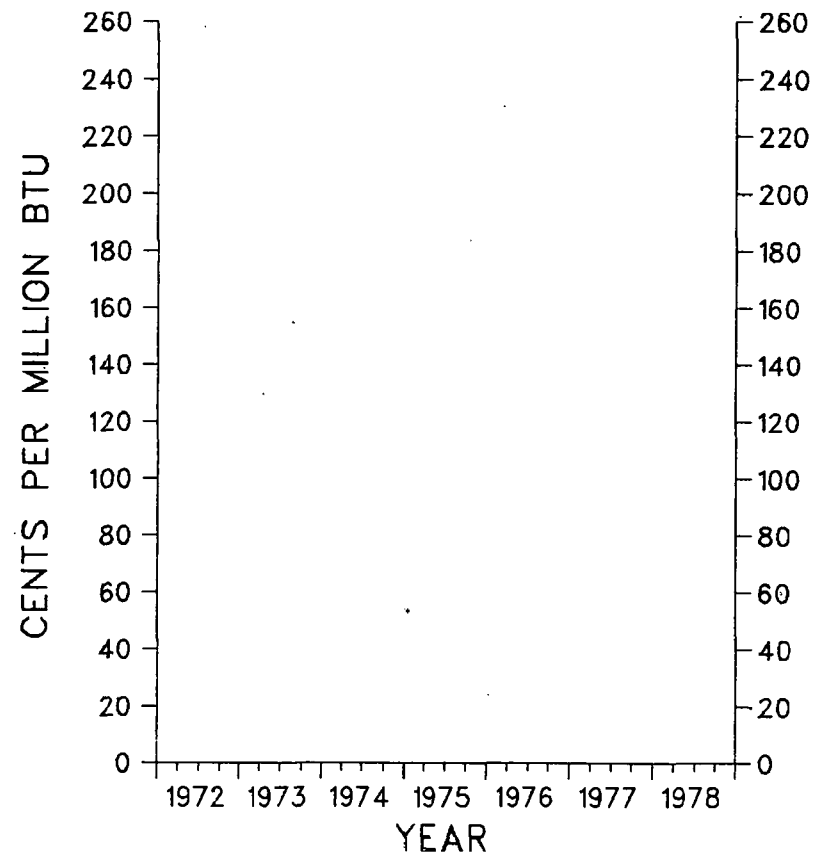


Figure 3.15.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN MARYLAND

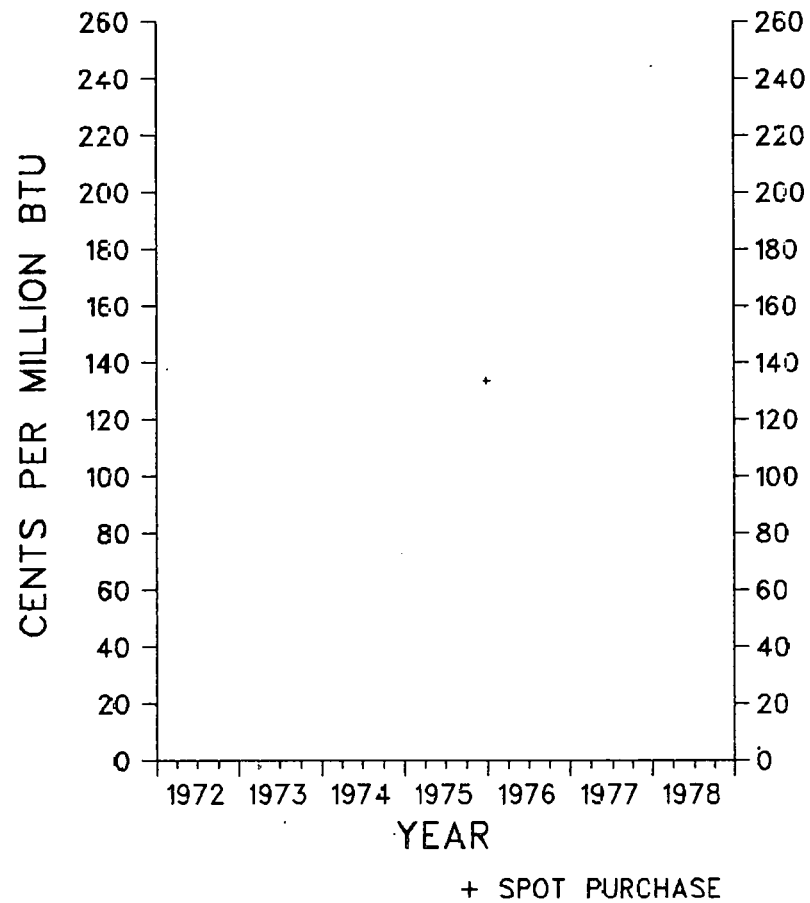


Figure 3.15.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES MARYLAND

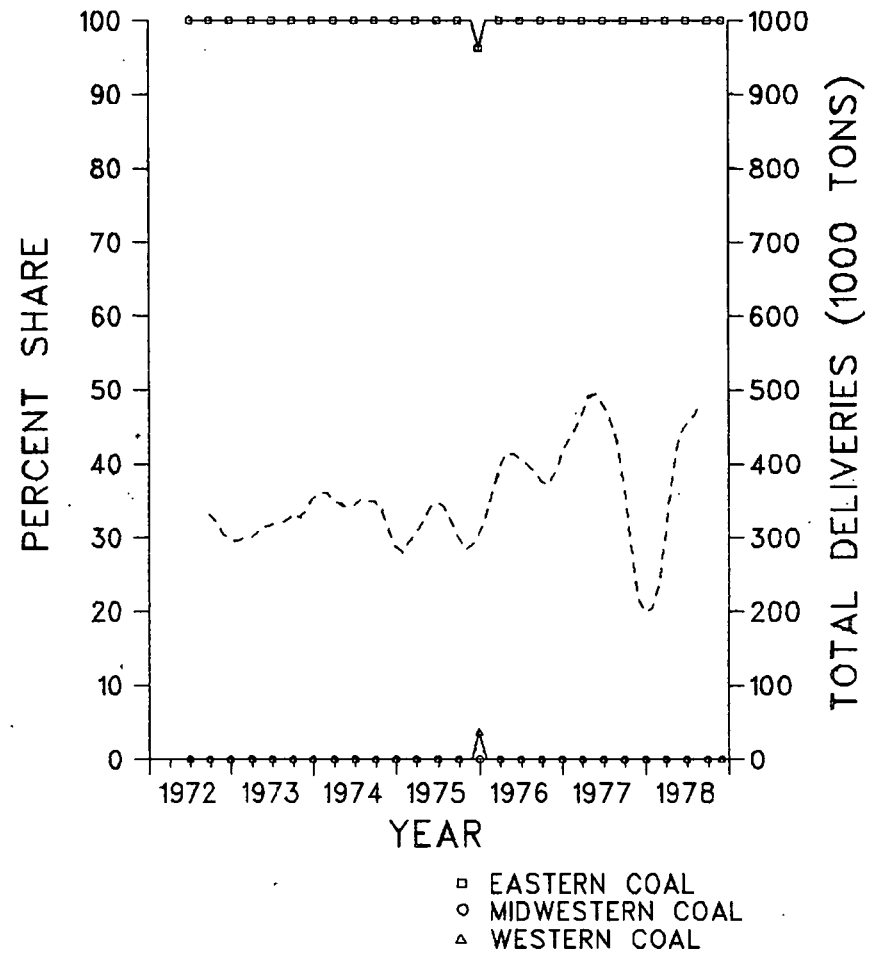


Figure 3.15.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MASSACHUSETTS
TYPE I PURCHASE

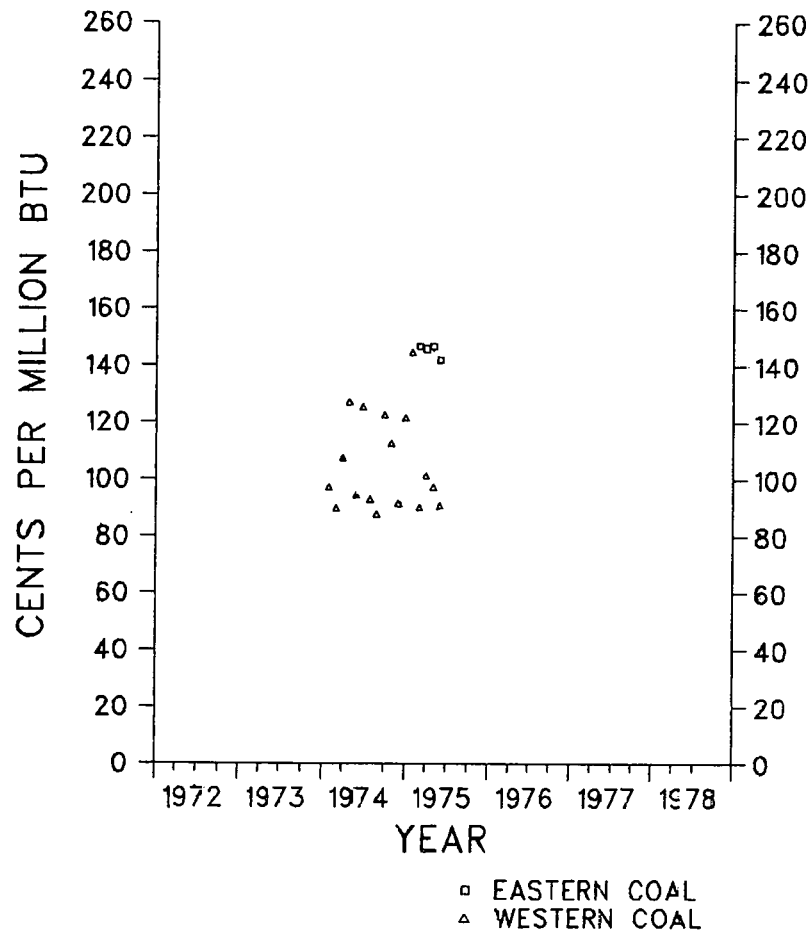


Figure 3.16.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MASSACHUSETTS
TYPE II PURCHASE

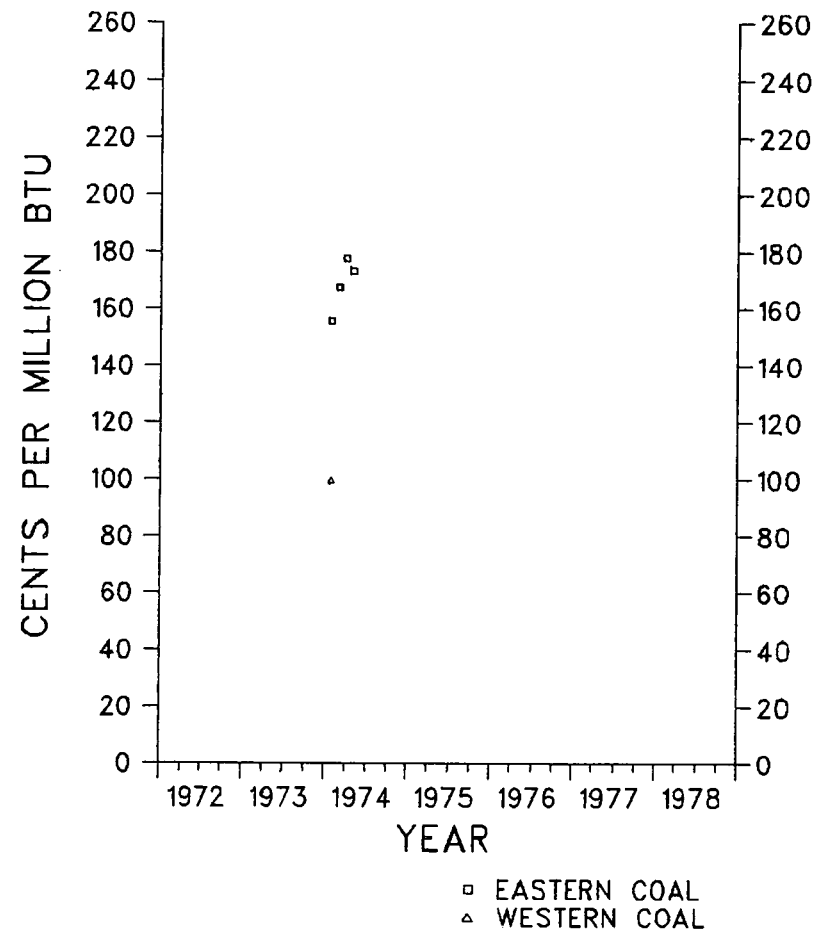


Figure 3.16.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MASSACHUSETTS
NEW CONTRACT

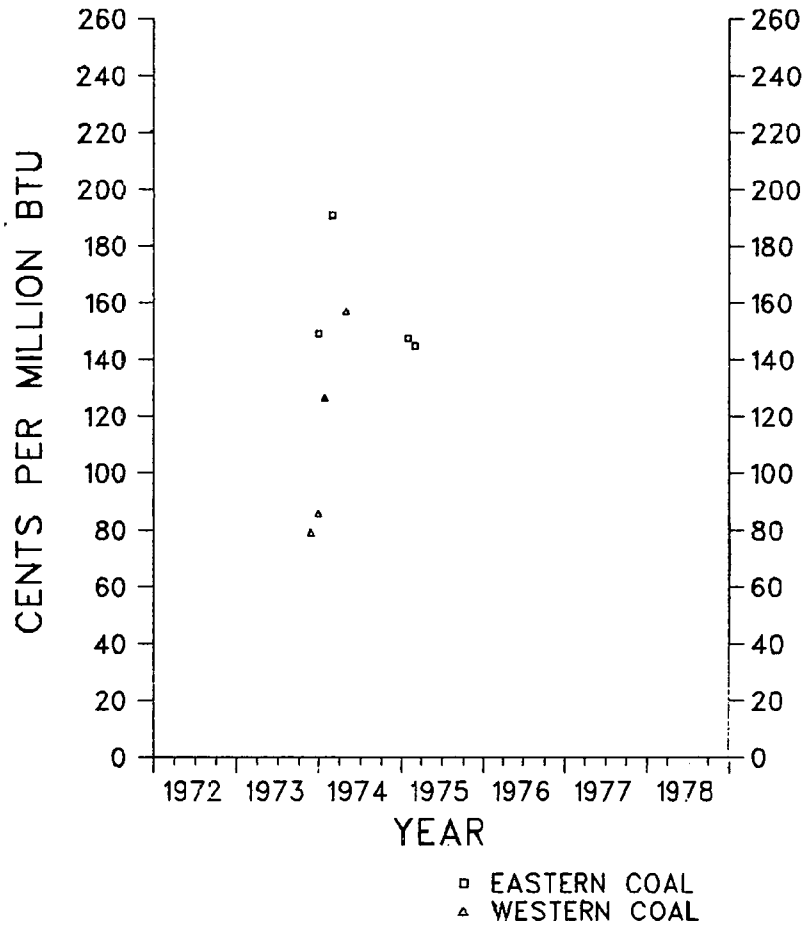


Figure 3.16.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MASSACHUSETTS
SPOT PURCHASE

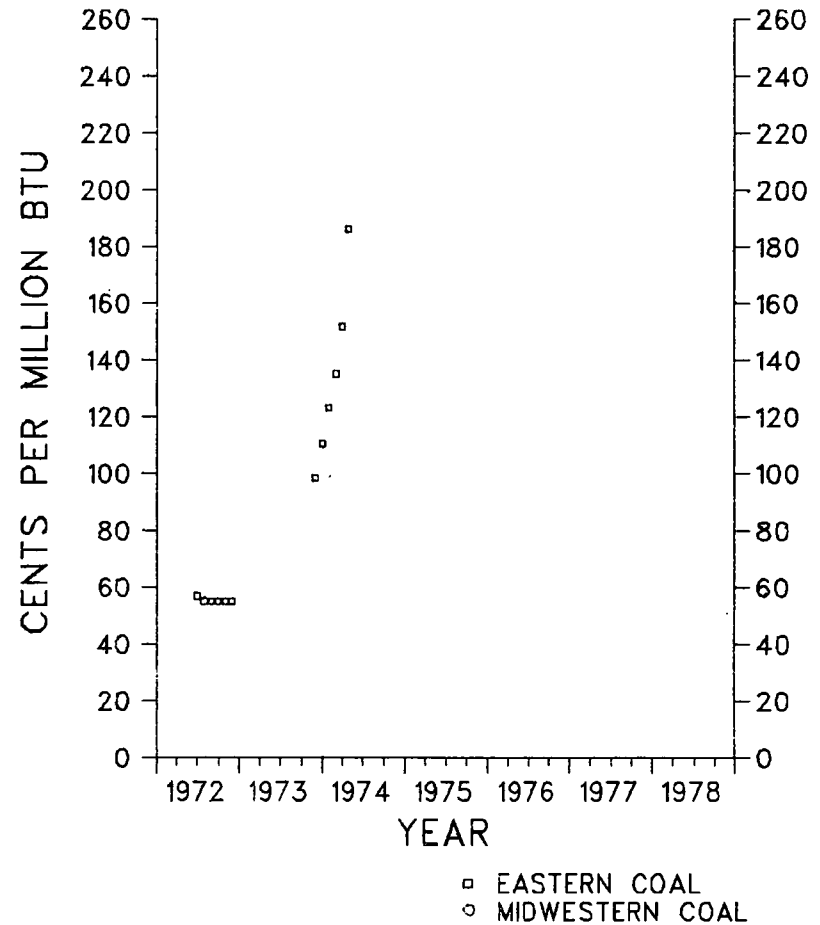


Figure 3.16.4

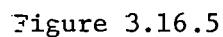
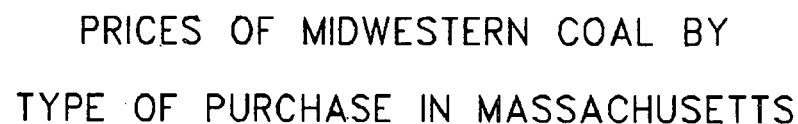


Figure 3.16.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN MASSACHUSETTS

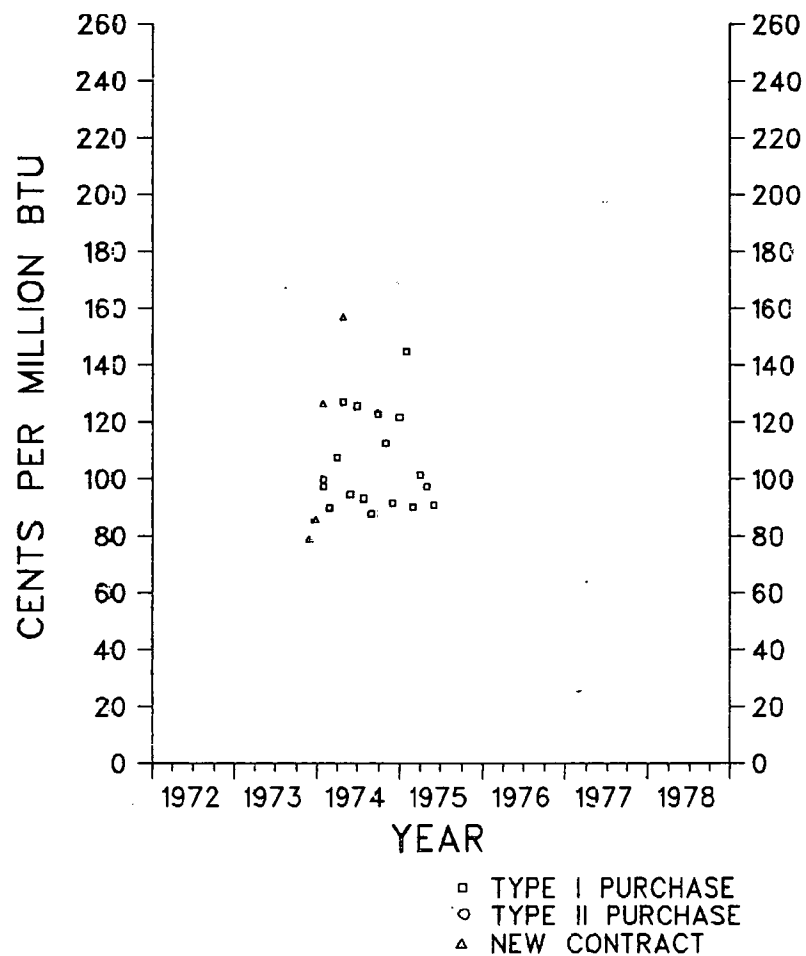


Figure 3.16.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES MASSACHUSETTS

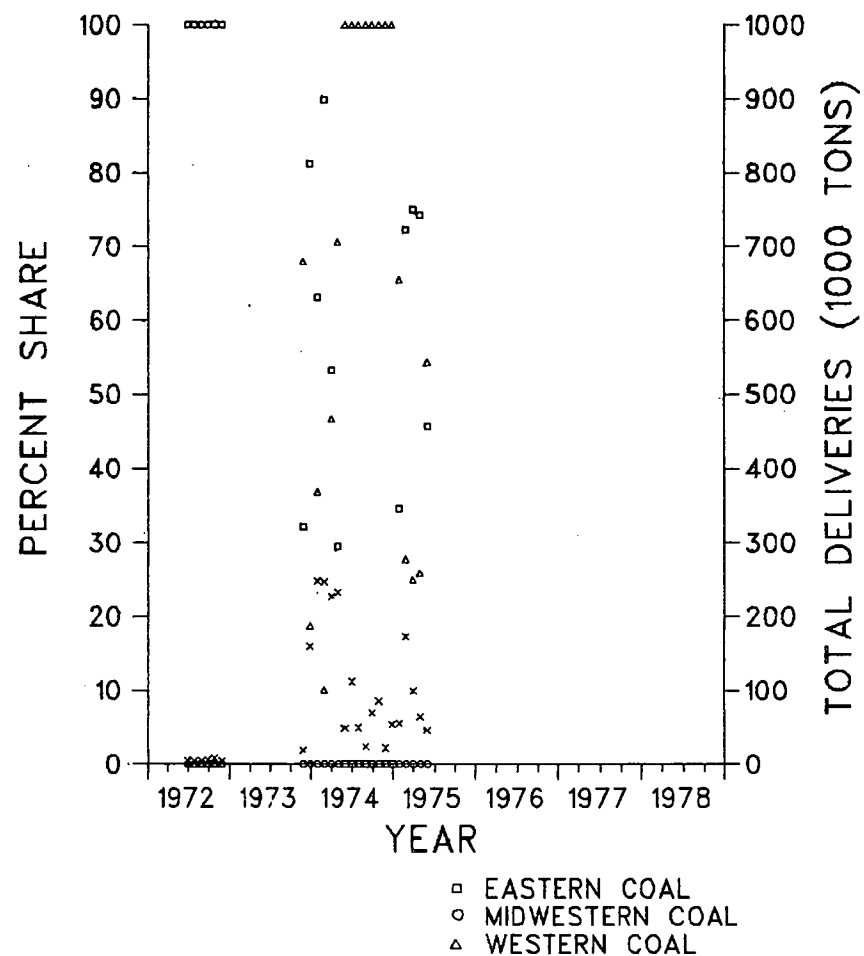


Figure 3.16.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MICHIGAN
TYPE I PURCHASE

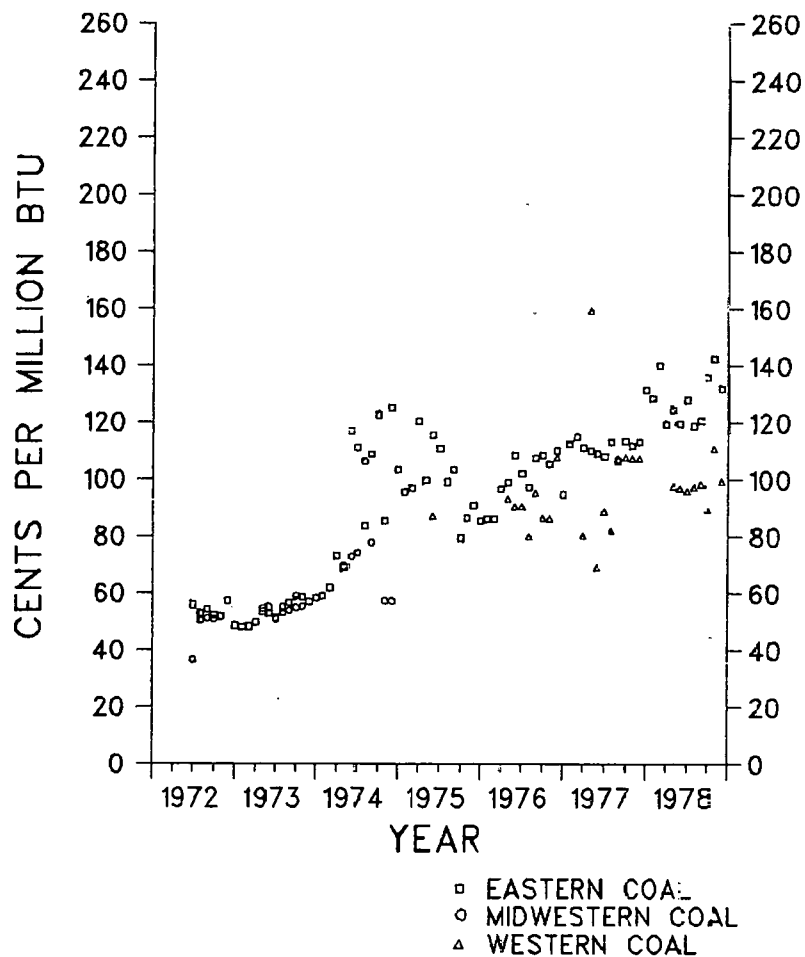


Figure 3.17.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MICHIGAN
TYPE II PURCHASE

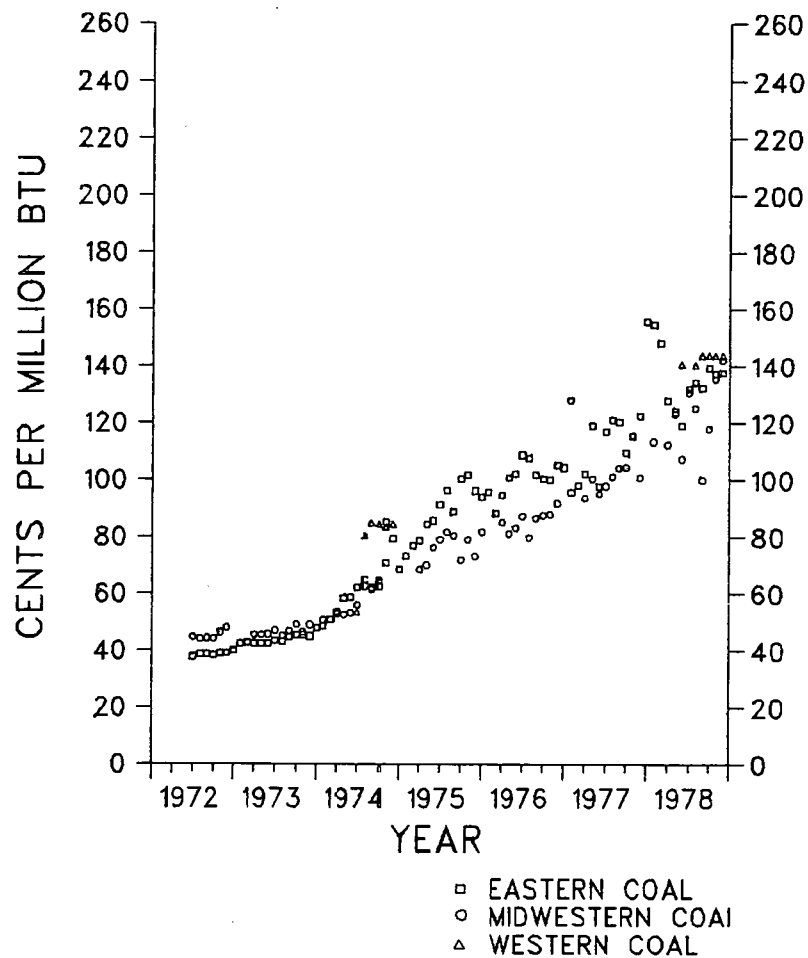


Figure 3.17.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MICHIGAN
NEW CONTRACT

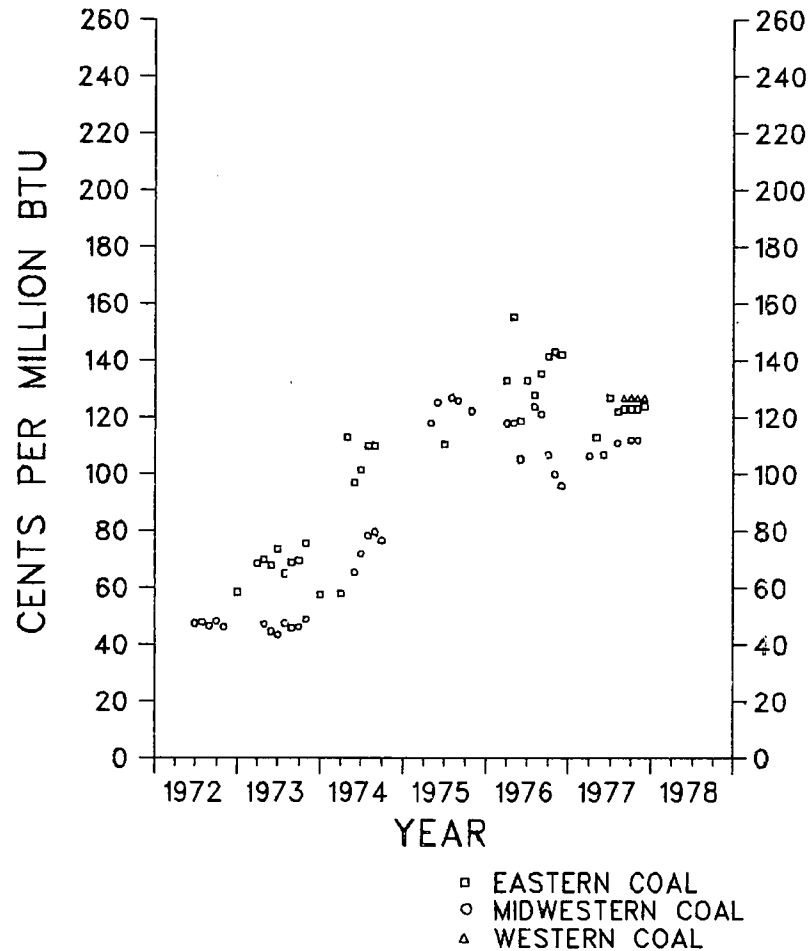


Figure 3.17.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MICHIGAN
SPOT PURCHASE

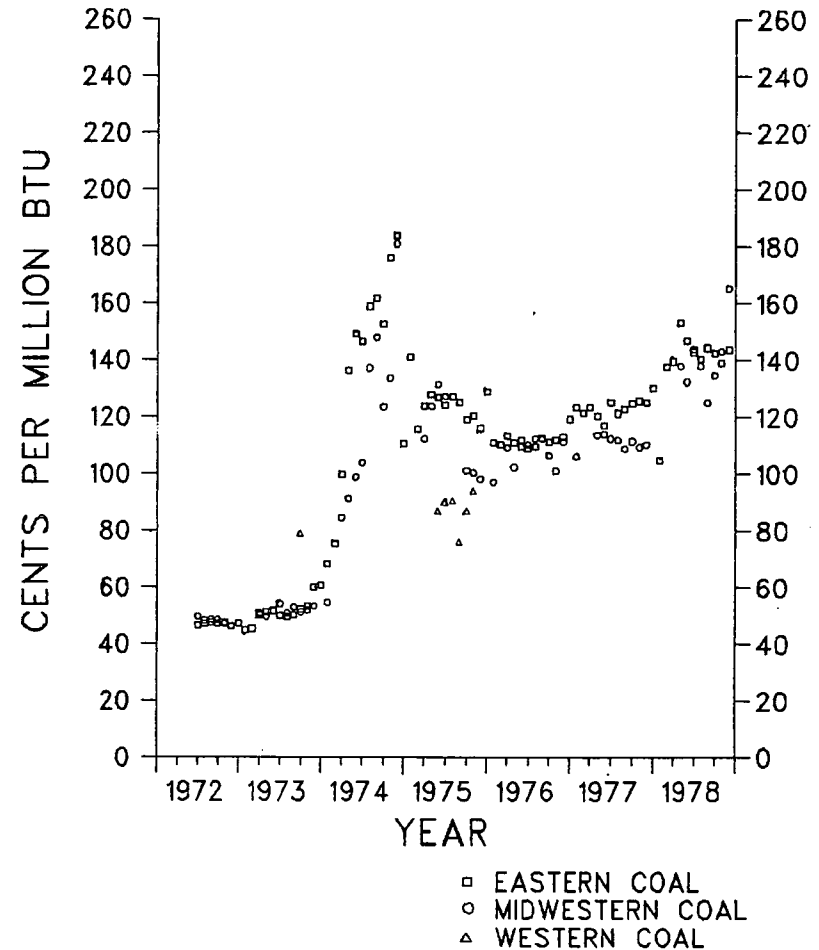


Figure 3.17.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN MICHIGAN

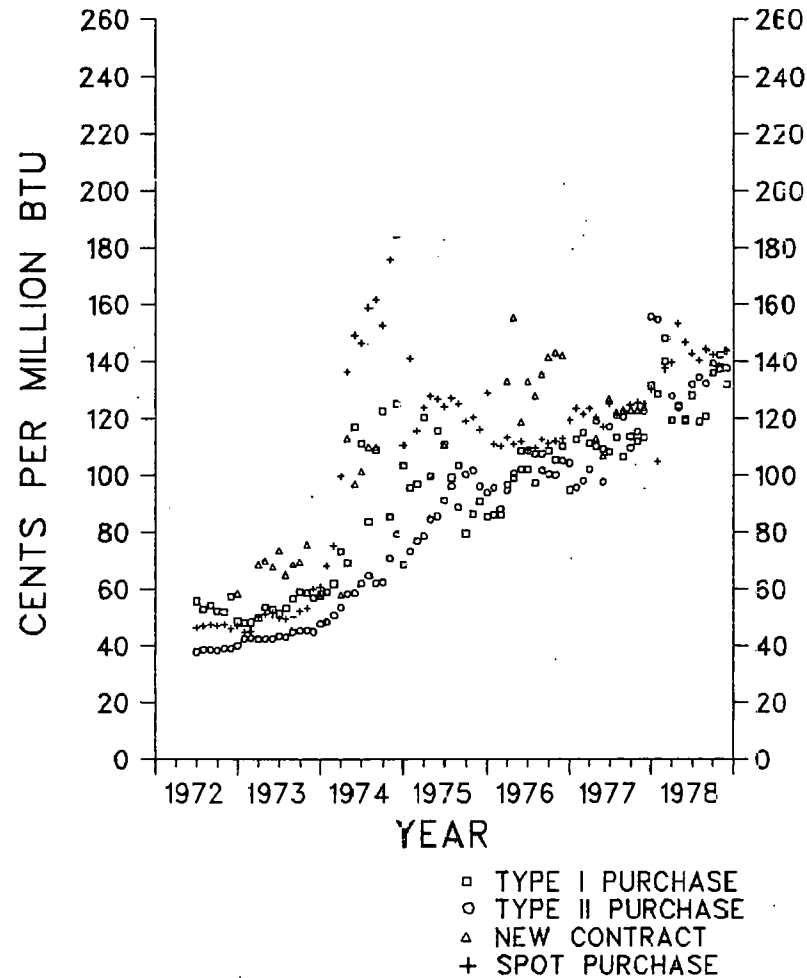


Figure 3.17.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN MICHIGAN

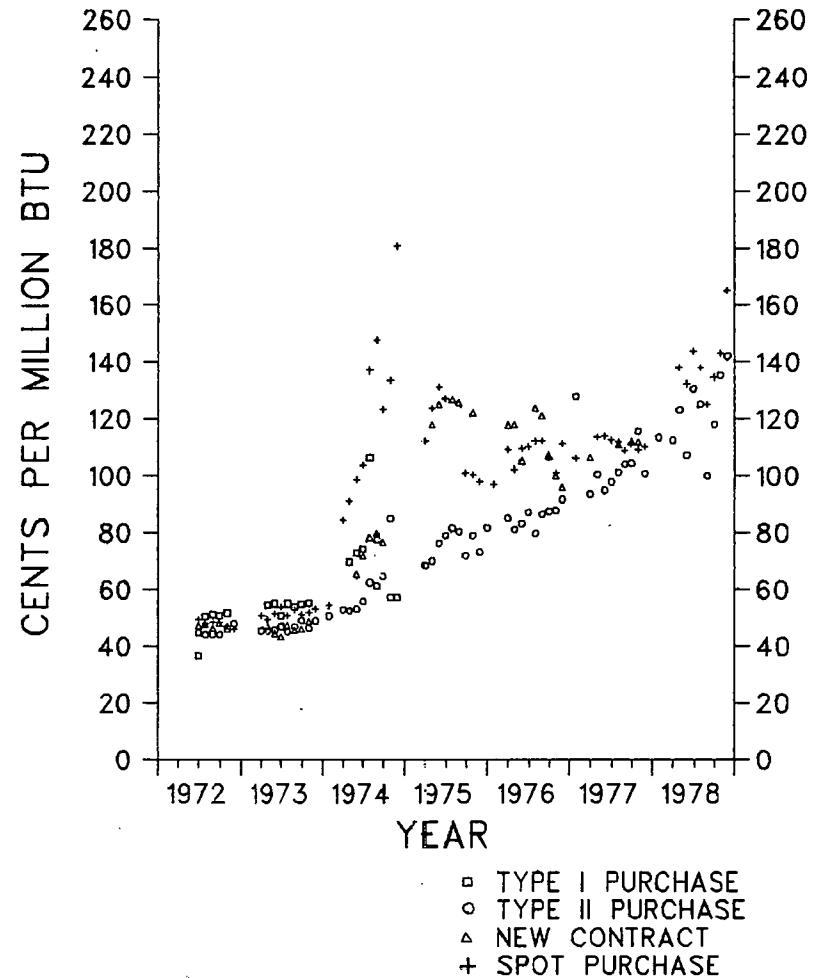


Figure 3.17.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN MICHIGAN

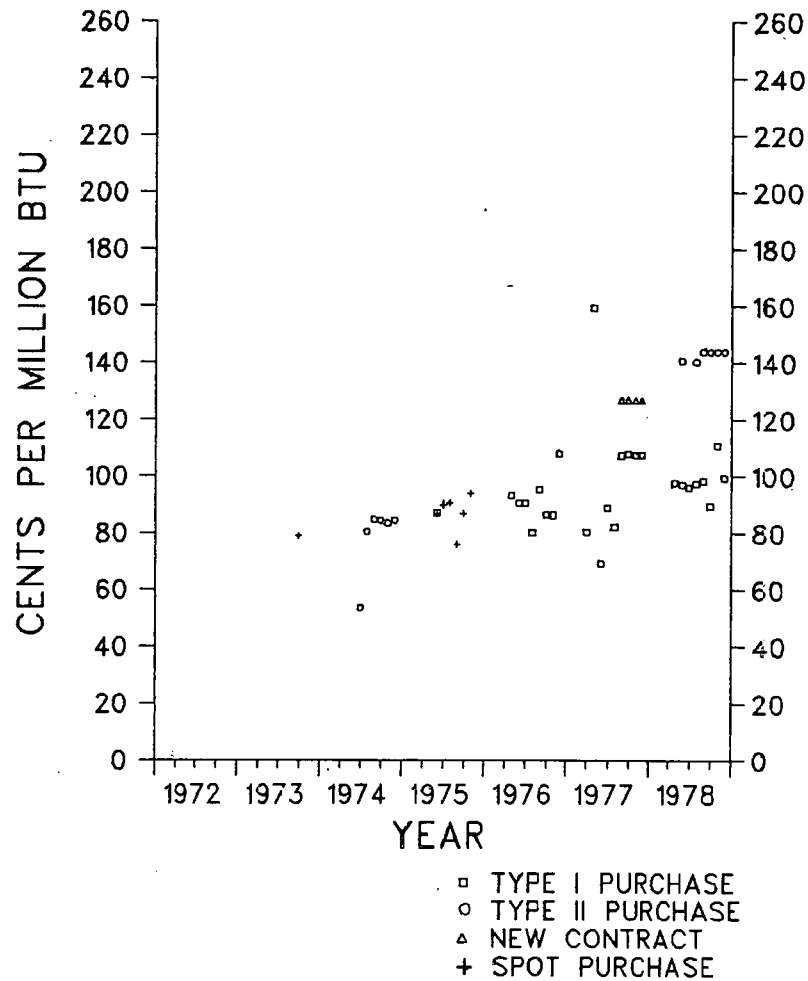


Figure 3.17.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES MICHIGAN

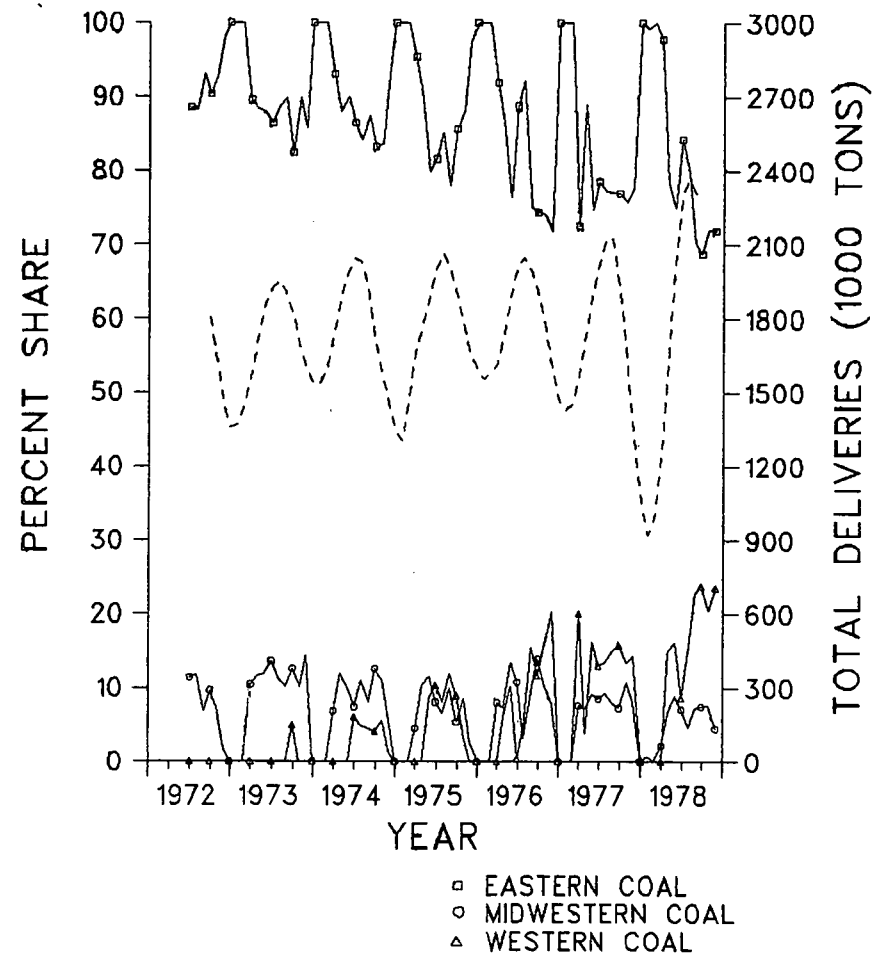


Figure 3.17.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MINNESOTA
TYPE I PURCHASE

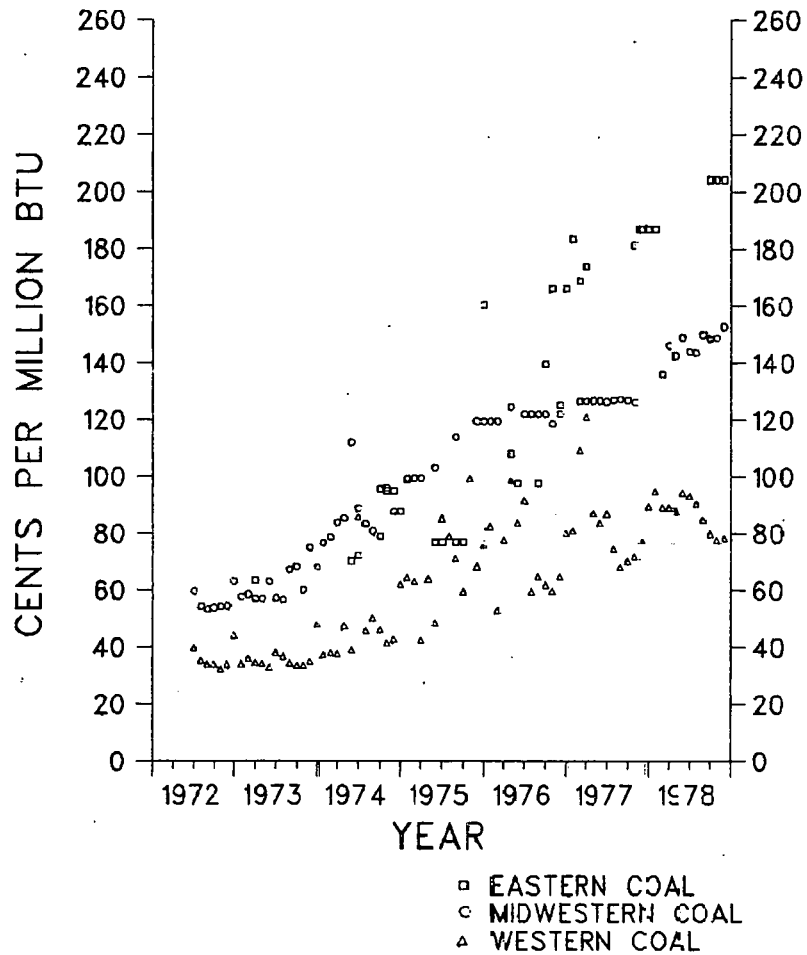


Figure 3.18.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MINNESOTA
TYPE II PURCHASE

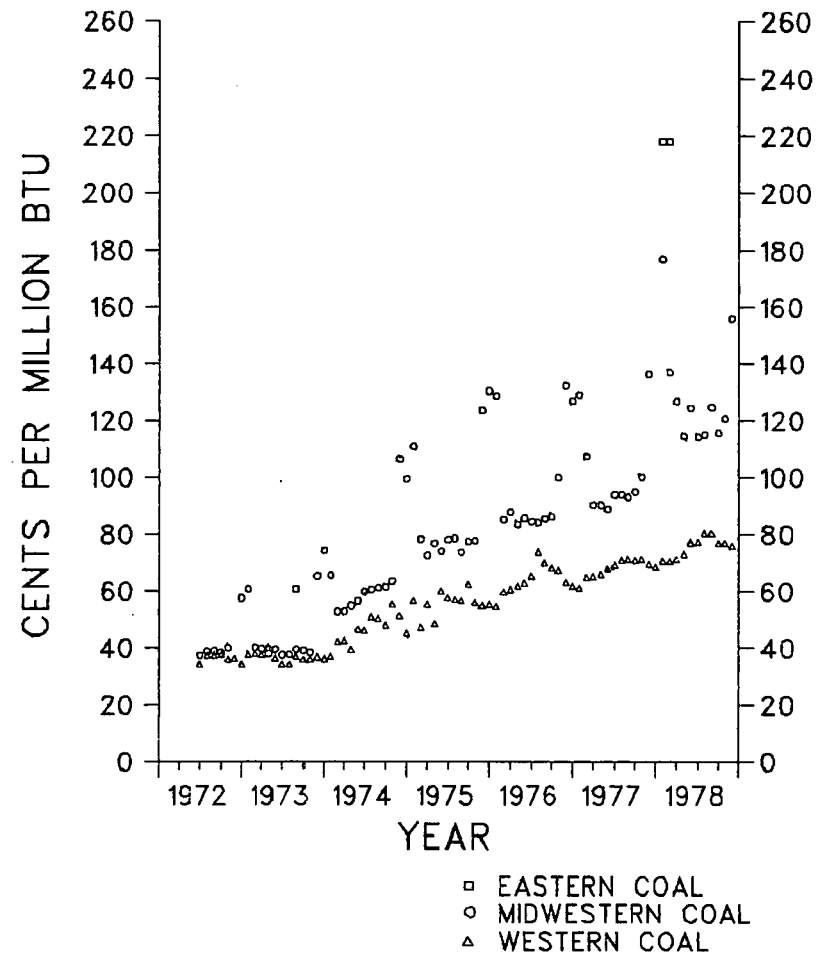


Figure 3.18.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MINNESOTA
NEW CONTRACT

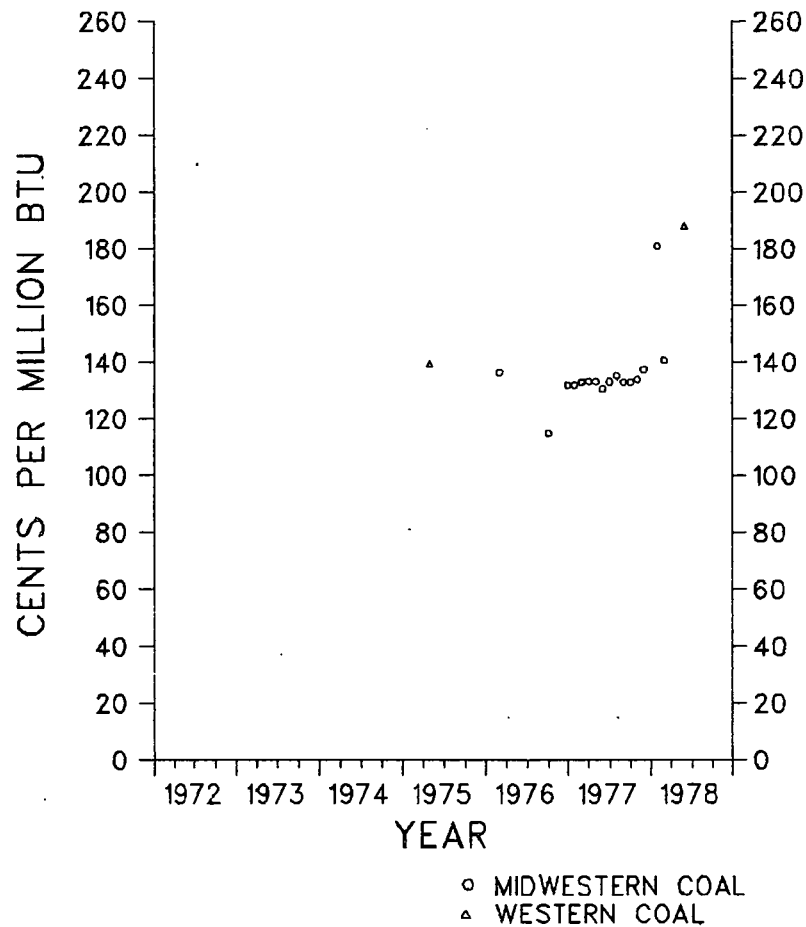


Figure 3.18.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MINNESOTA
SPOT PURCHASE

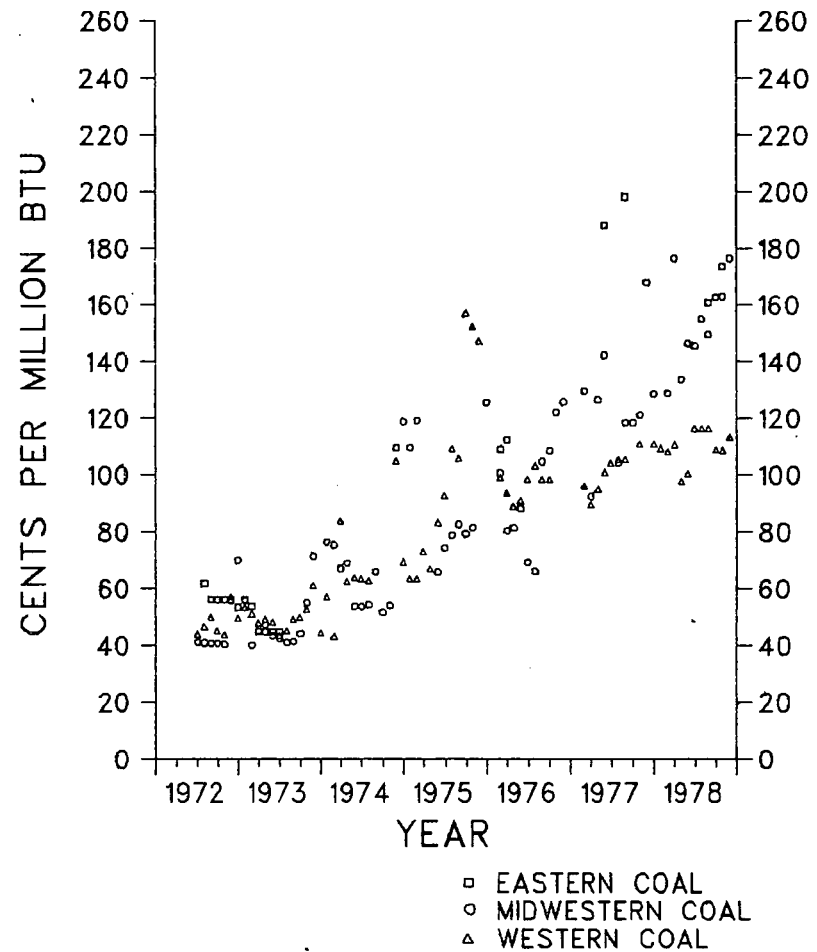


Figure 3.18.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN MINNESOTA

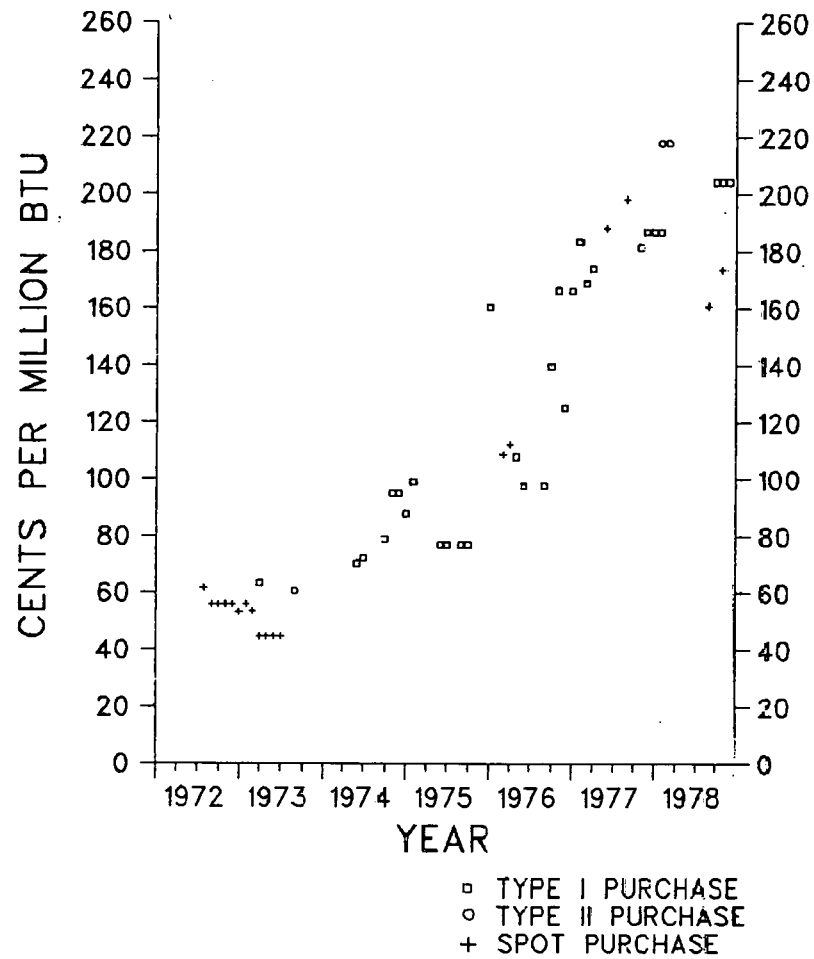


Figure 3.18.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN MINNESOTA

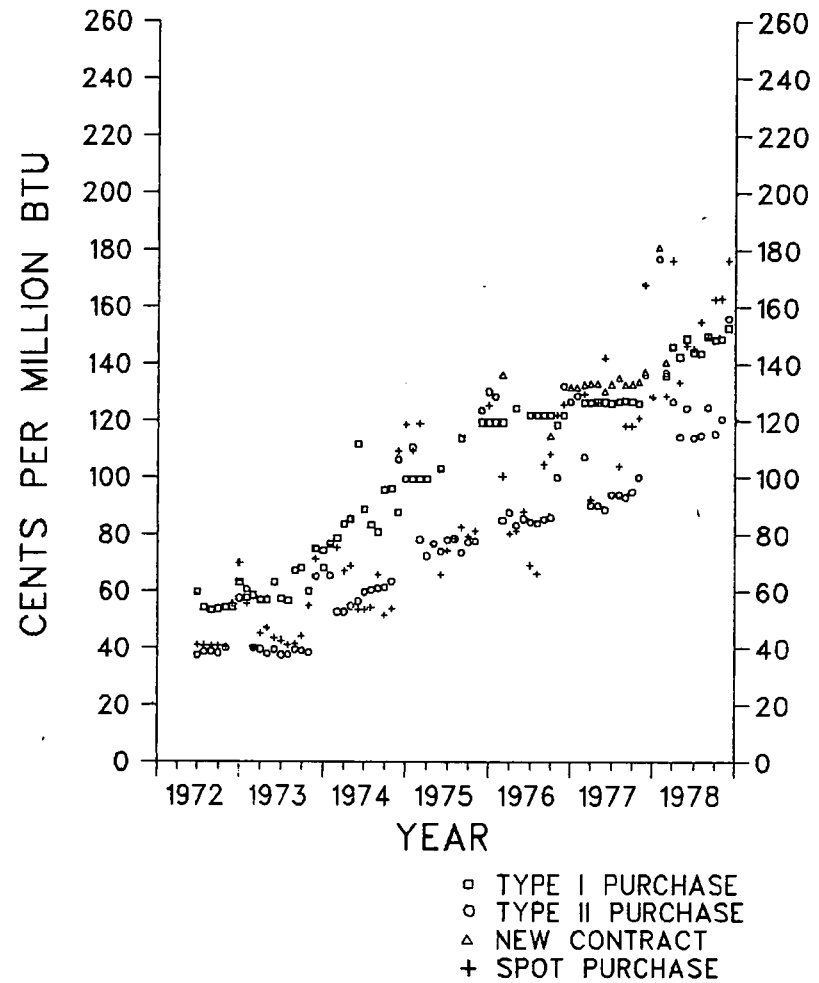


Figure 3:18.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN MINNESOTA

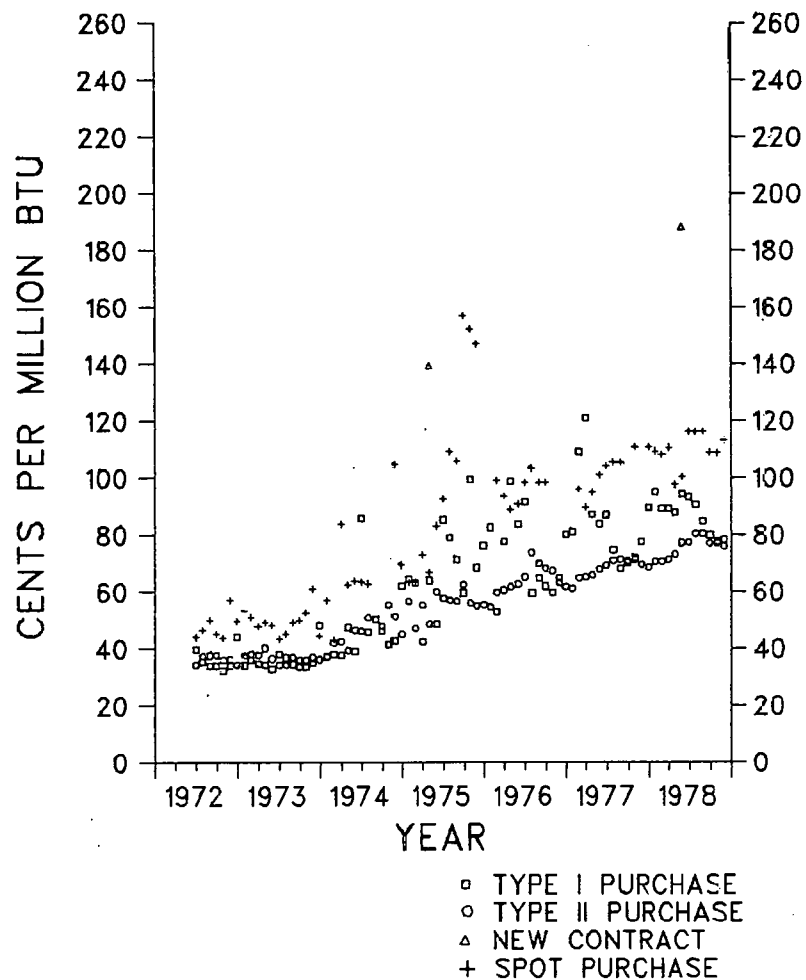


Figure 3.18.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES MINNESOTA

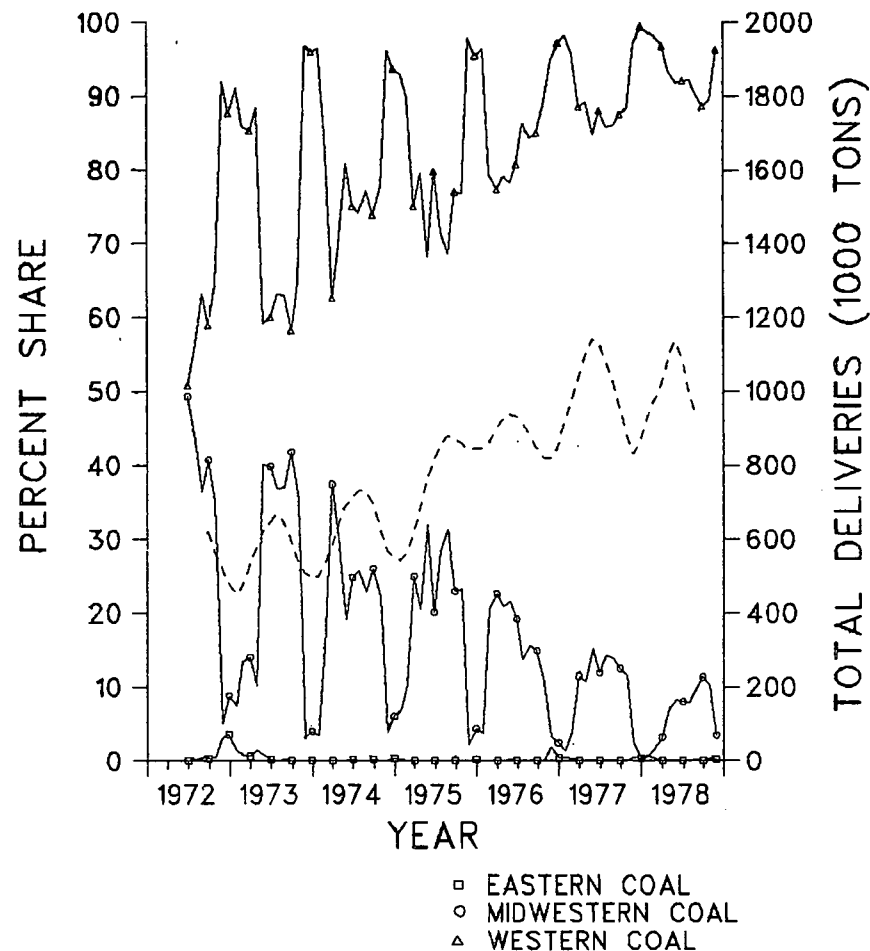


Figure 3.18.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MISSISSIPPI
TYPE I PURCHASE

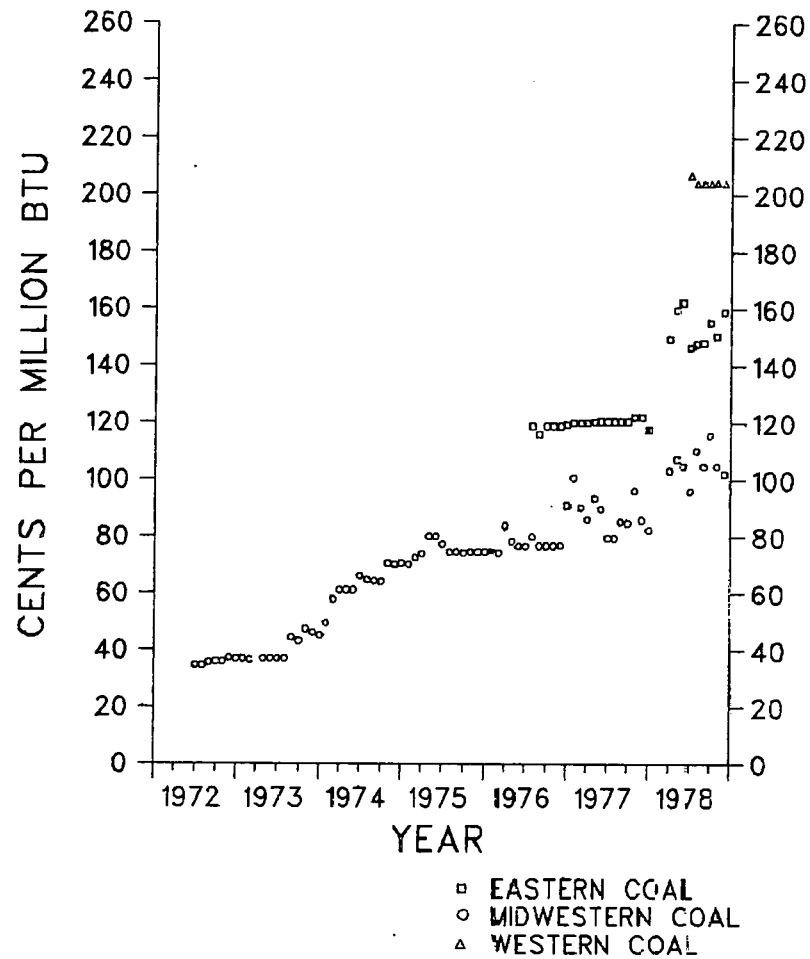


Figure 3.19.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MISSISSIPPI
TYPE II PURCHASE

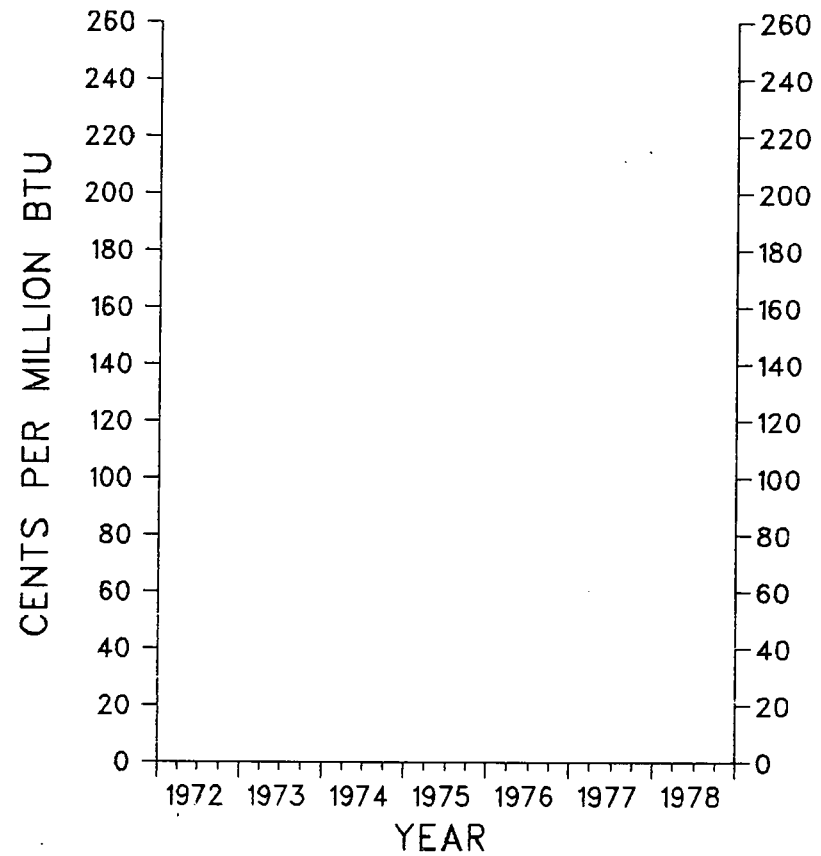


Figure 3.19.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MISSISSIPPI
NEW CONTRACT

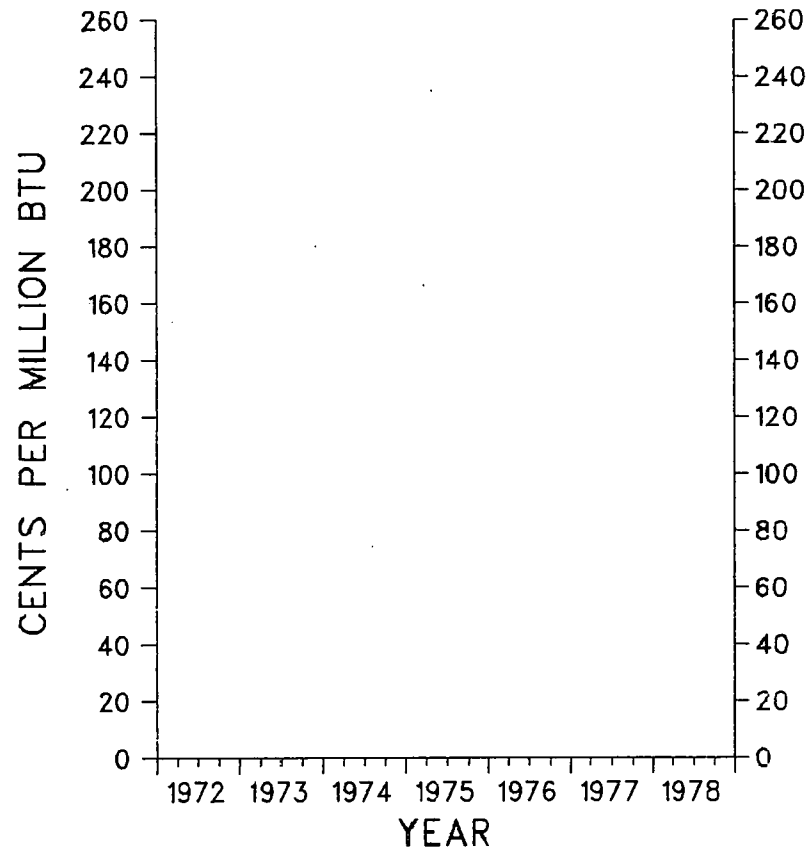


Figure 3.19.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MISSISSIPPI
SPOT PURCHASE

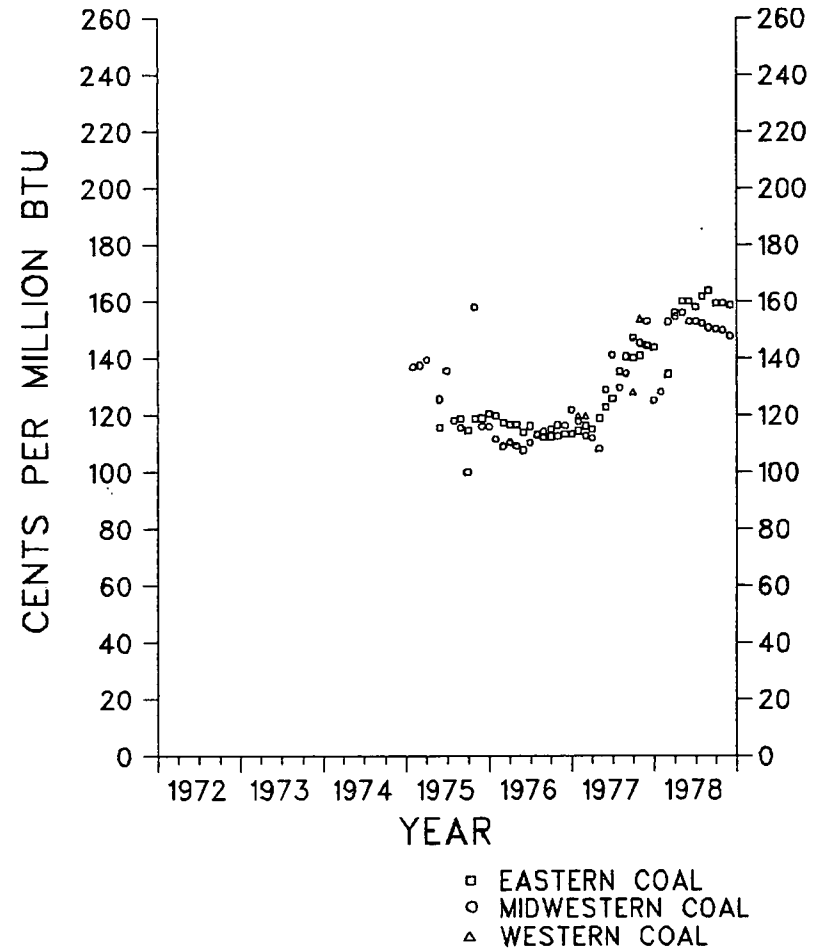


Figure 3.19.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN MISSISSIPPI

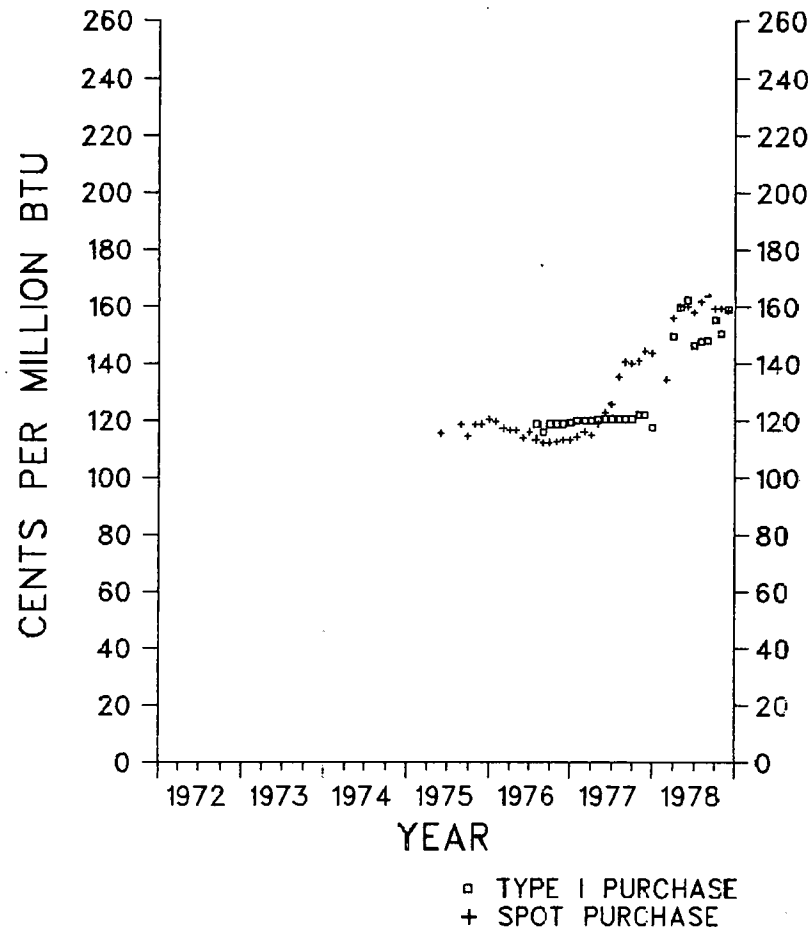


Figure 3.19.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN MISSISSIPPI

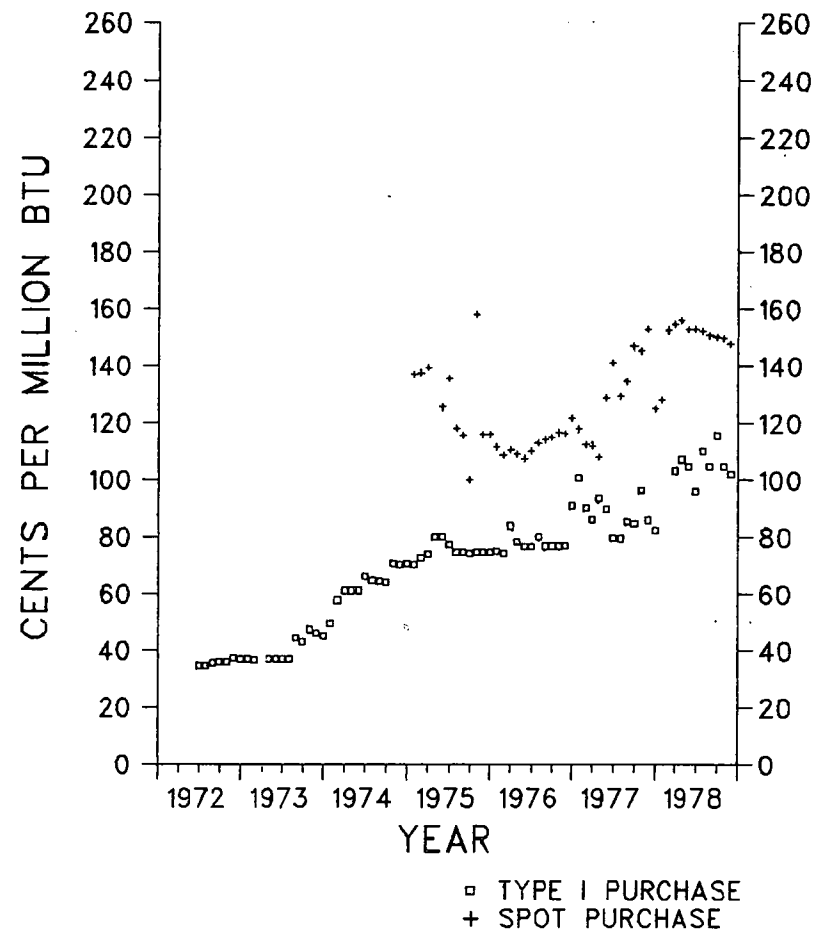


Figure 3.19.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN MISSISSIPPI

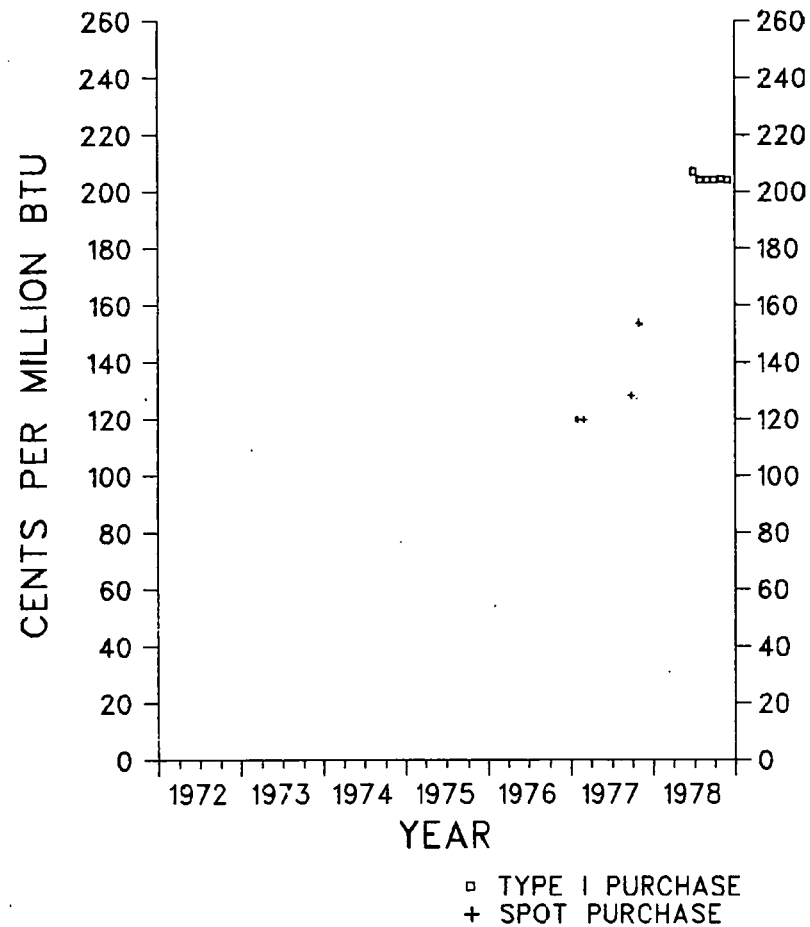


Figure 3.19.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES MISSISSIPPI

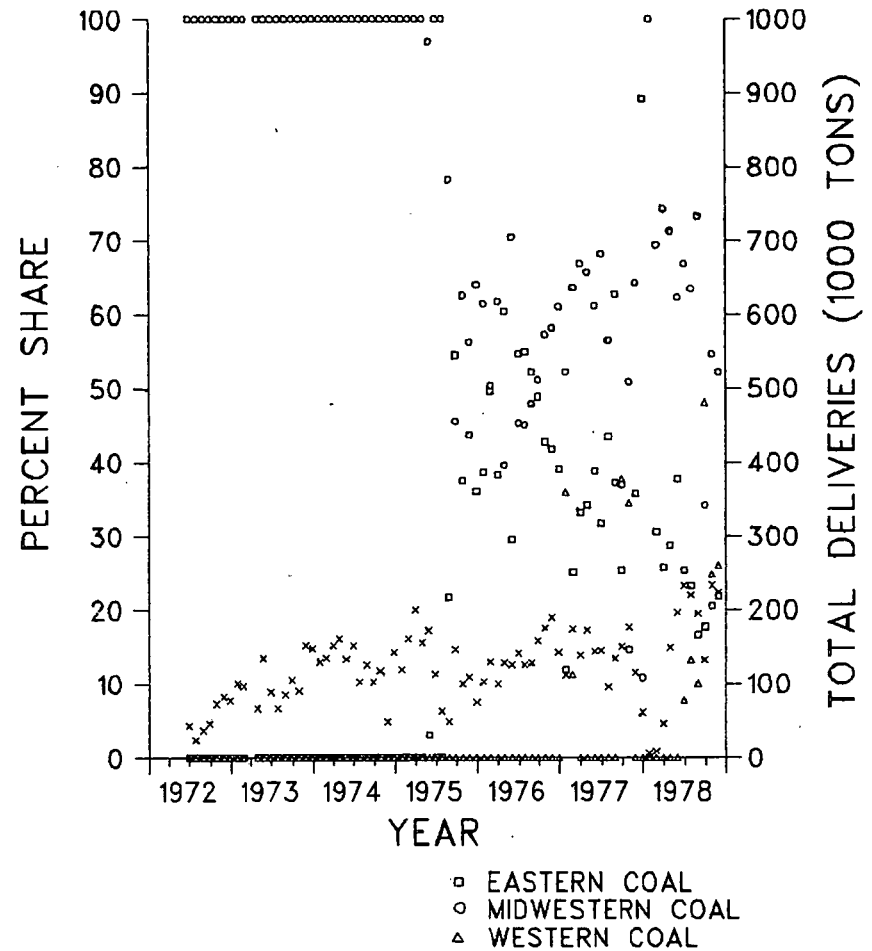


Figure 3.19.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MISSOURI
TYPE I PURCHASE

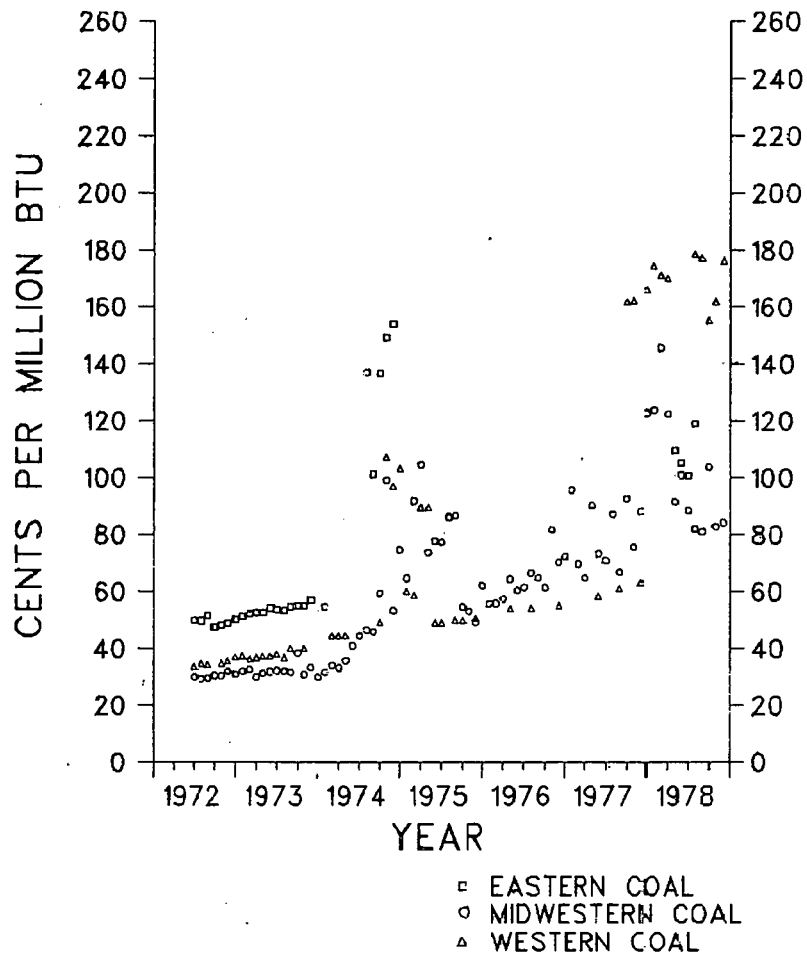


Figure 3.20.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MISSOURI
TYPE II PURCHASE

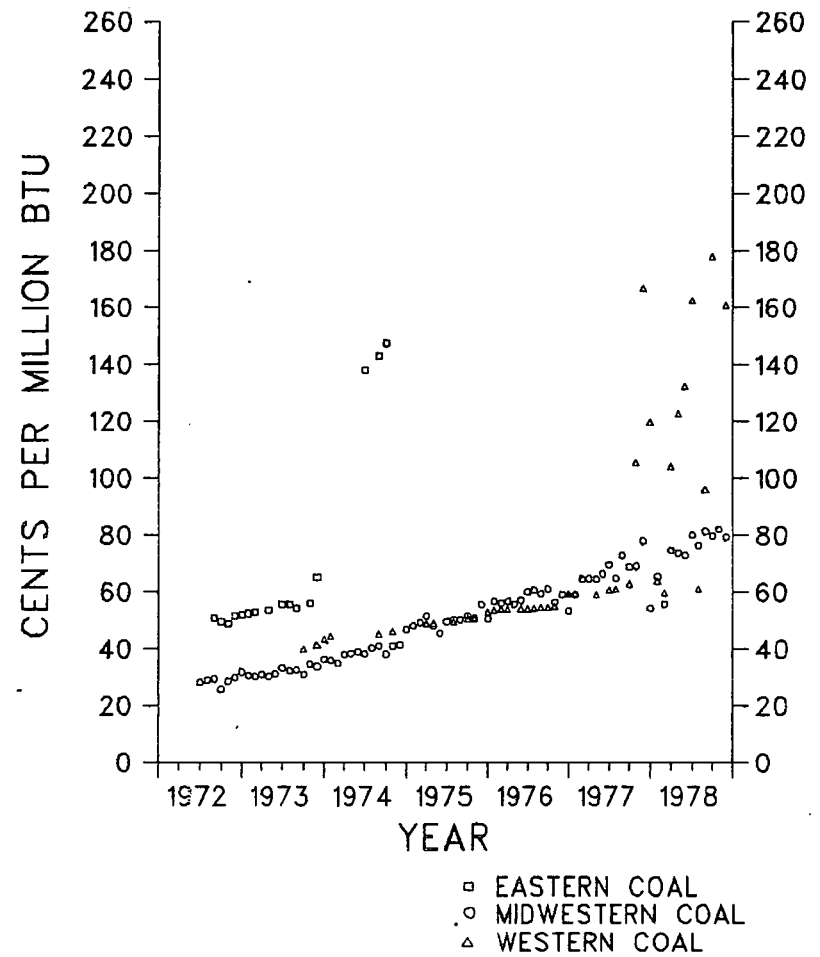


Figure 3.20.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MISSOURI
NEW CONTRACT

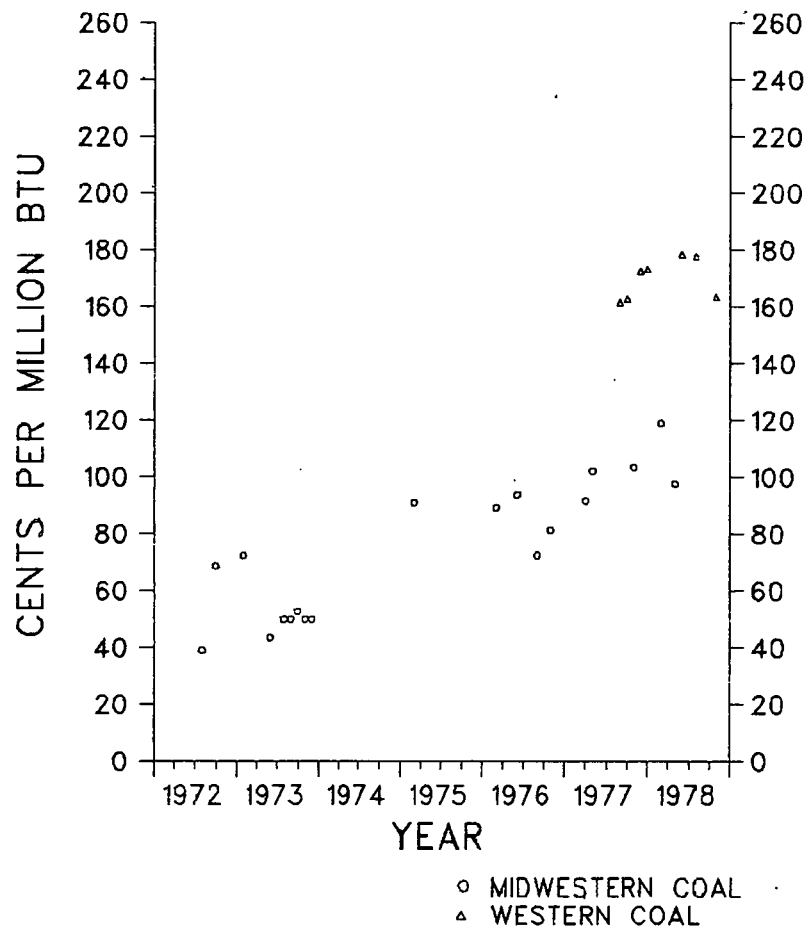


Figure 3.20.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MISSOURI
SPOT PURCHASE

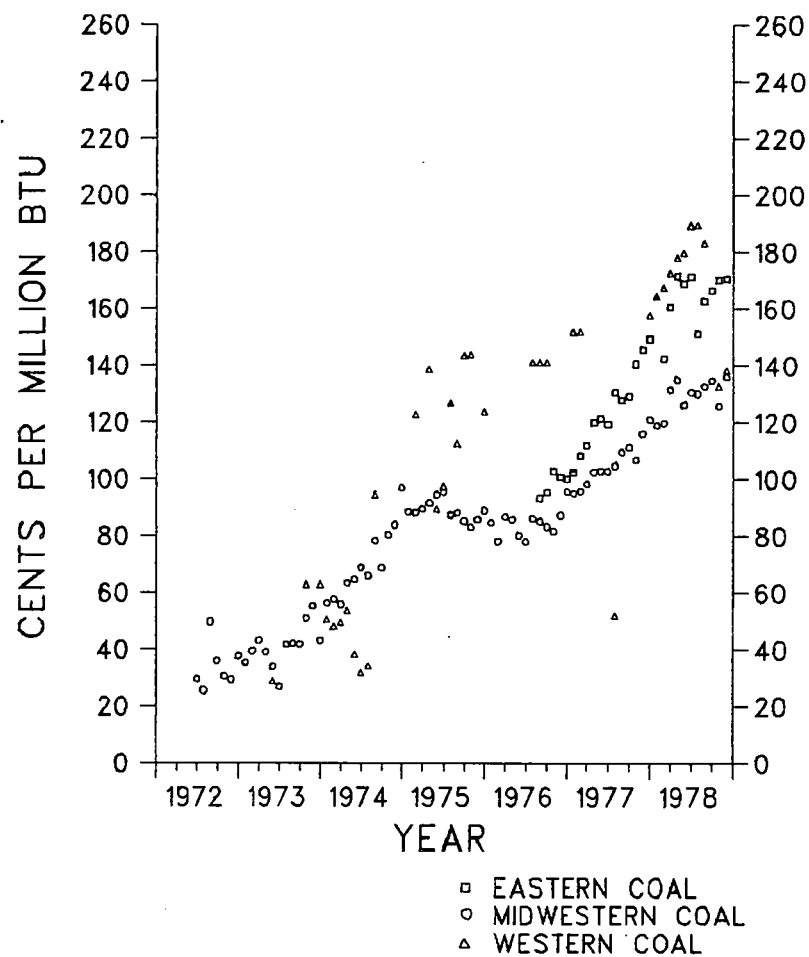


Figure 3.20.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN MISSOURI

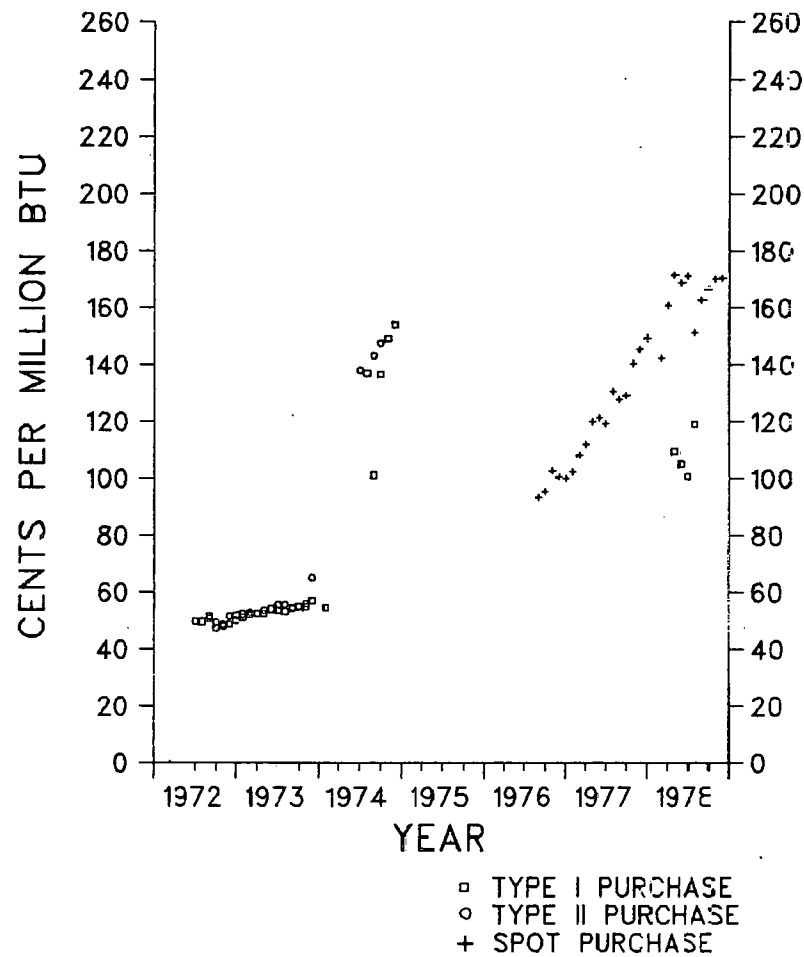


Figure 3.20.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN MISSOURI

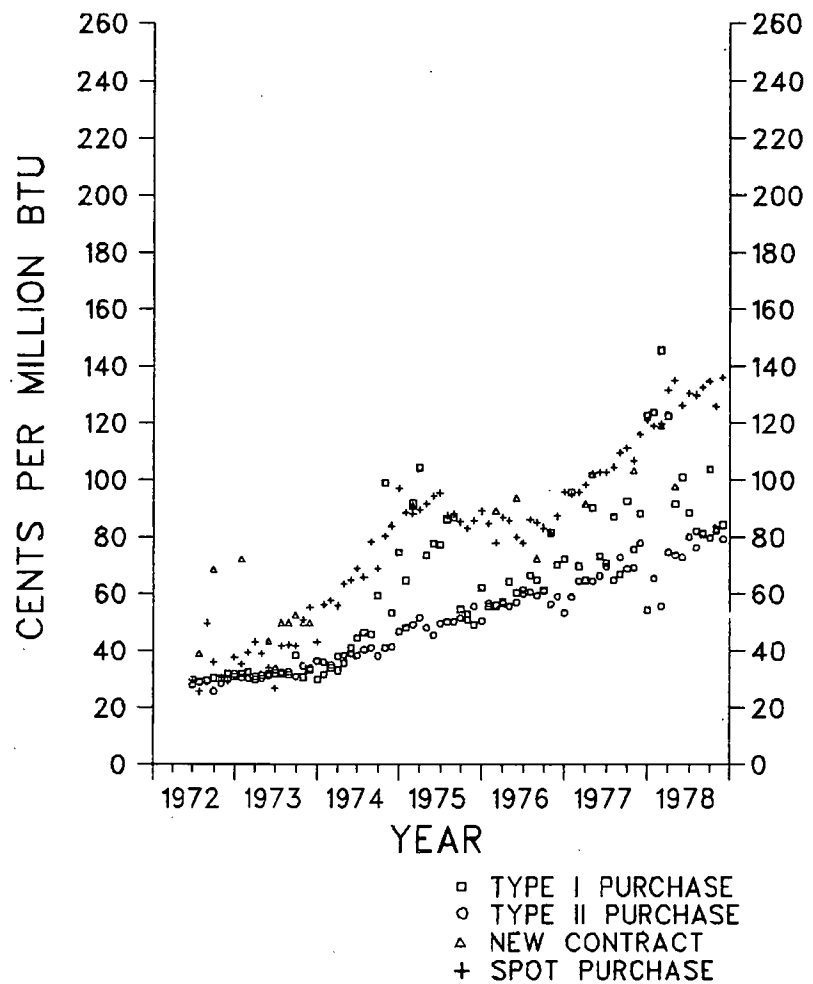


Figure 3.20.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN MISSOURI

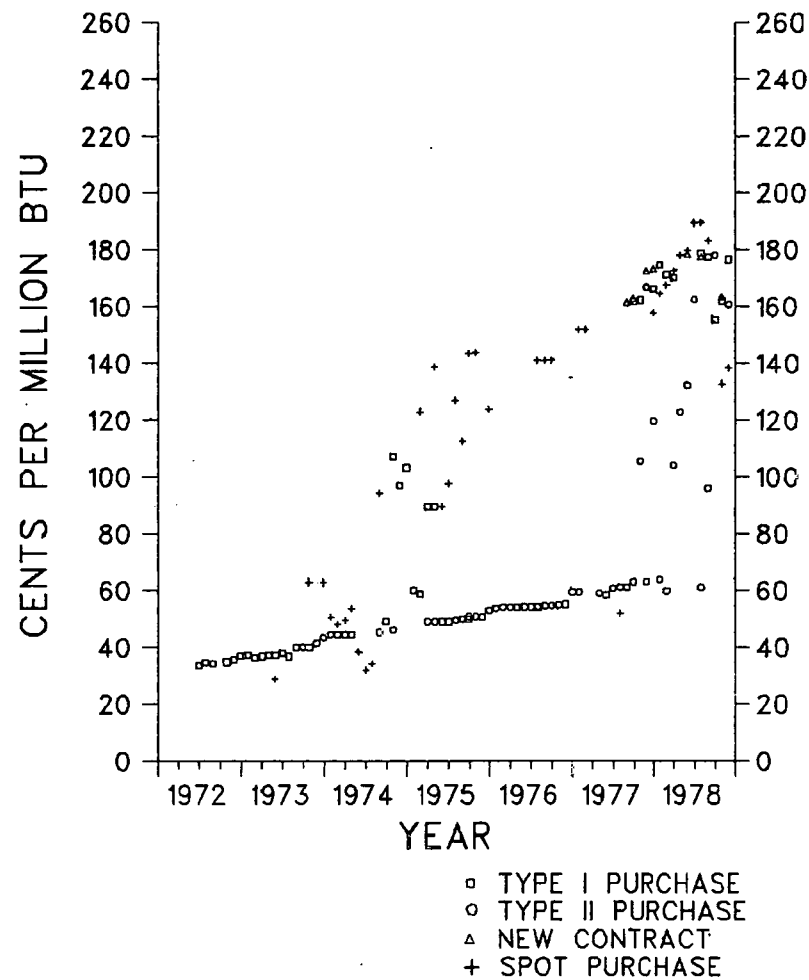


Figure 3.20.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES MISSOURI

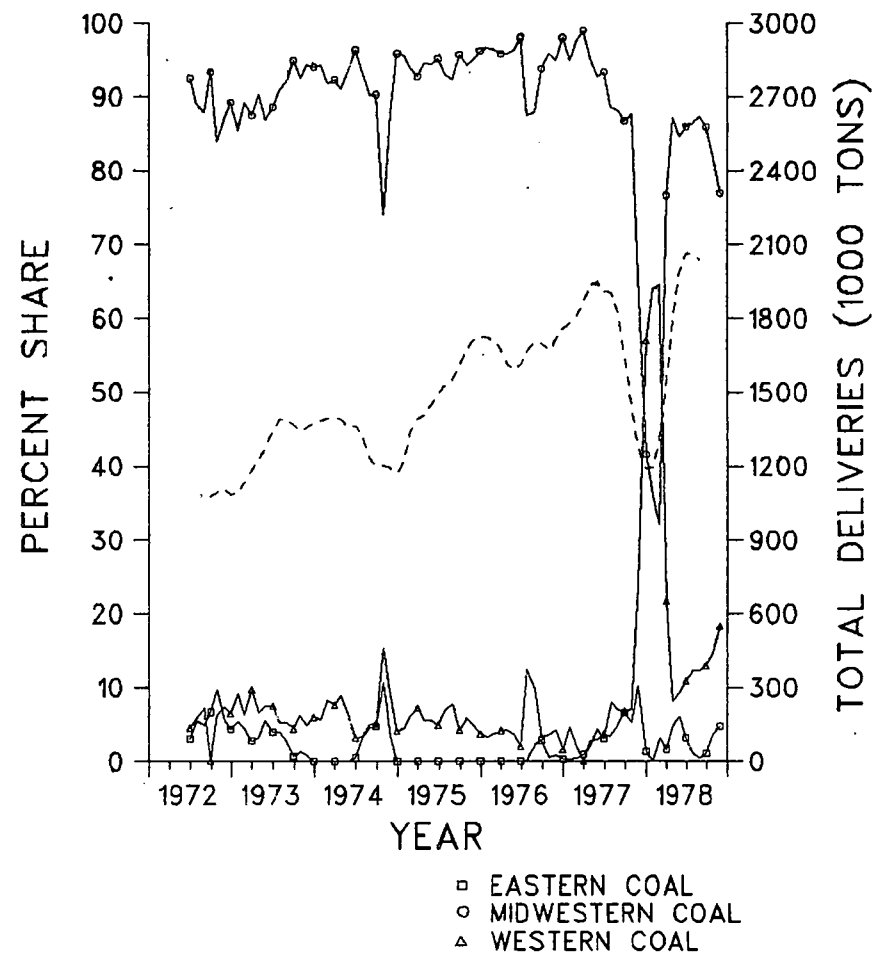


Figure 3.20.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MONTANA
TYPE I PURCHASE

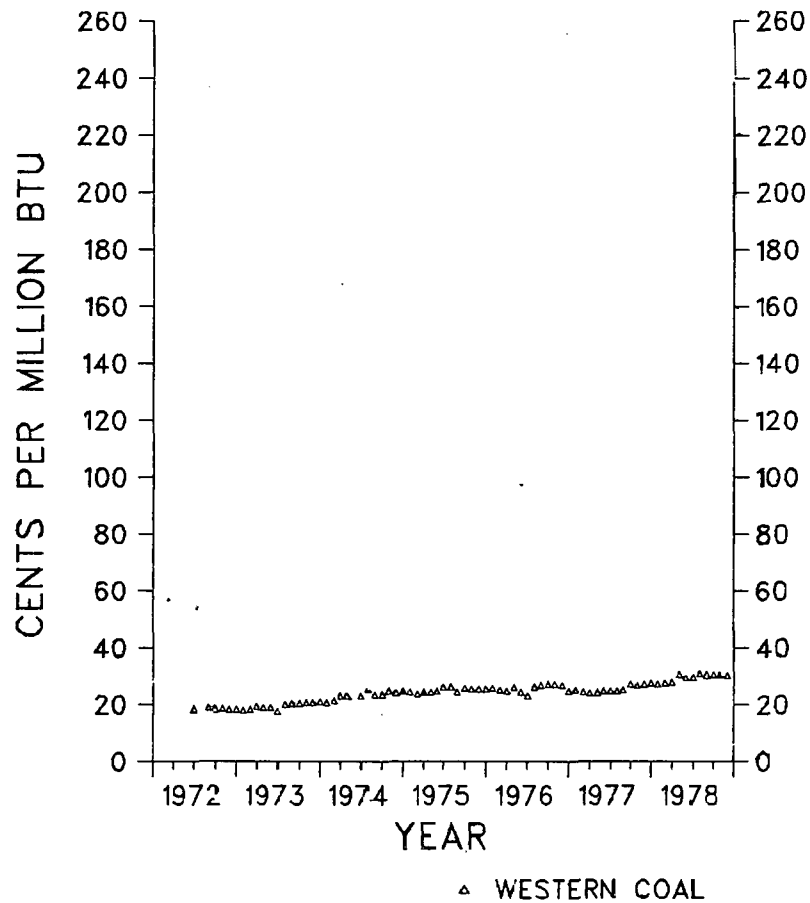


Figure 3.21.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MONTANA
TYPE II PURCHASE

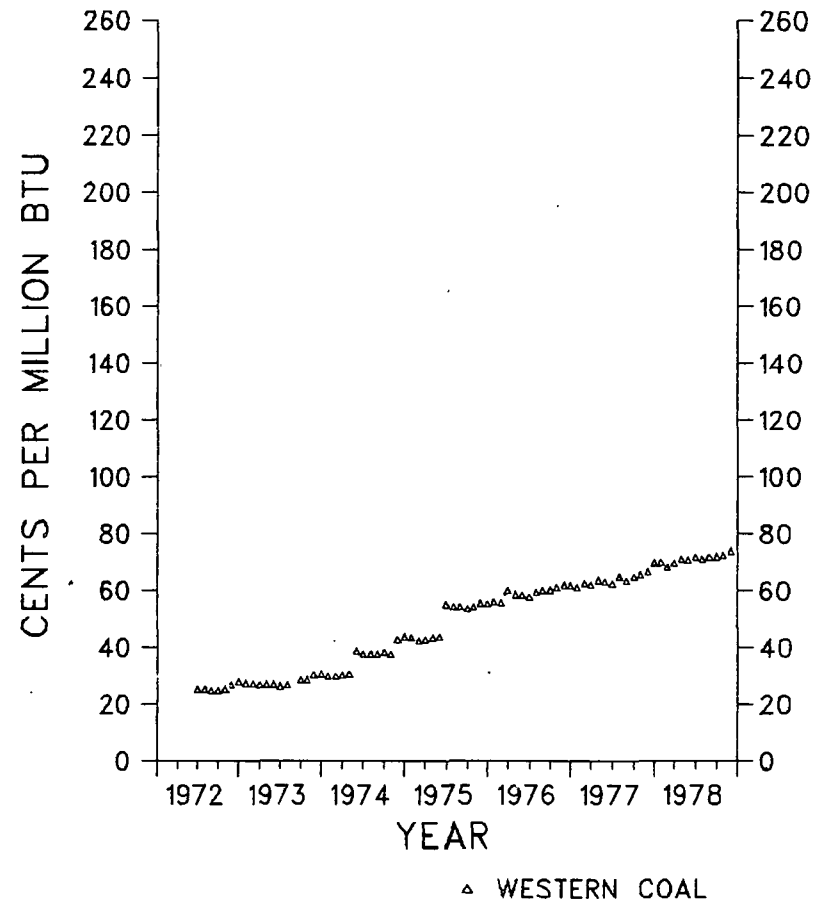


Figure 3.21.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MONTANA
NEW CONTRACT

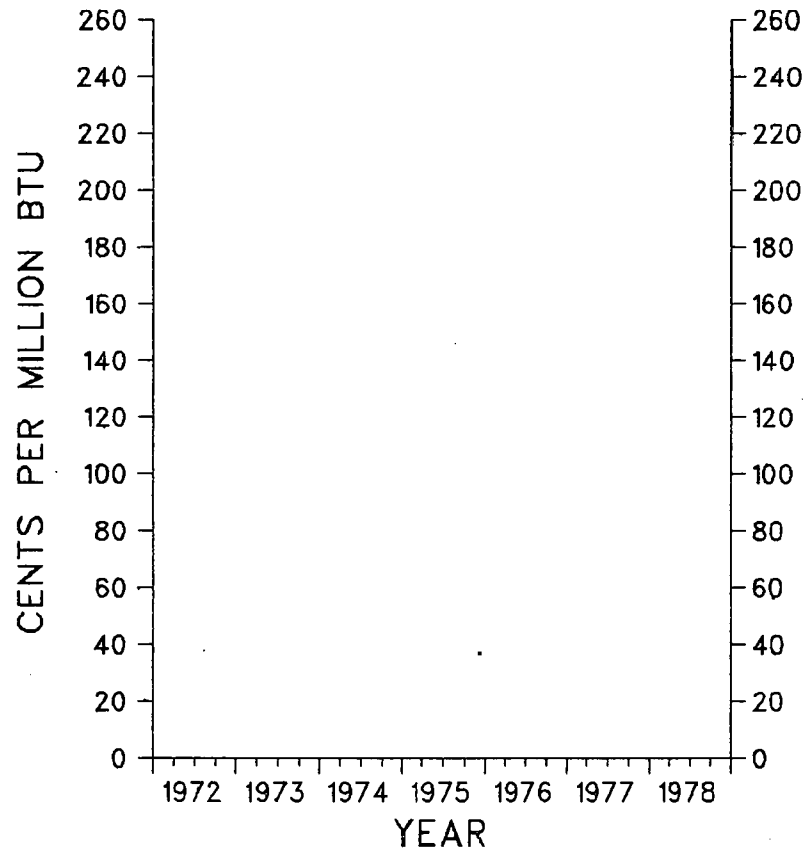


Figure 3.21.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN MONTANA
SPOT PURCHASE

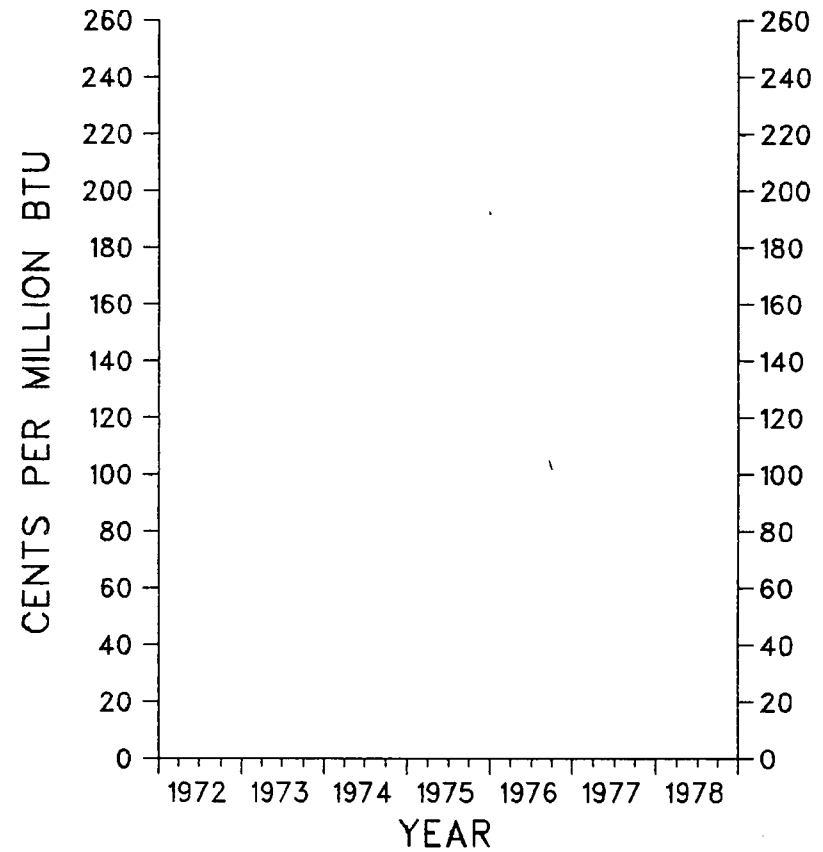


Figure 3.21.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN MONTANA

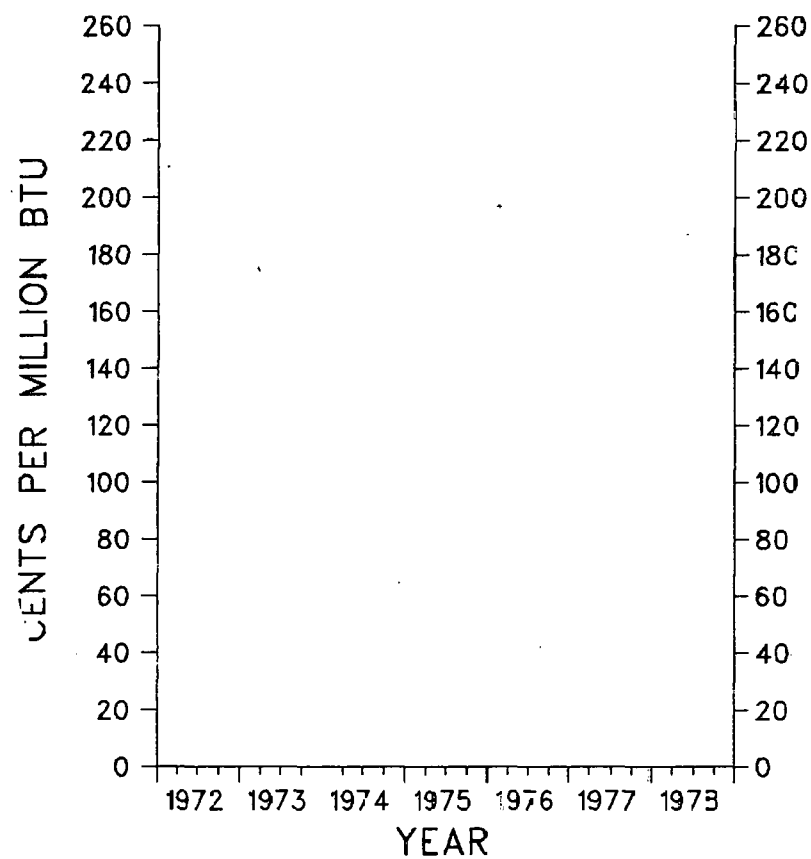


Figure 3.21.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN MONTANA

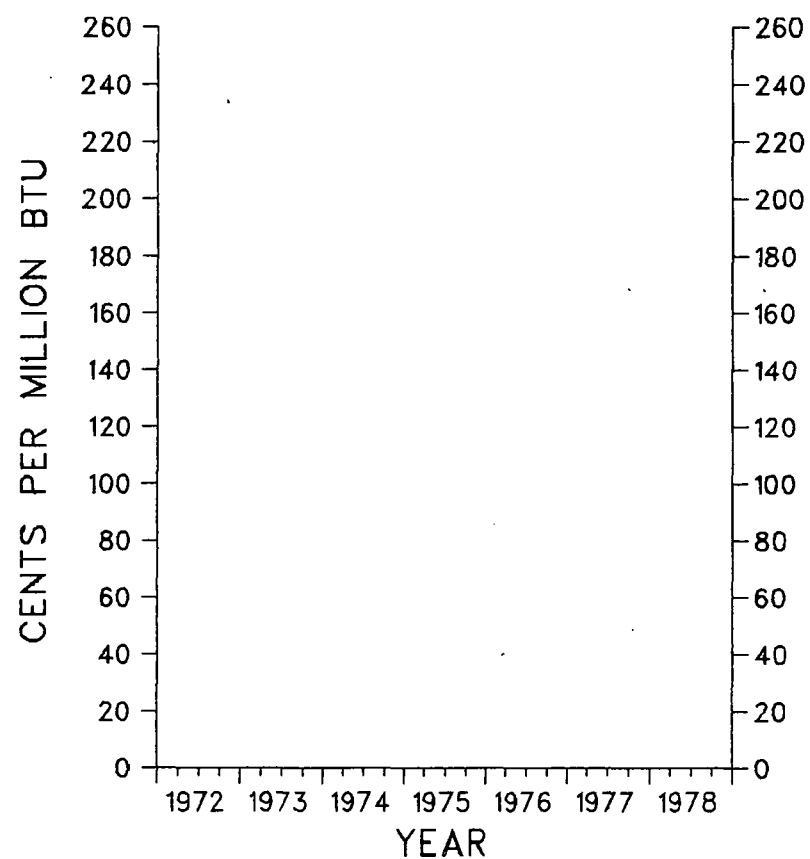


Figure 3.21.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN MONTANA

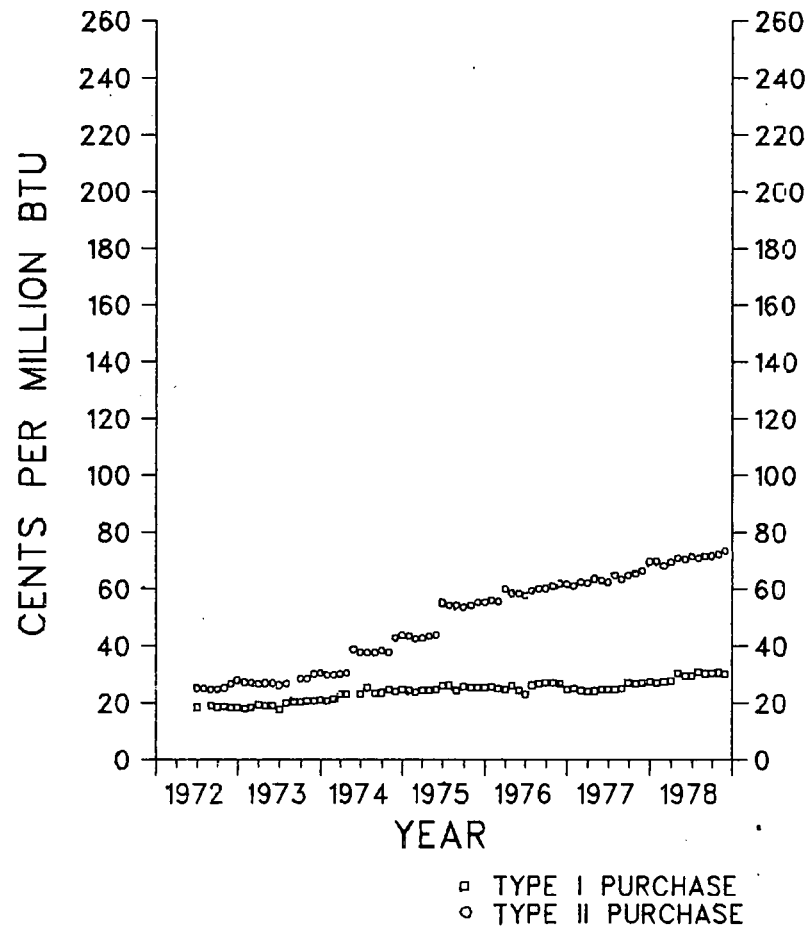


Figure 3.21.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES MONTANA

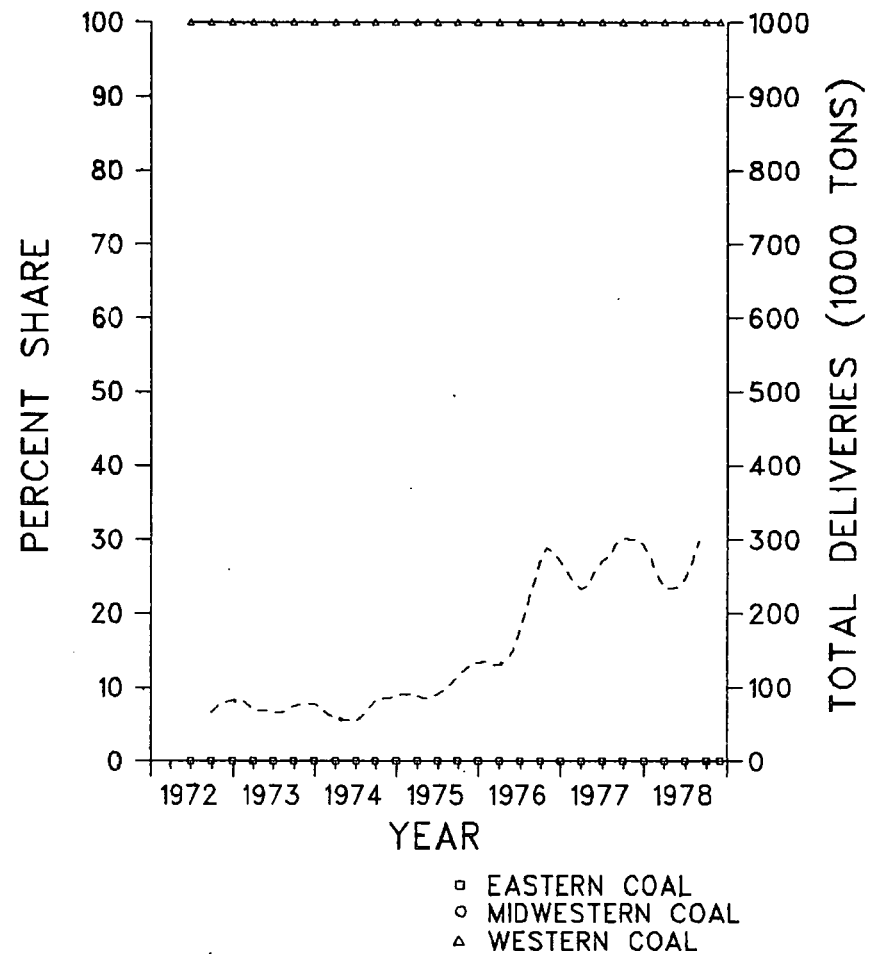


Figure 3.21.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEBRASKA
TYPE I PURCHASE

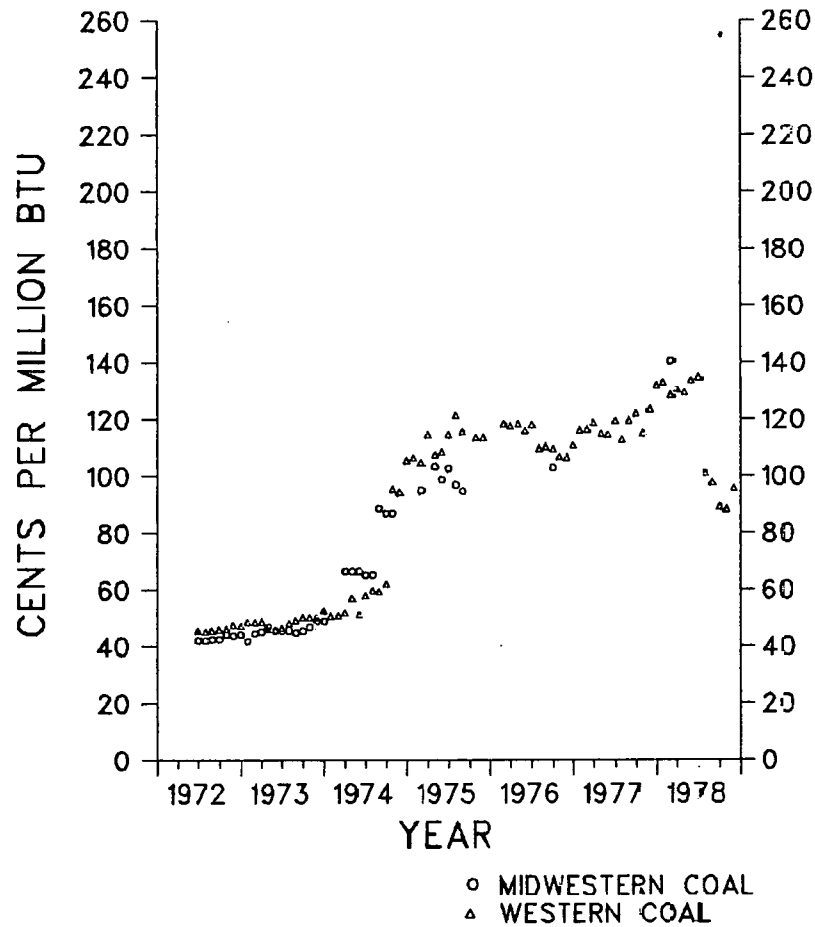


Figure 3.22.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEBRASKA
TYPE II PURCHASE

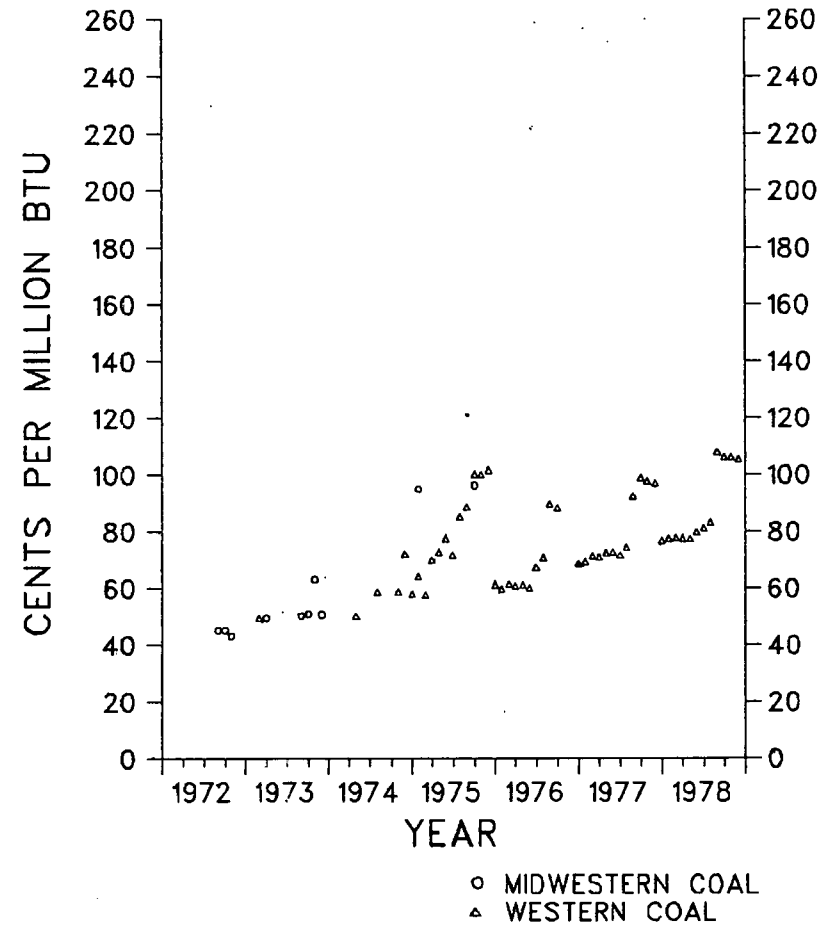


Figure 3.22.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEBRASKA
NEW CONTRACT

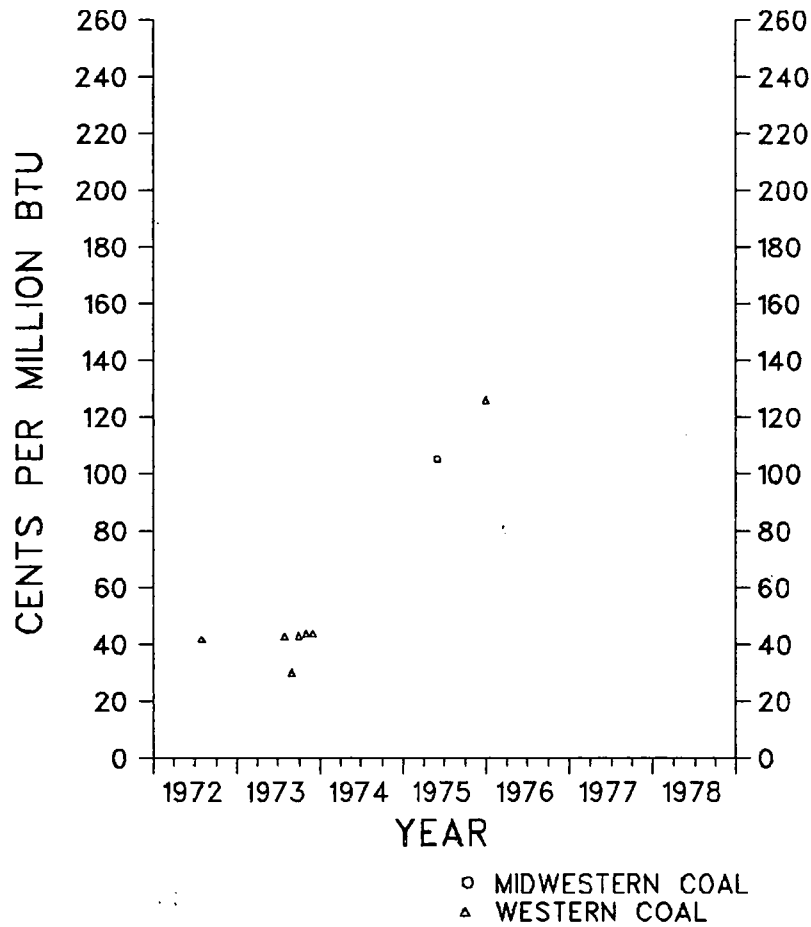


Figure 3.22.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEBRASKA
SPOT PURCHASE

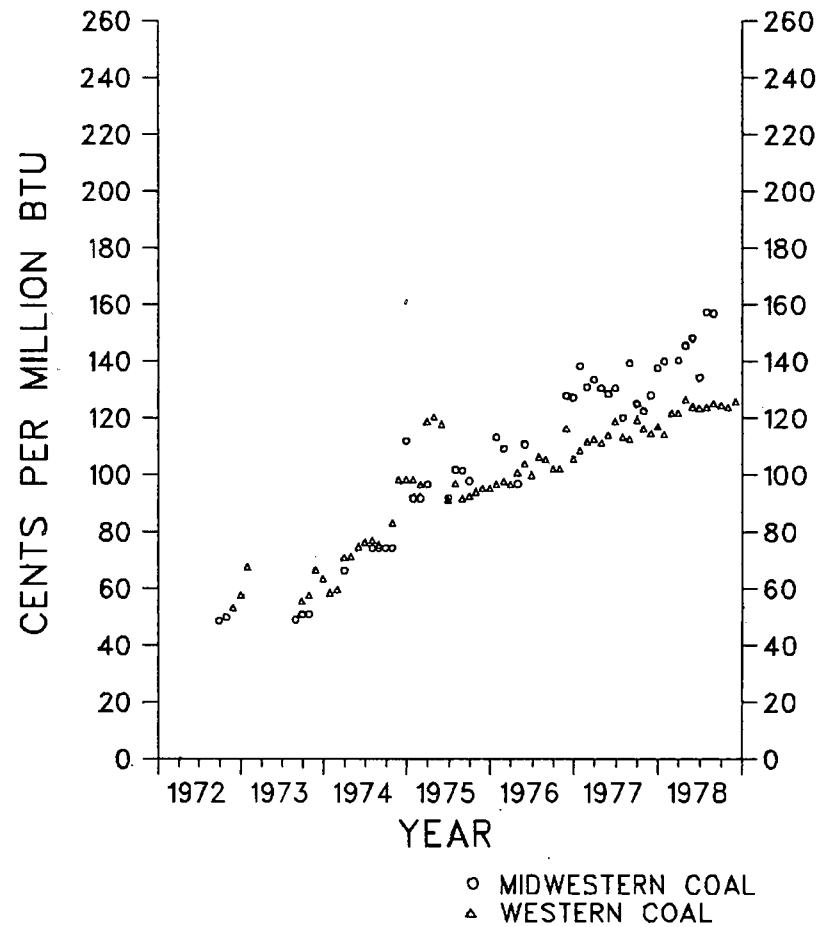


Figure 3.22.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN NEBRASKA

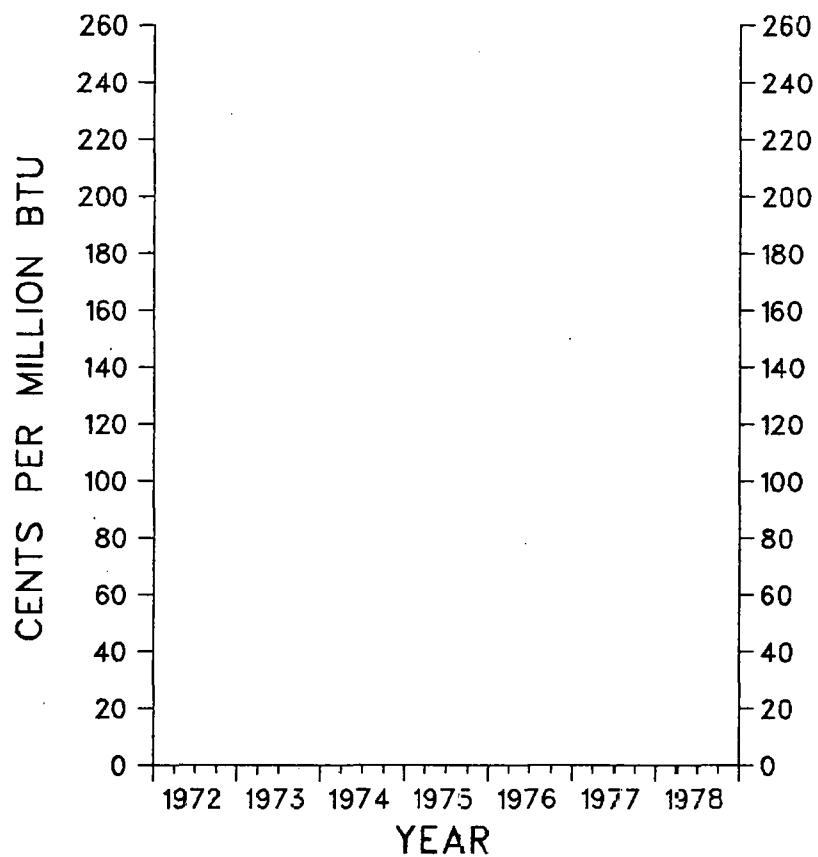


Figure 3.22.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN NEBRASKA

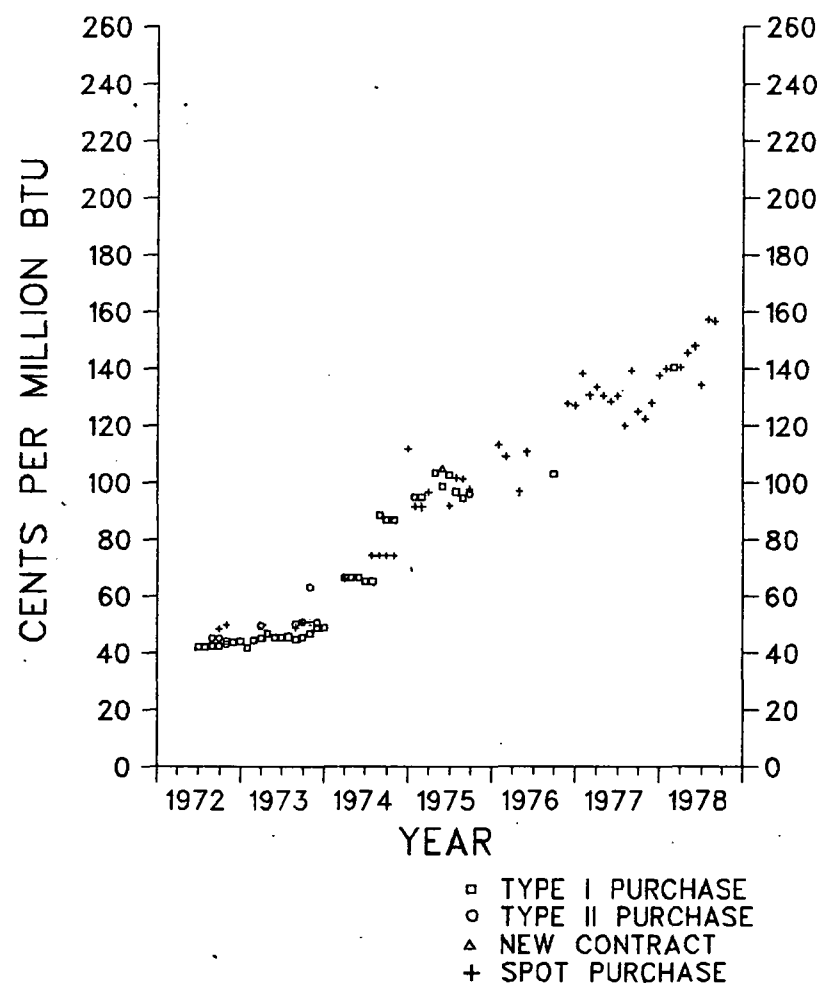


Figure 3.22.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN NEBRASKA

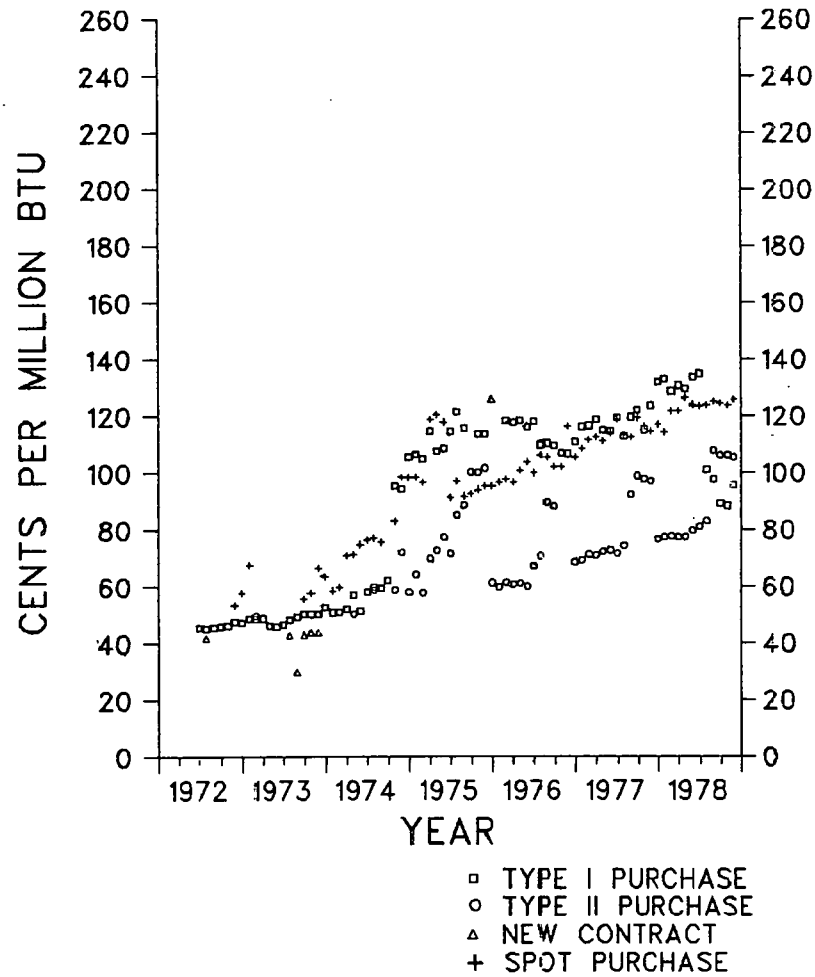


Figure 3.22.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES NEBRASKA

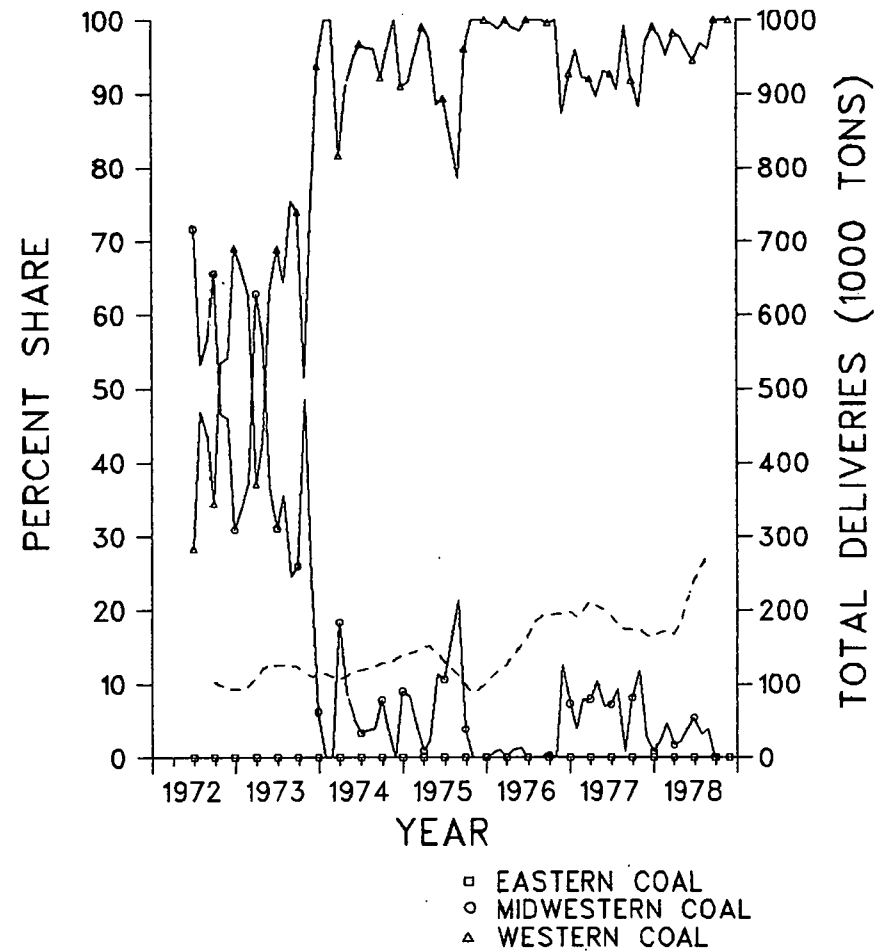


Figure 3.22.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEVADA
TYPE I PURCHASE

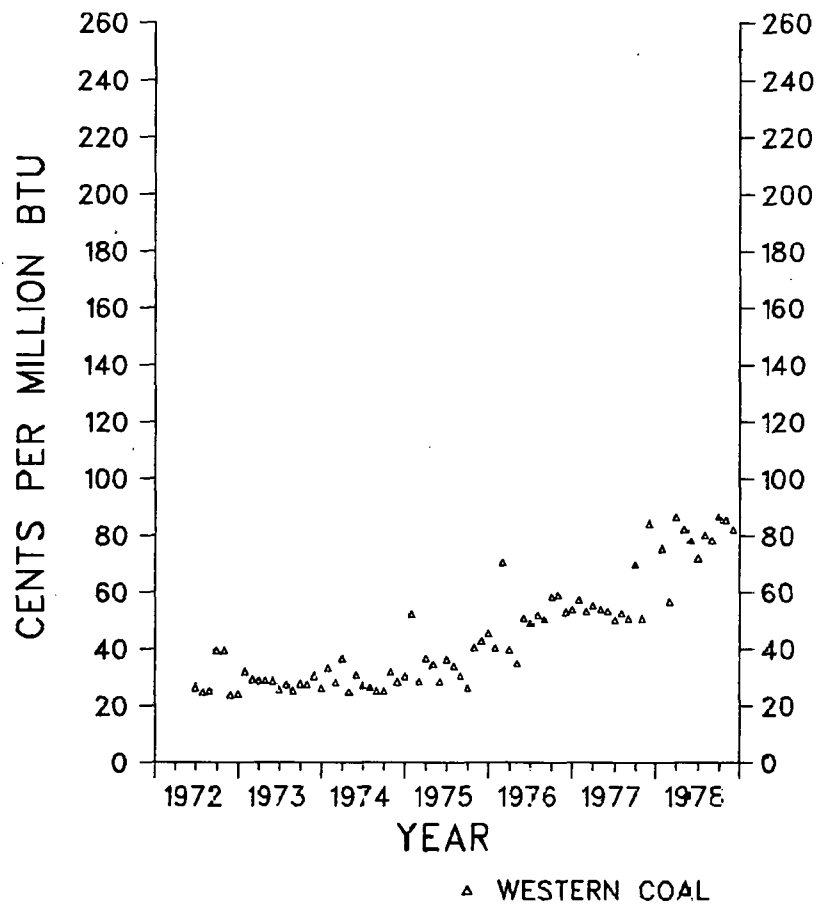


Figure 3.23.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEVADA
TYPE II PURCHASE

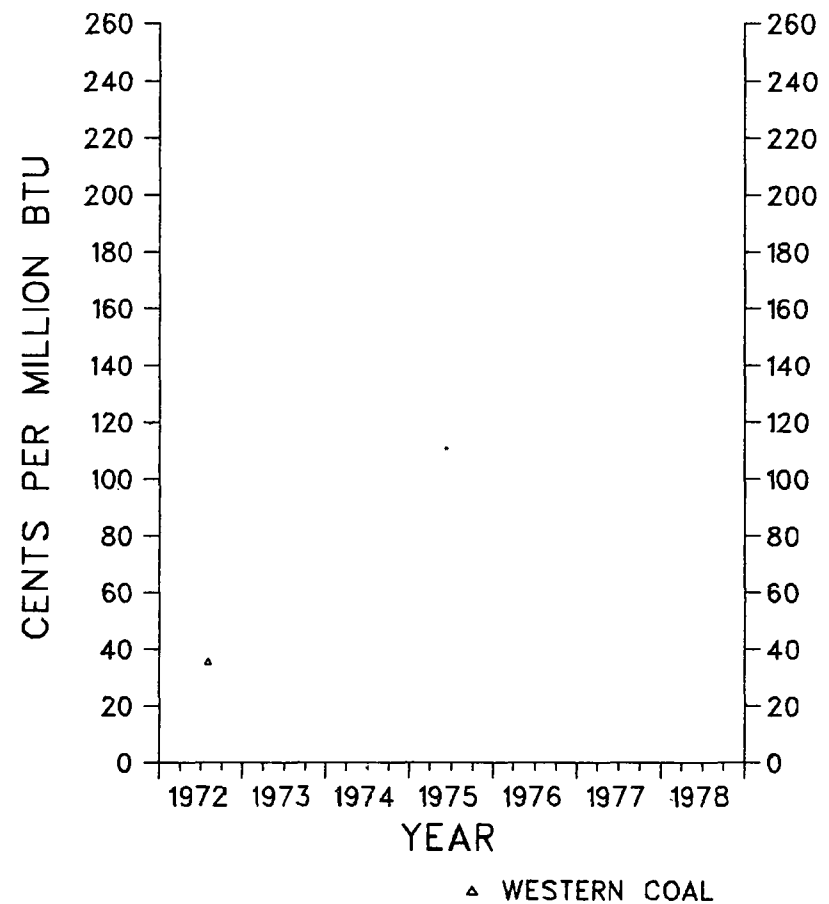


Figure 3.23.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEVADA
NEW CONTRACT

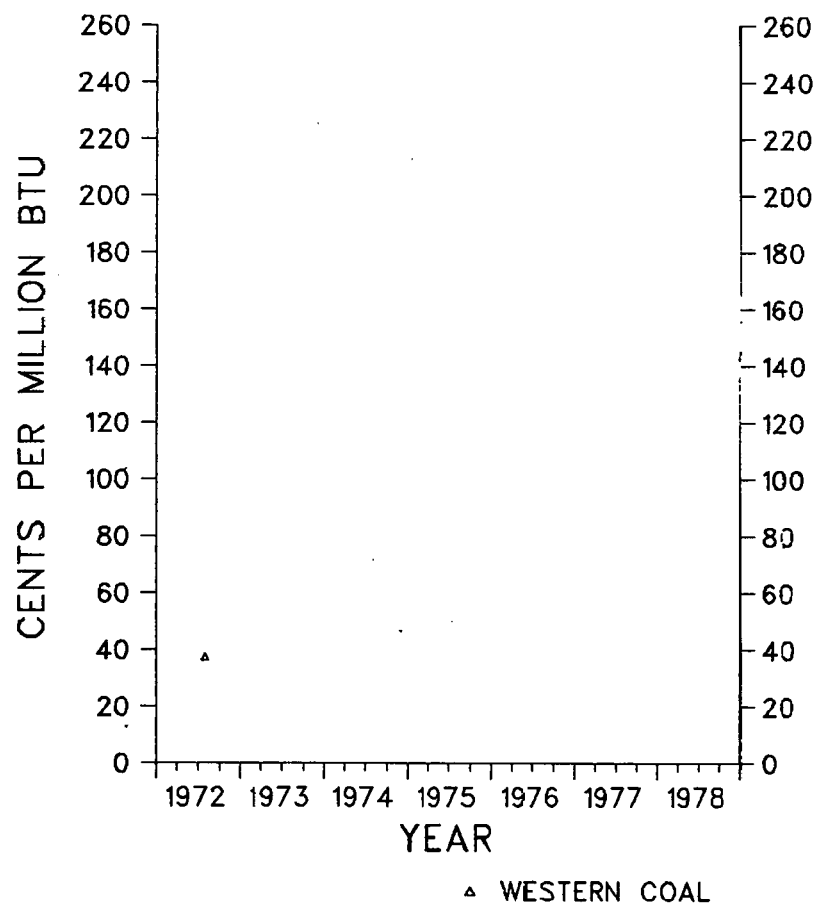


Figure 3.23.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEVADA
SPOT PURCHASE

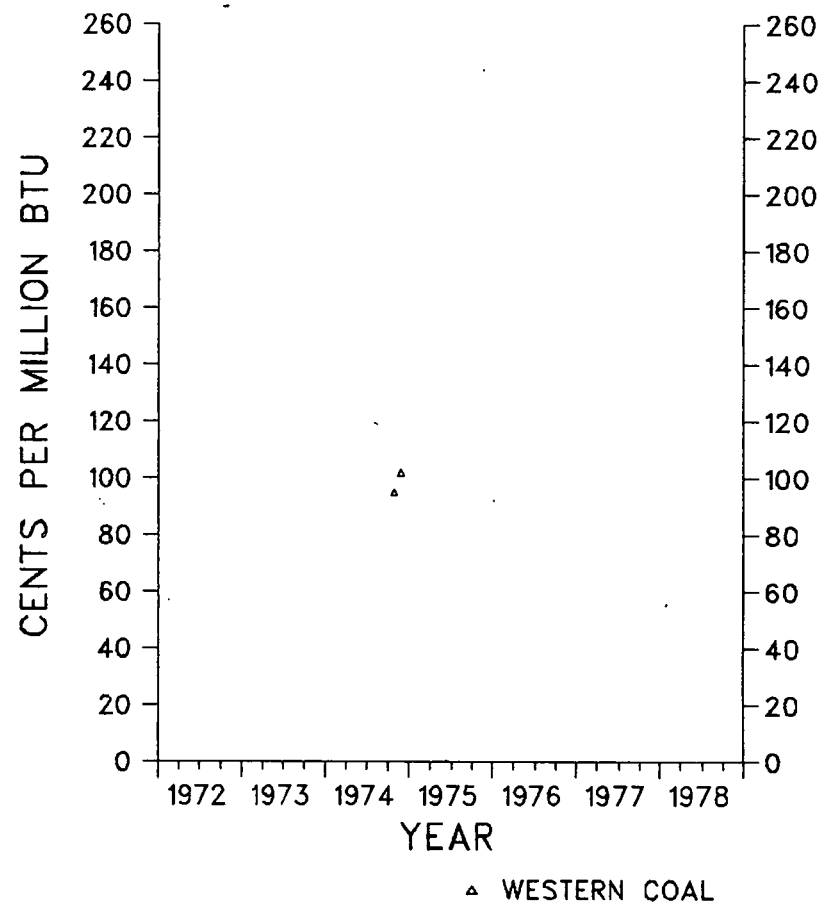


Figure 3.23.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN NEVADA

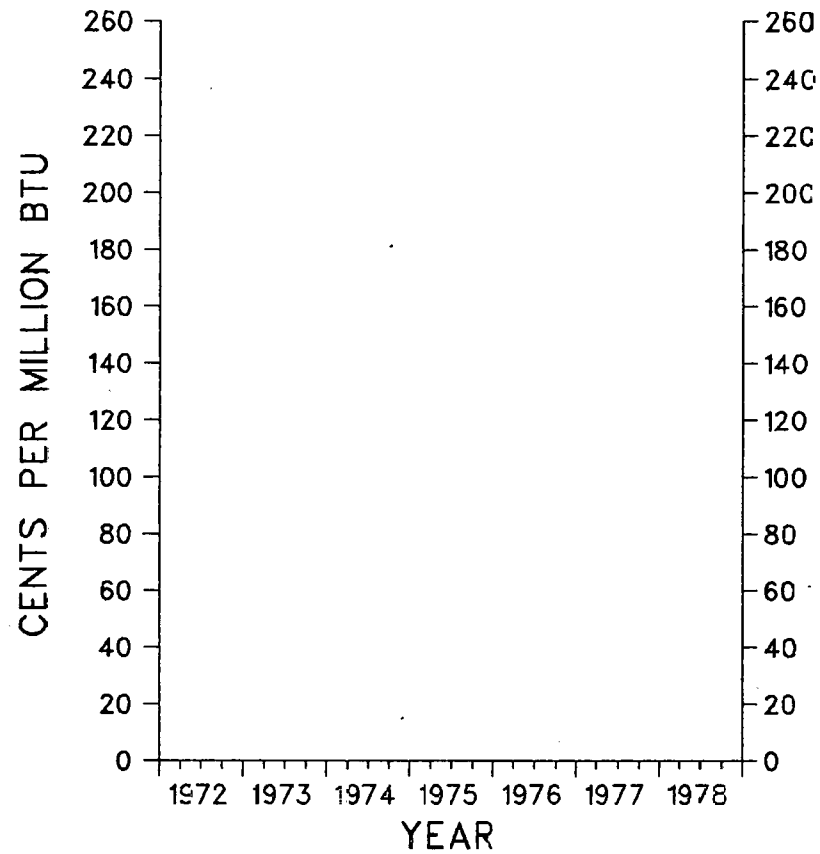


Figure 3.23.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN NEVADA

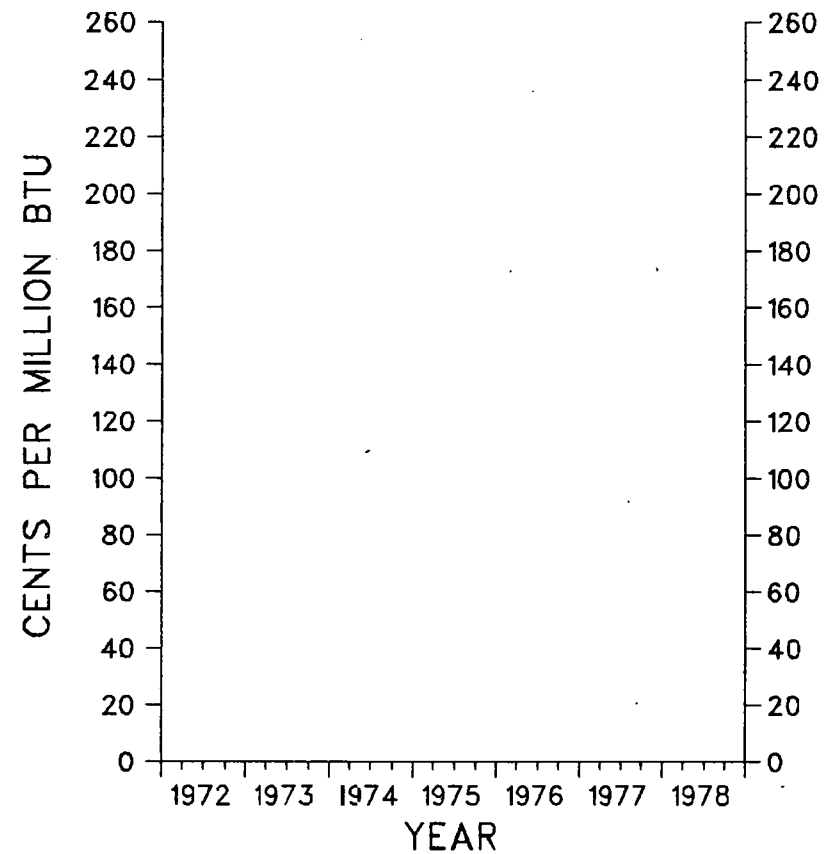


Figure 3.23.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN NEVADA

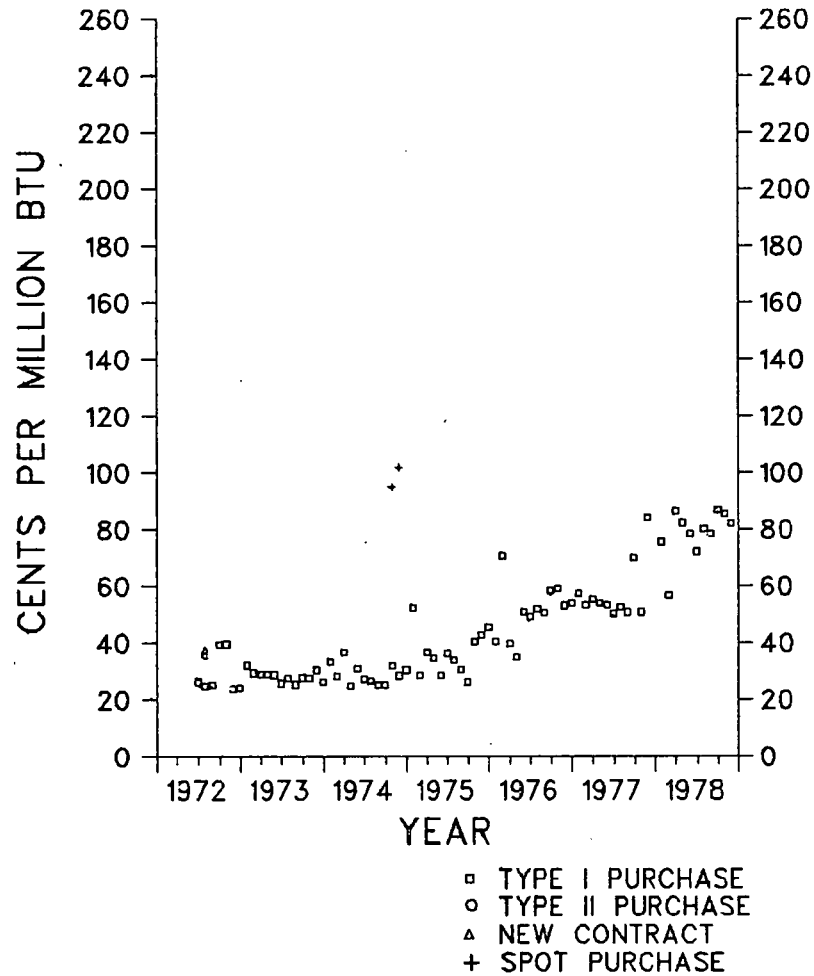


Figure 3.23.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES NEVADA

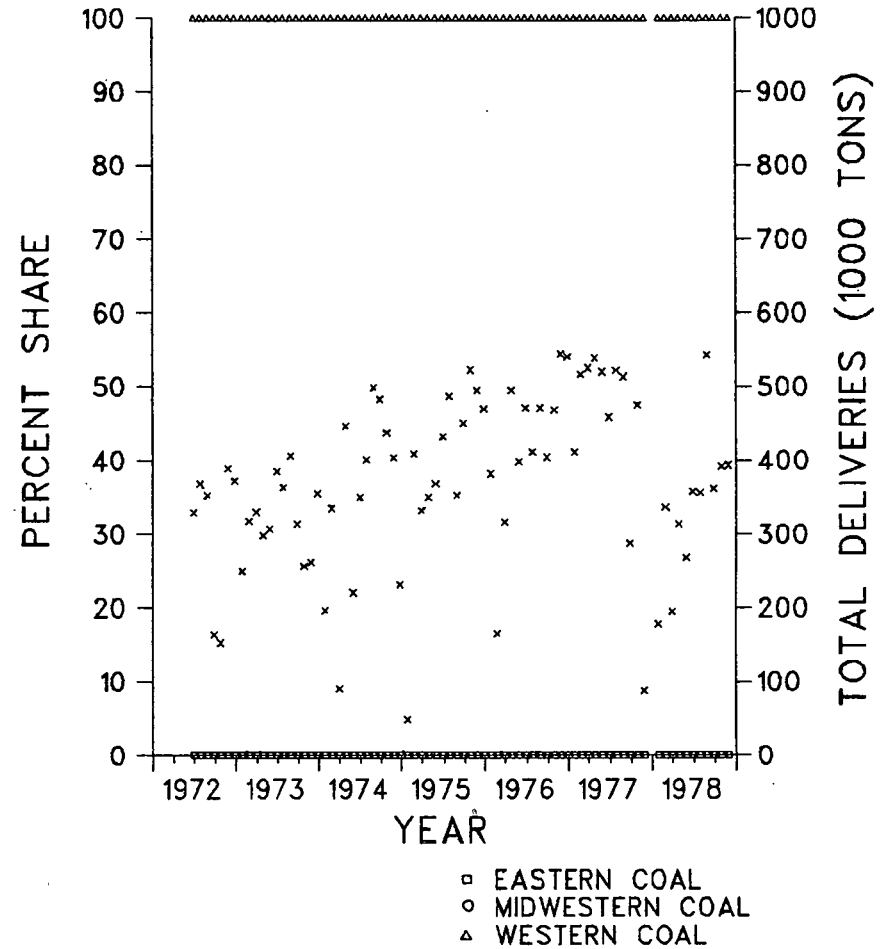


Figure 3.23.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEW HAMPSHIRE
TYPE I PURCHASE

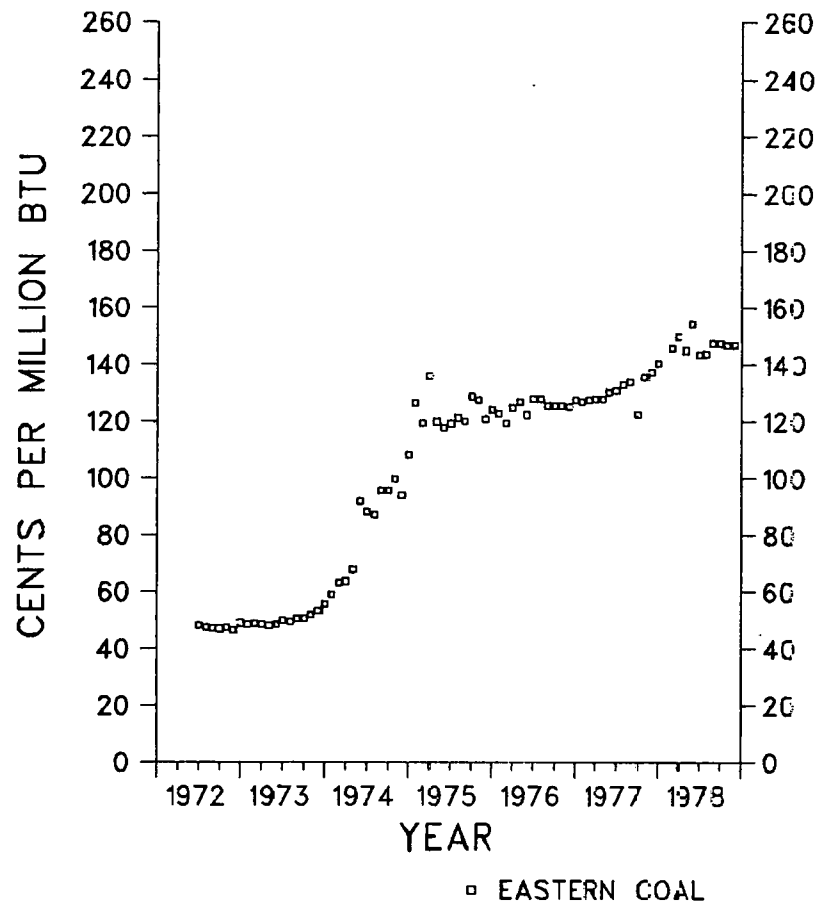


Figure 3.24.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEW HAMPSHIRE
TYPE II PURCHASE

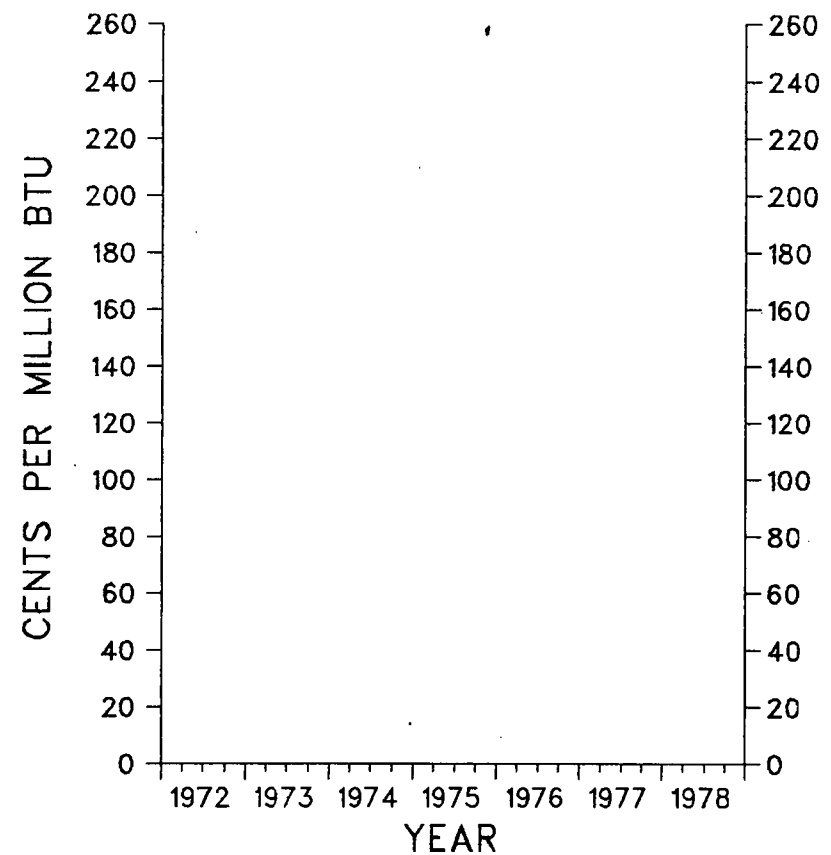


Figure 3.24.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEW HAMPSHIRE
NEW CONTRACT

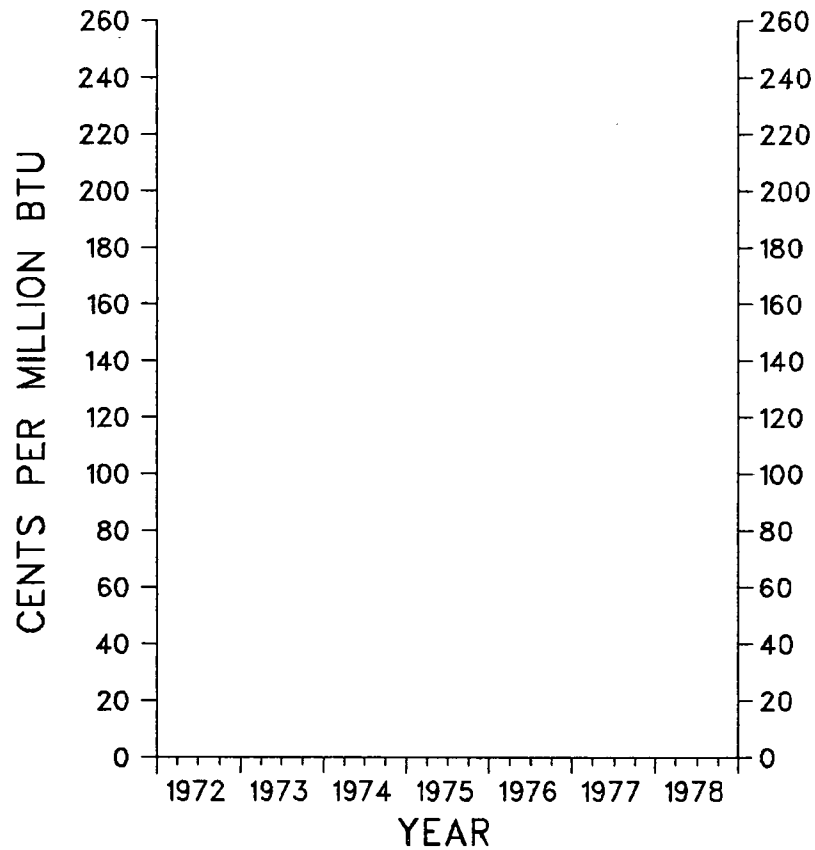


Figure 3.24.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEW HAMPSHIRE
SPOT PURCHASE

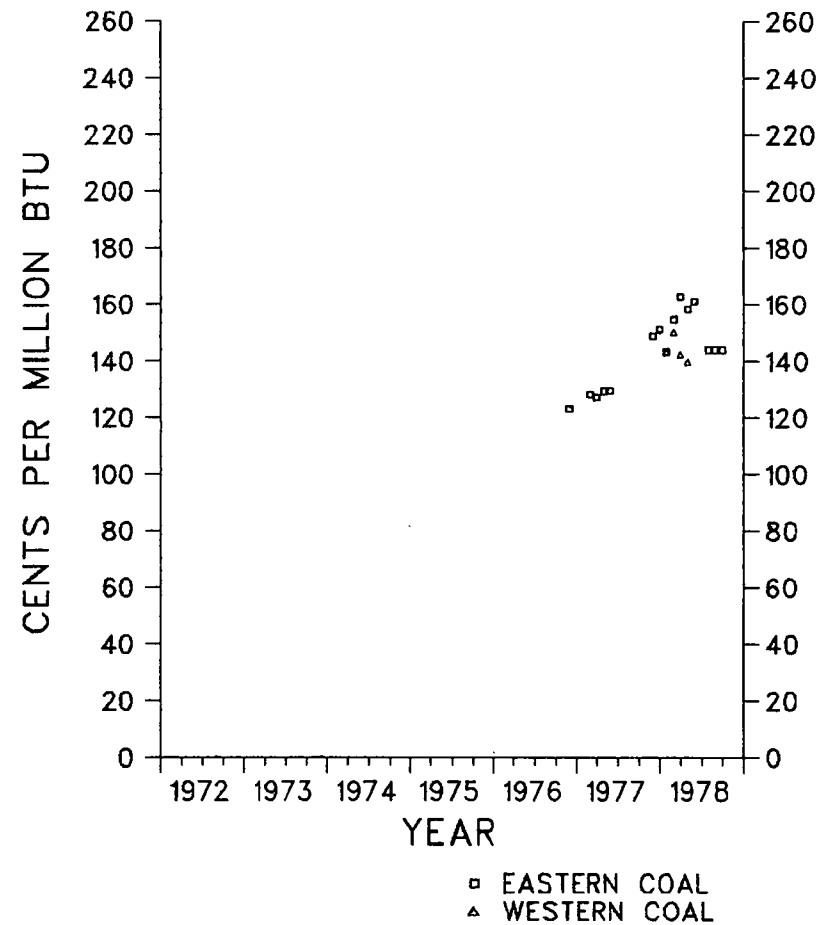


Figure 3.24.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN NEW HAMPSHIRE

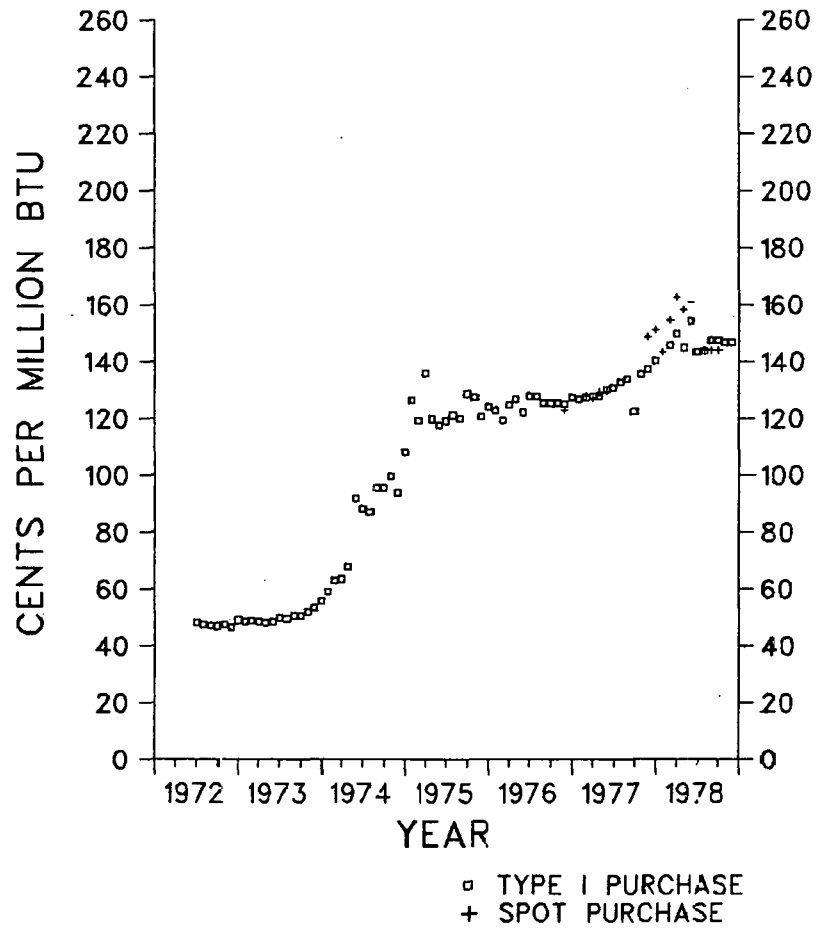


Figure 3.24.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN NEW HAMPSHIRE

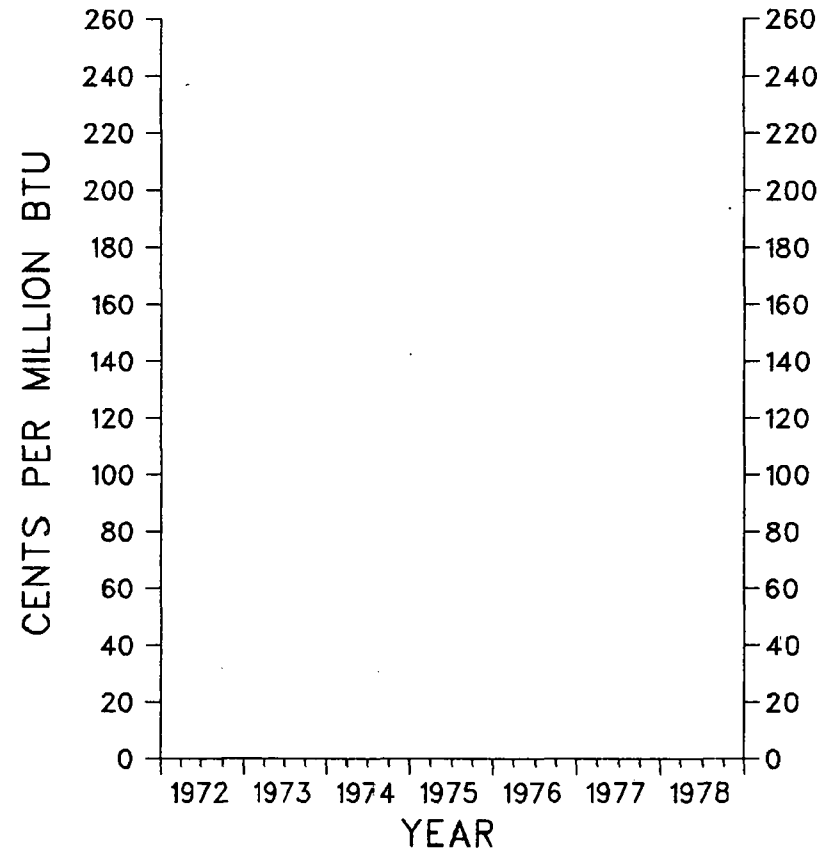


Figure 3.24.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN NEW HAMPSHIRE

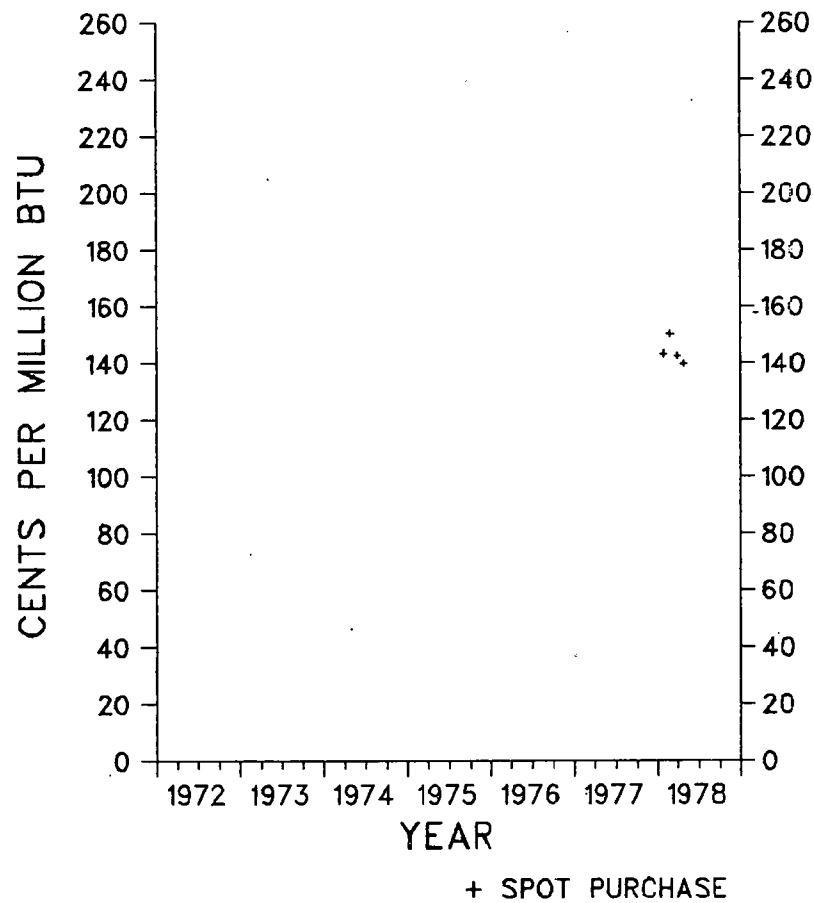


Figure 3.24.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES NEW HAMPSHIRE

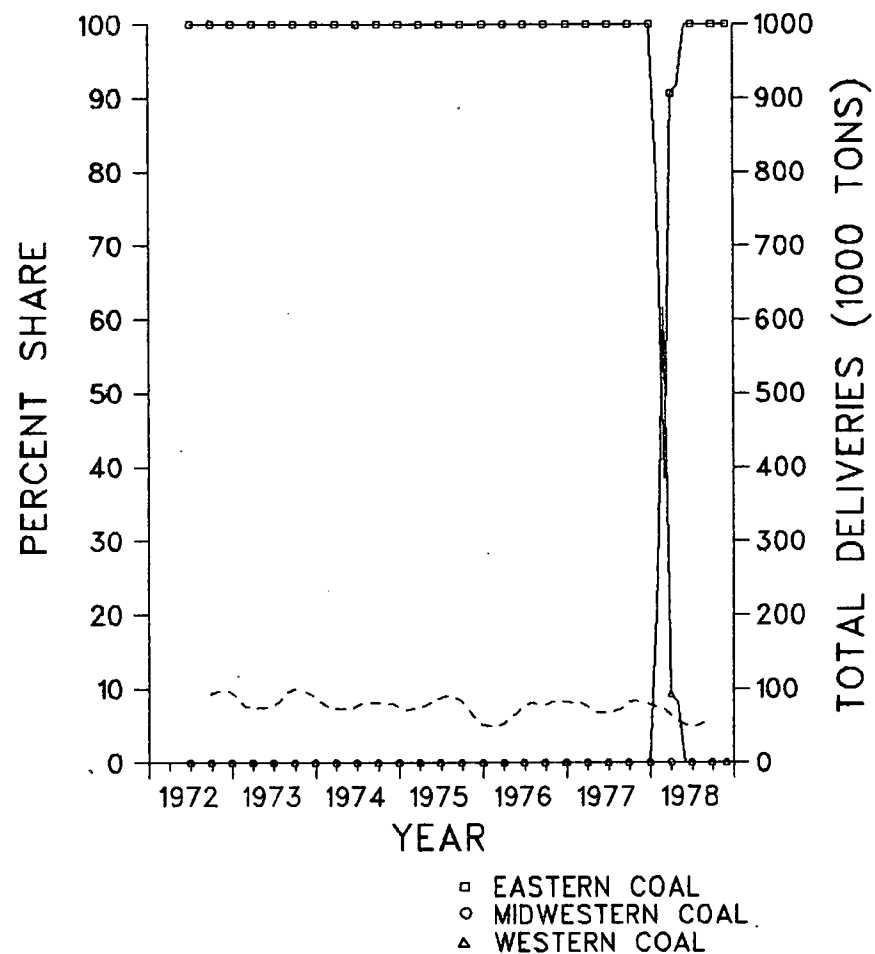


Figure 3.24.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEW JERSEY
TYPE I PURCHASE

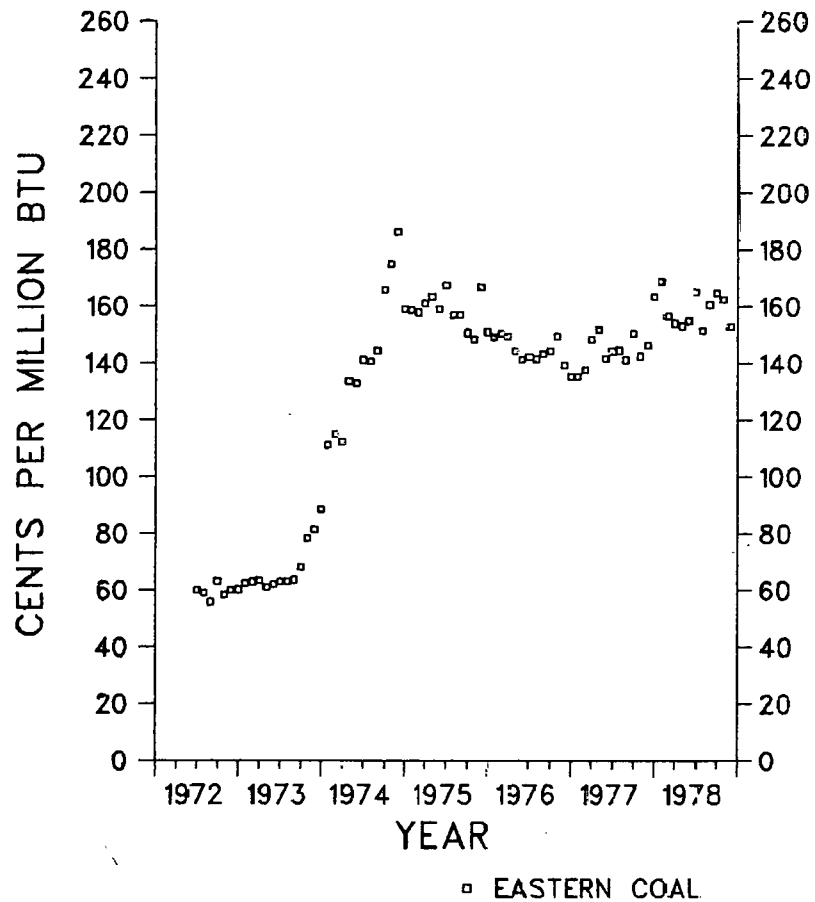


Figure 3.25.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEW JERSEY
TYPE II PURCHASE

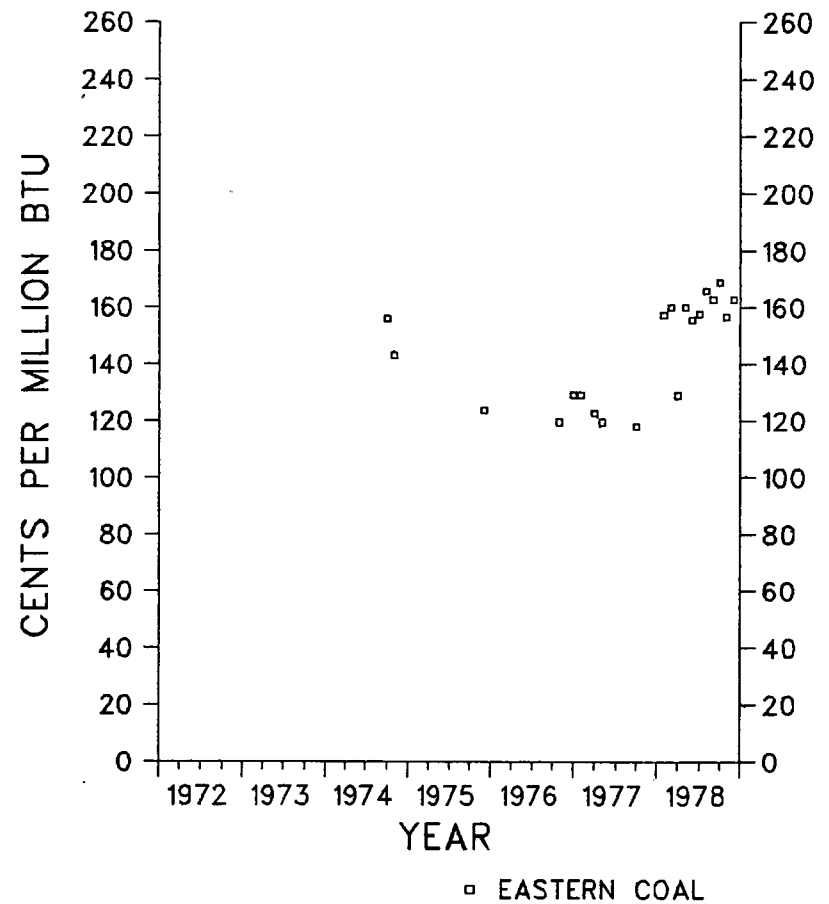


Figure 3.25.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEW JERSEY
NEW CONTRACT

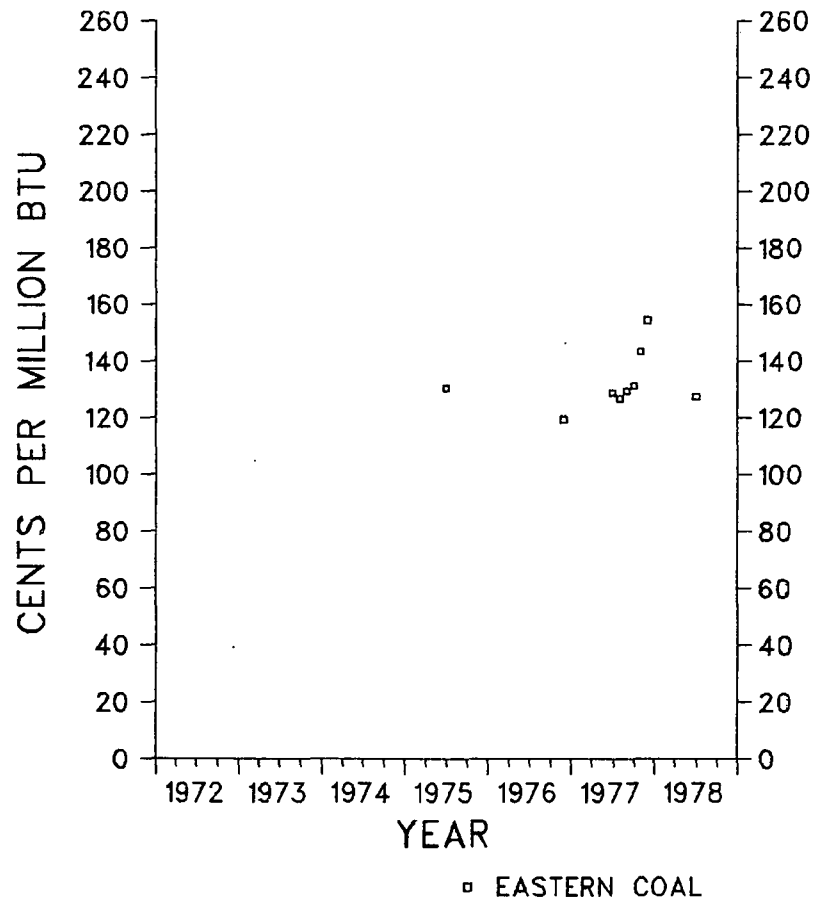


Figure 3.25.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEW JERSEY
SPOT PURCHASE

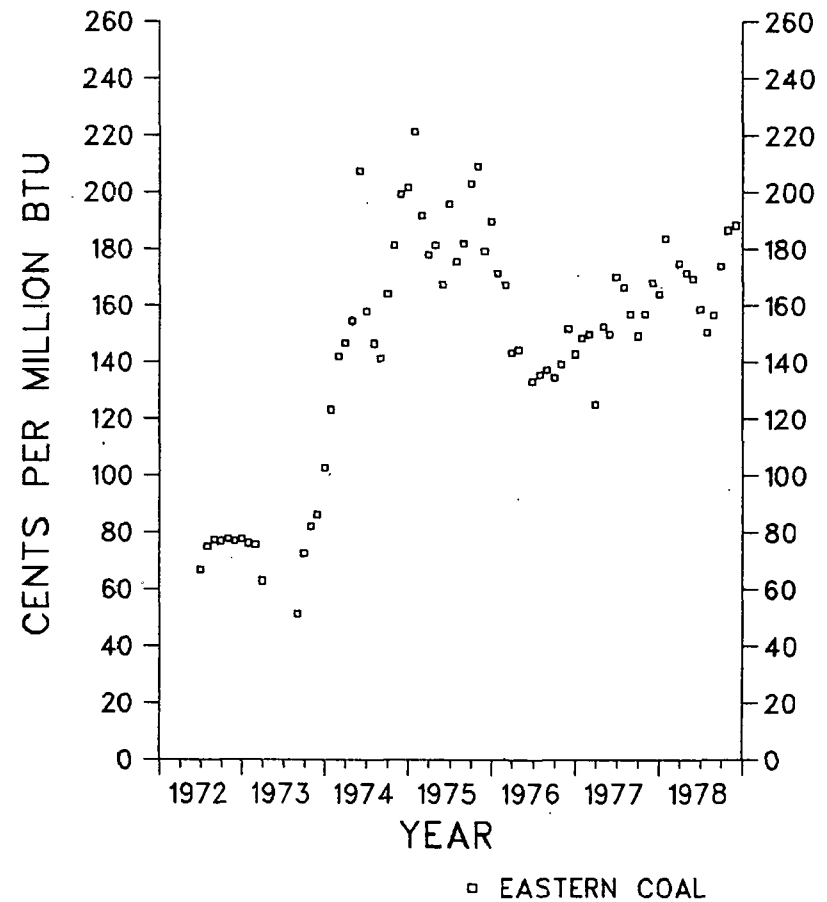


Figure 3.25.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN NEW JERSEY

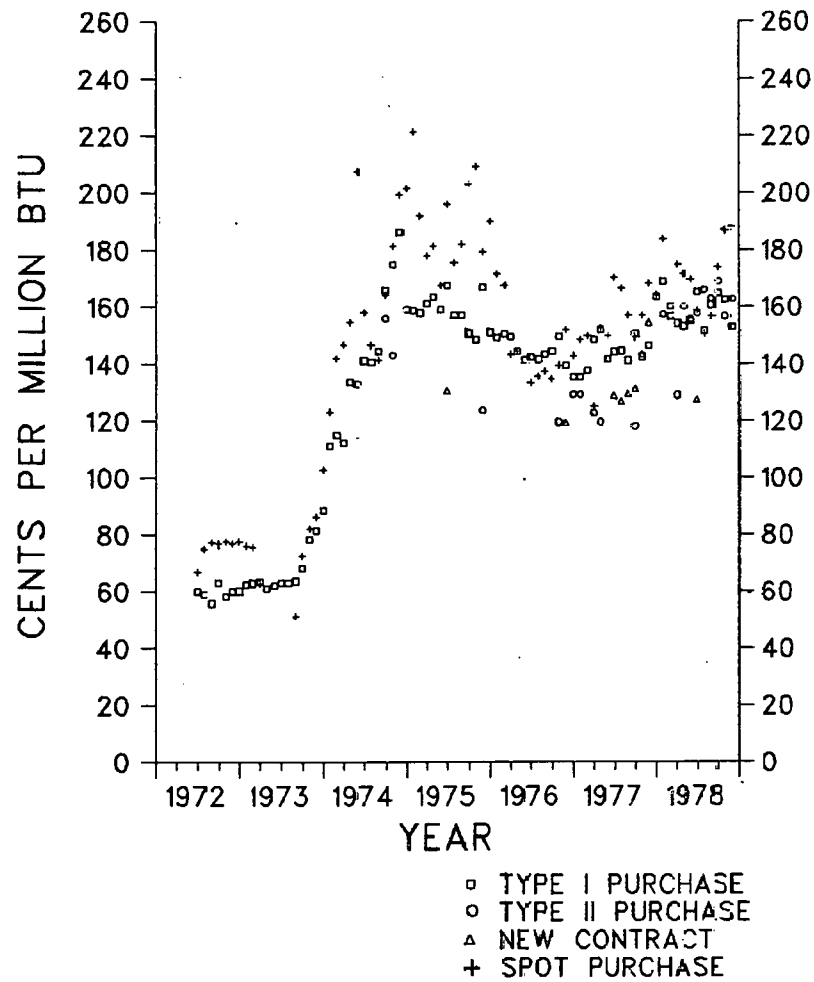


Figure 3.25.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN NEW JERSEY

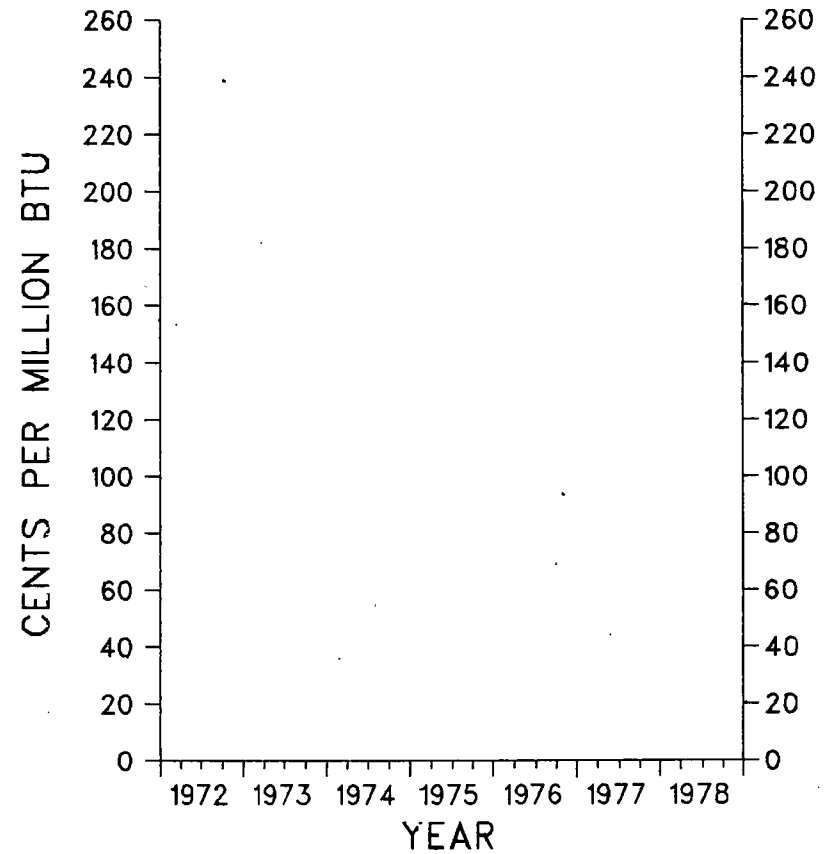


Figure 3.25.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN NEW JERSEY

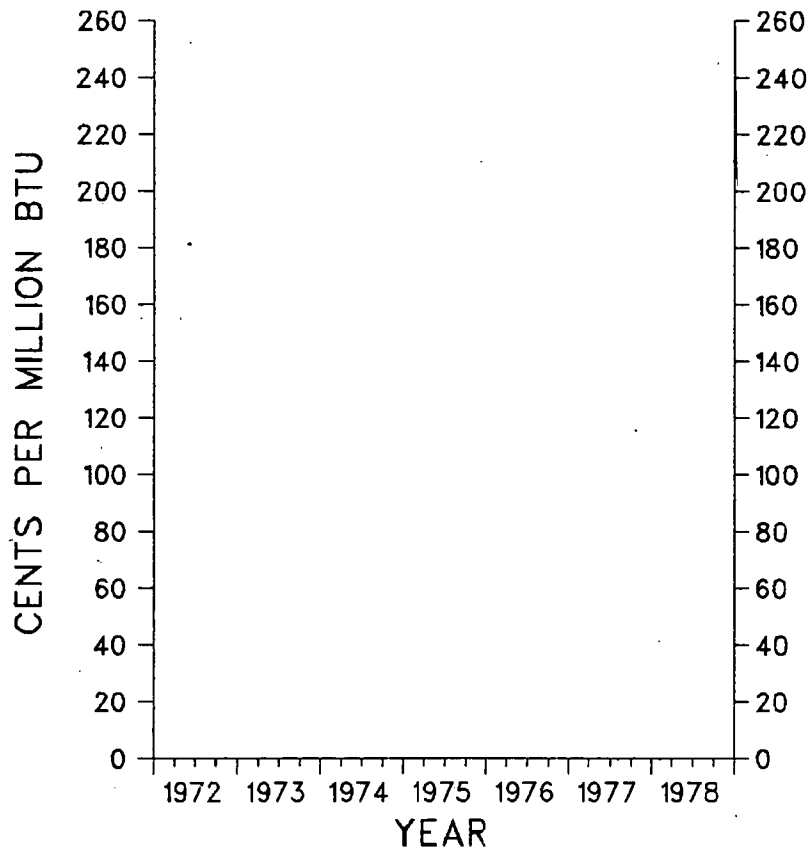


Figure 3.25.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES NEW JERSEY

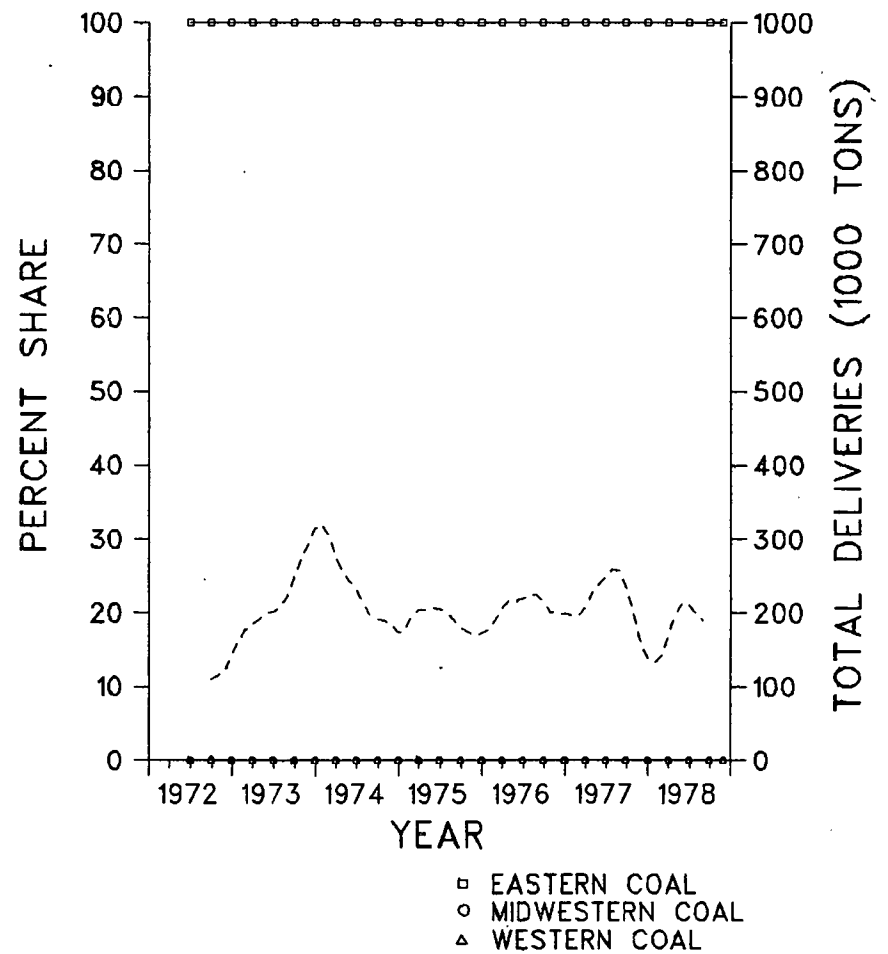


Figure 3.25.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEW MEXICO
TYPE I PURCHASE

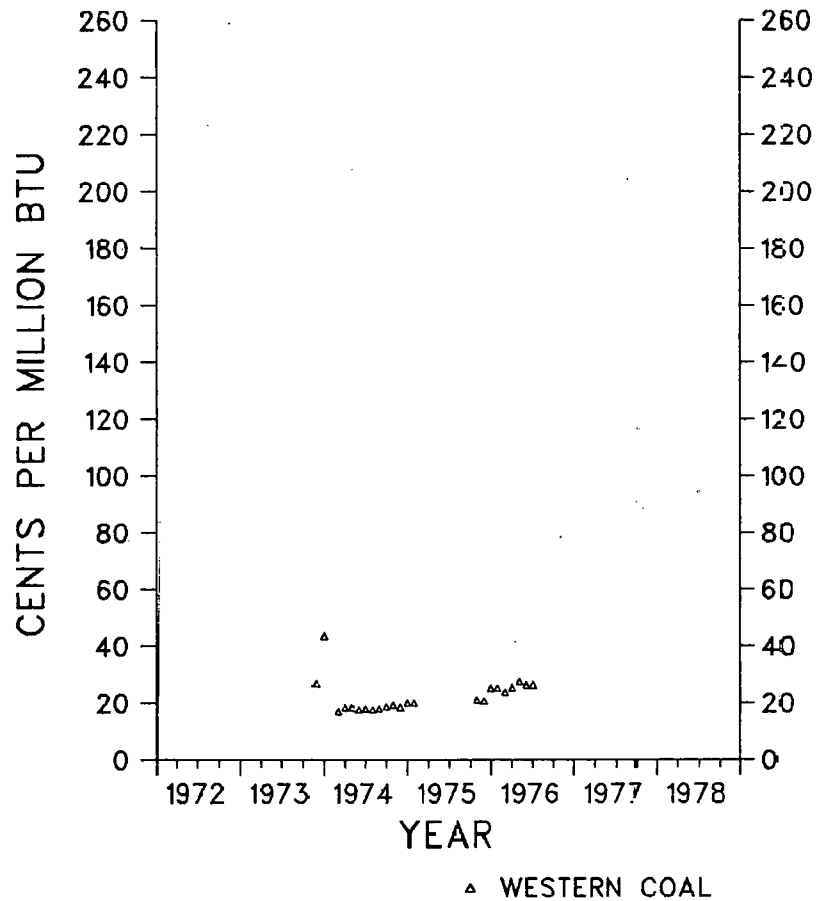


Figure 3.26.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEW MEXICO
TYPE II PURCHASE

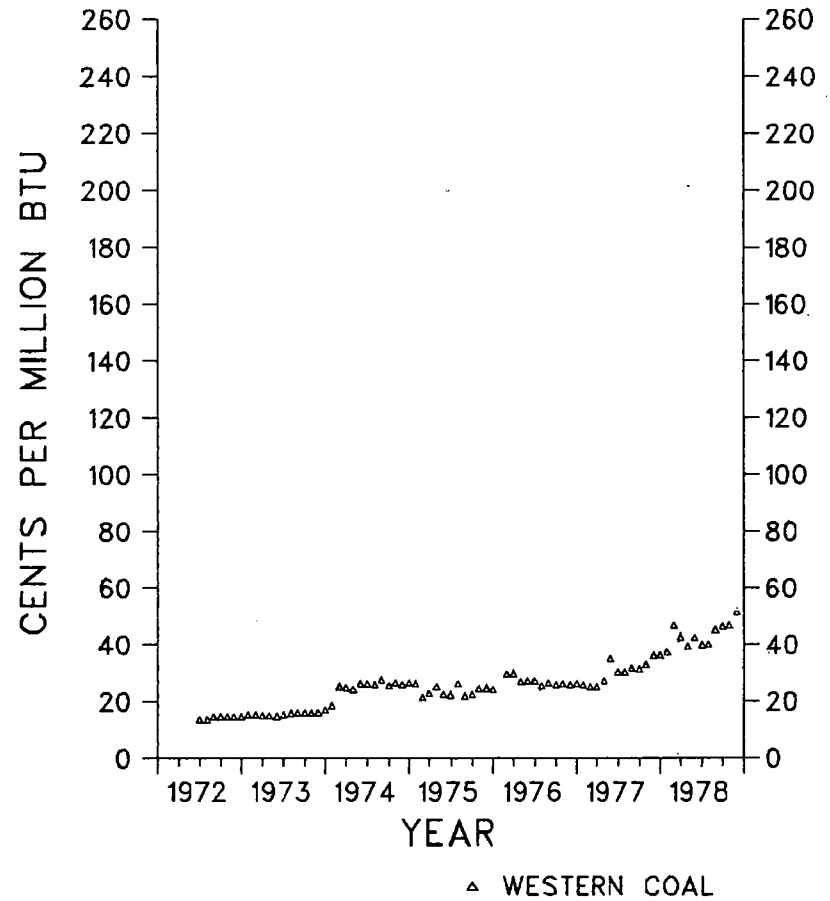


Figure 3.26.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEW MEXICO
NEW CONTRACT

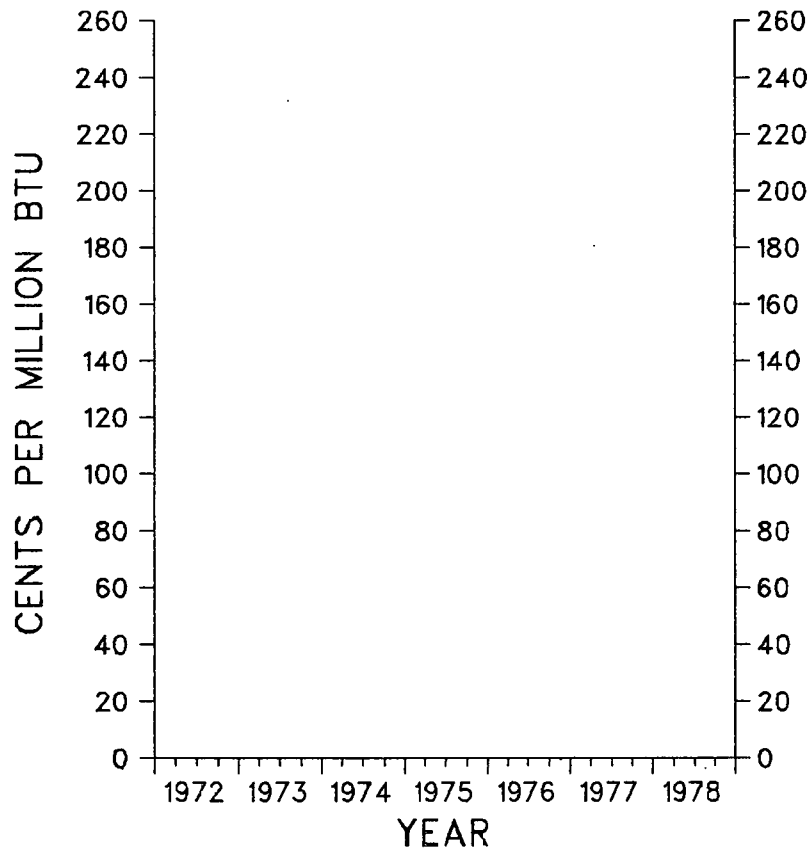


Figure 3.26.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEW MEXICO
SPOT PURCHASE

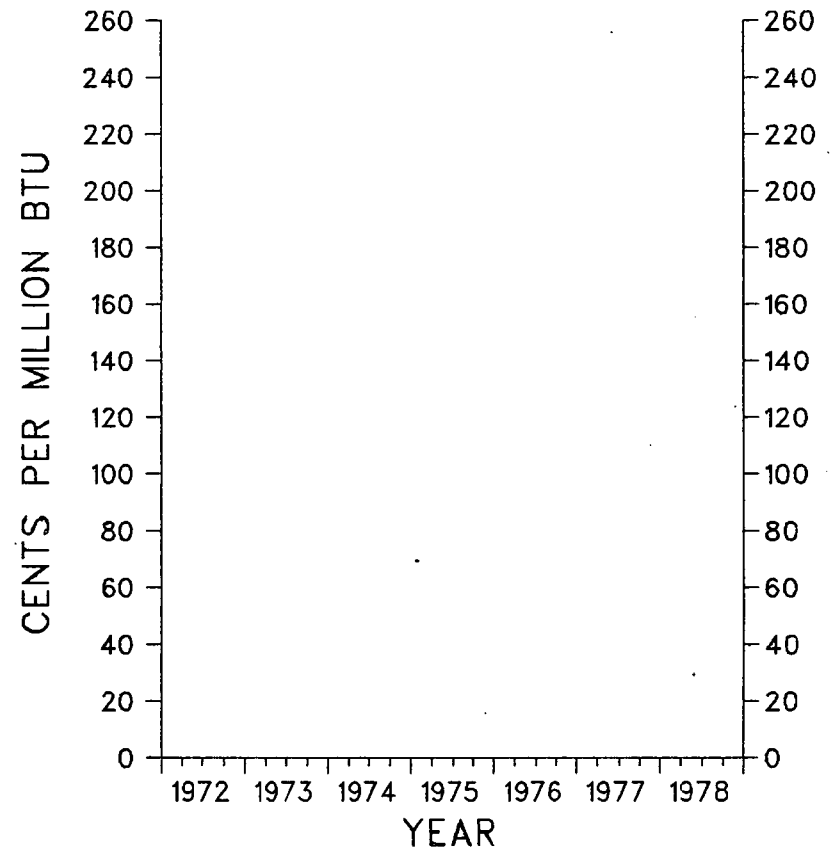


Figure 3.26.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN NEW MEXICO

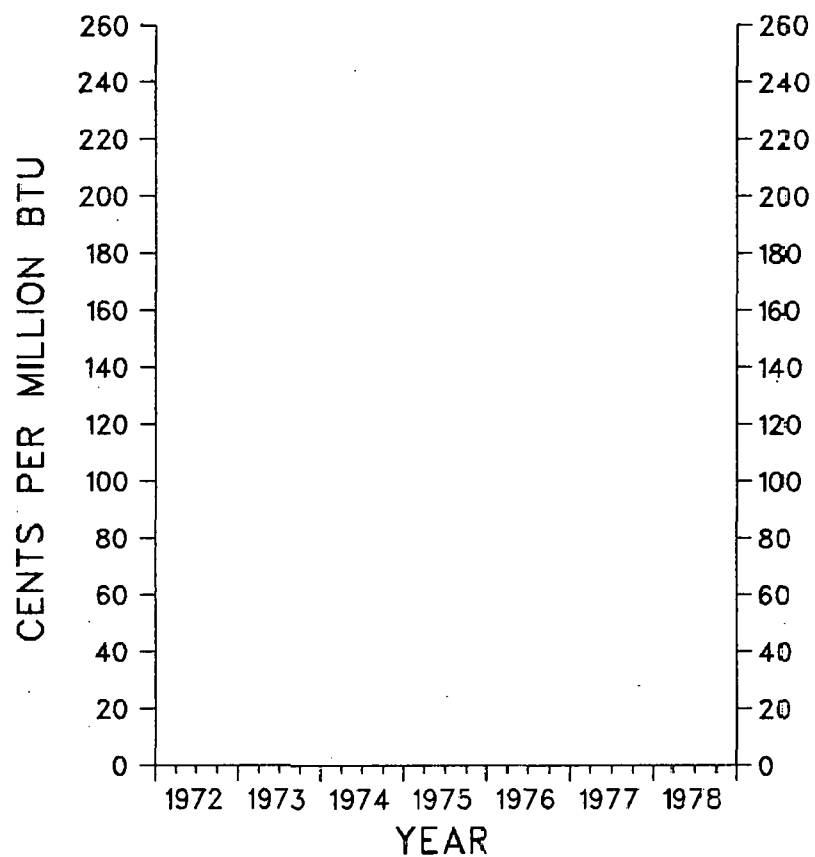


Figure 3.26.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN NEW MEXICO

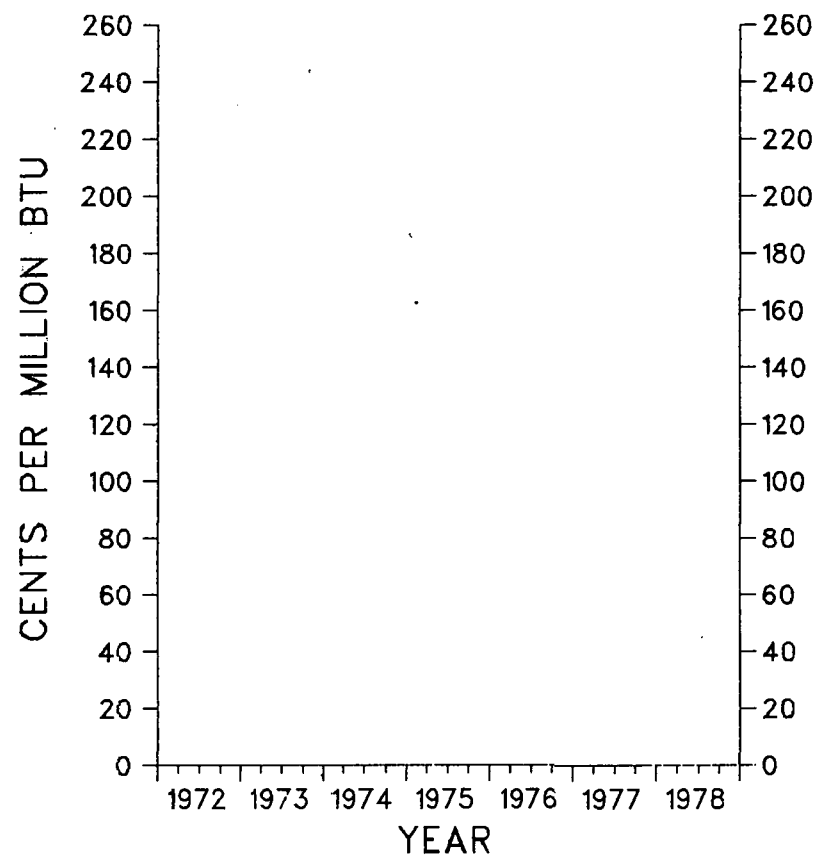


Figure 3.26.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN NEW MEXICO

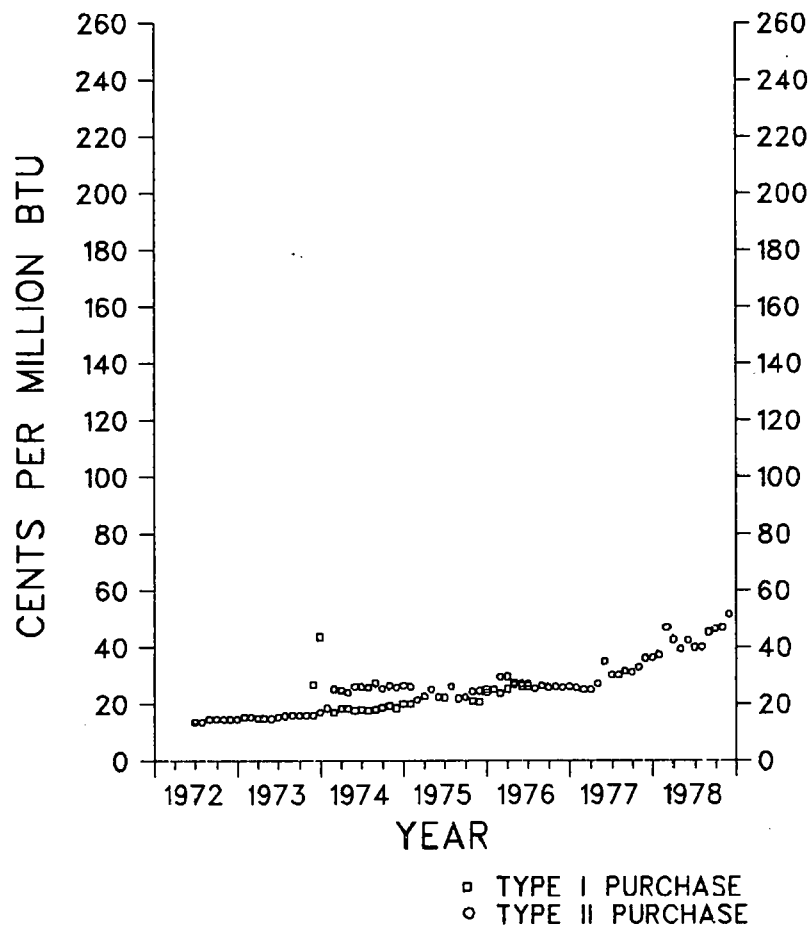


Figure 3.26.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES NEW MEXICO

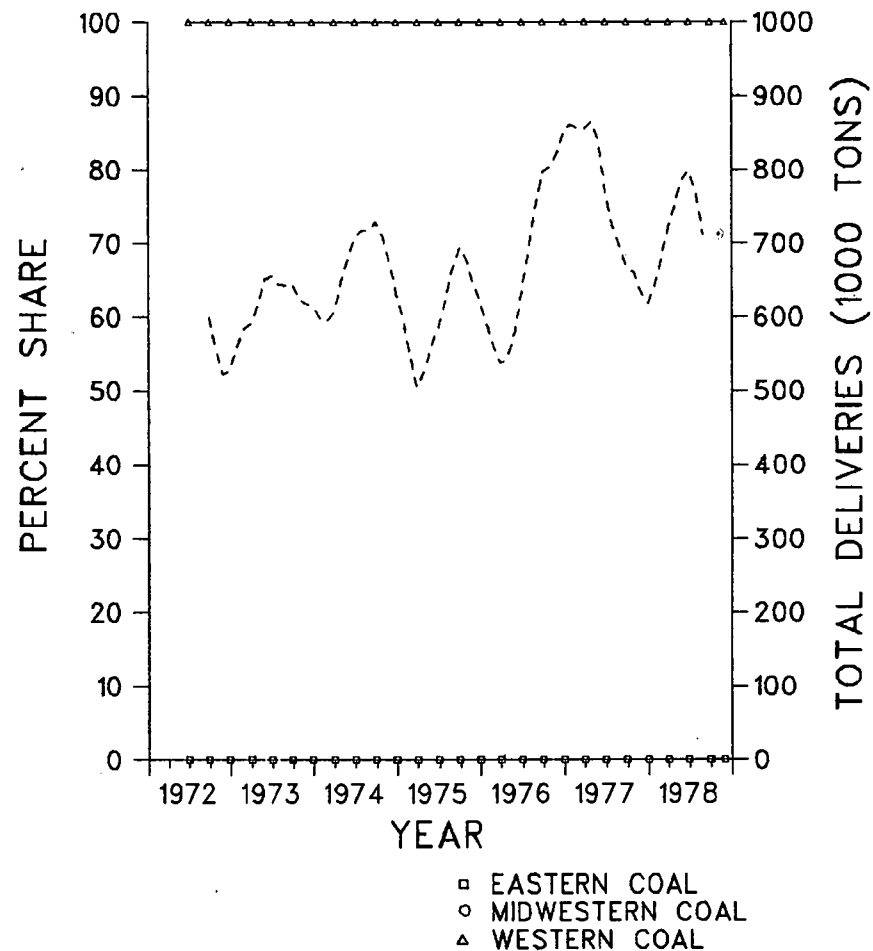


Figure 3.26.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEW YORK
TYPE I PURCHASE

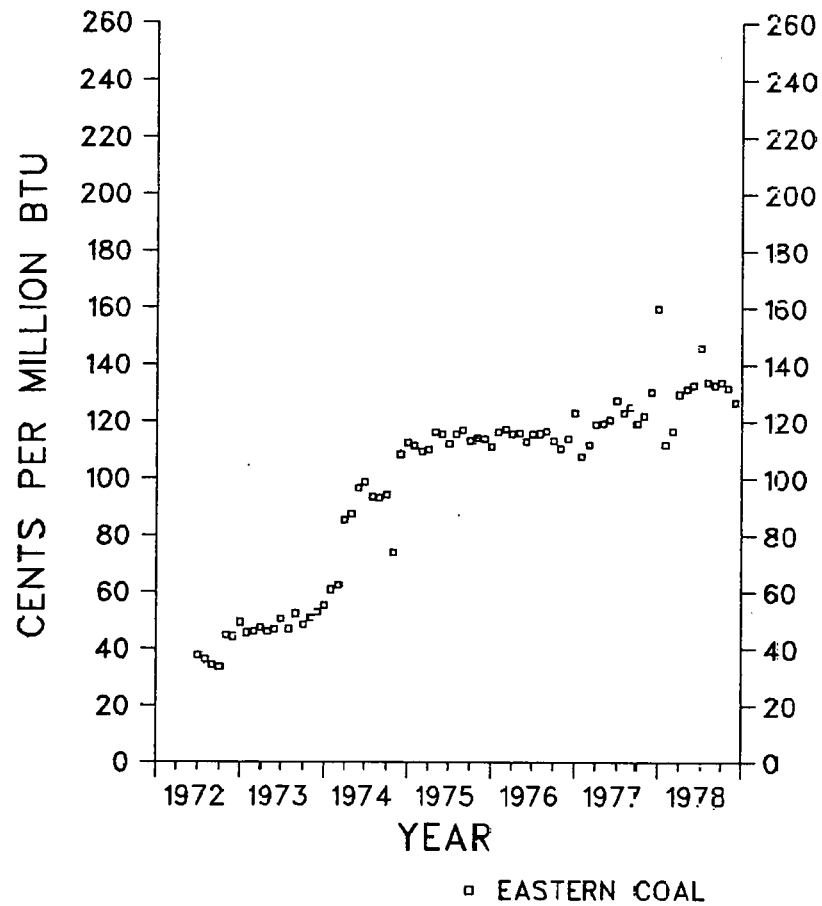


Figure 3.27.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEW YORK
TYPE II PURCHASE

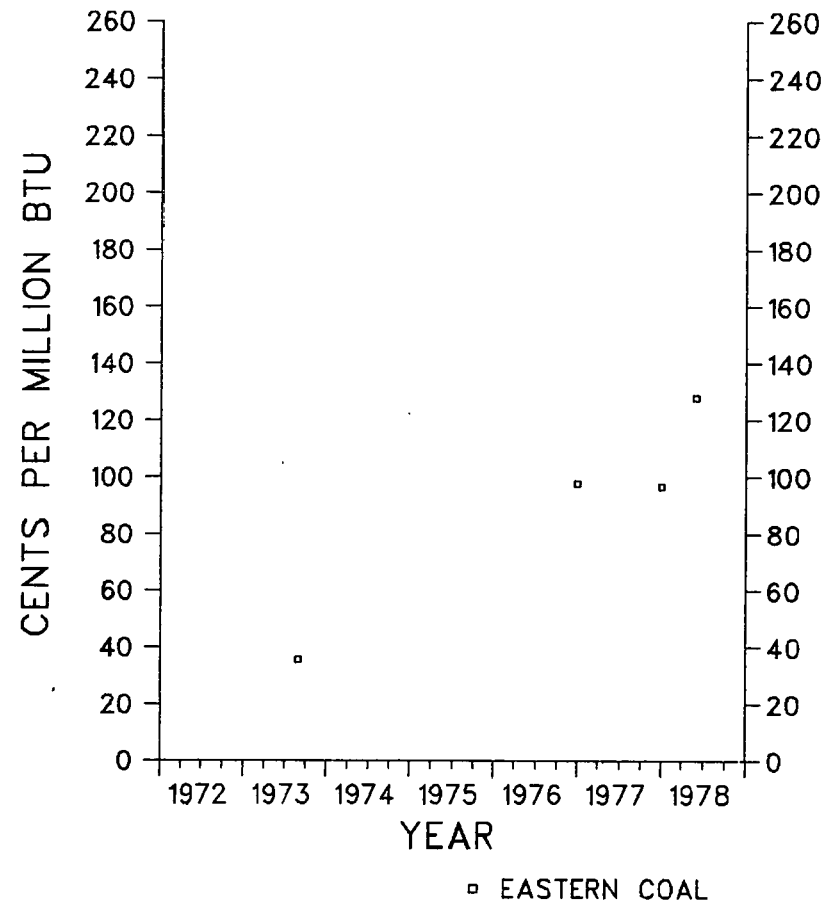


Figure 3.27.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEW YORK
NEW CONTRACT

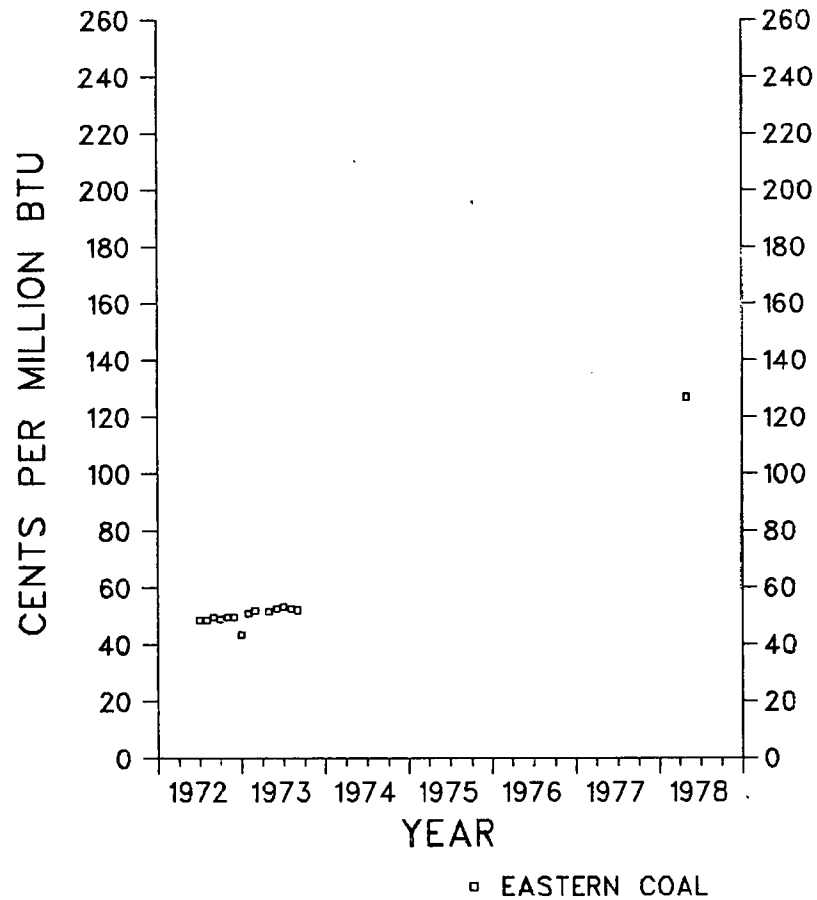


Figure 3.27.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NEW YORK
SPOT PURCHASE

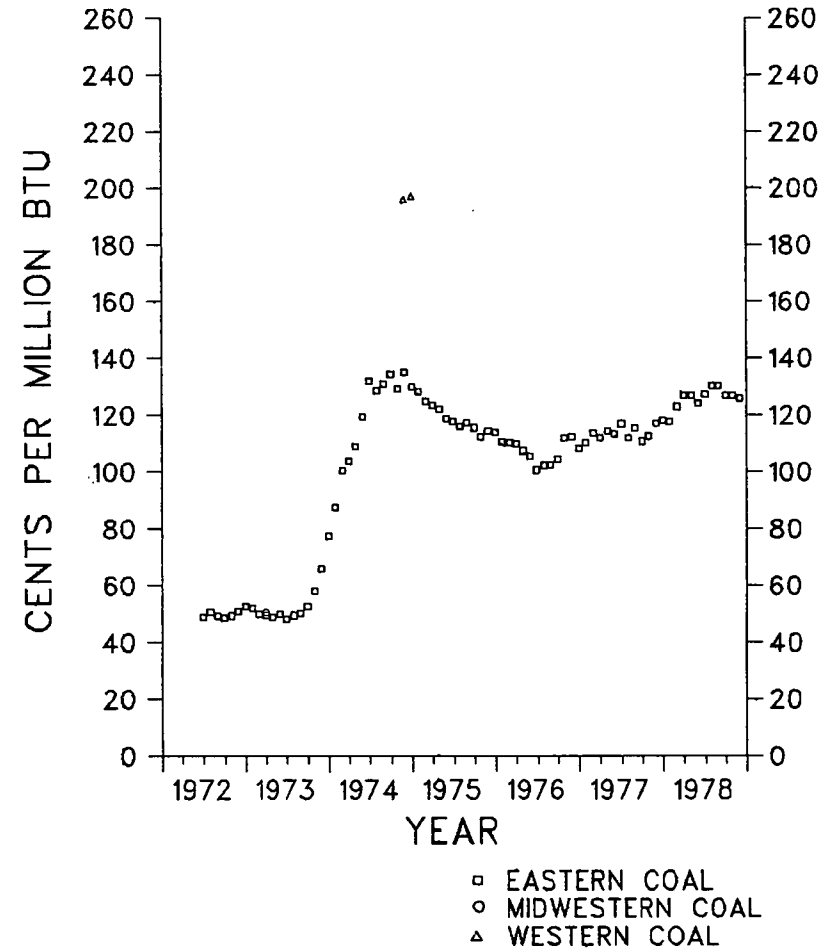


Figure 3.27.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN NEW YORK

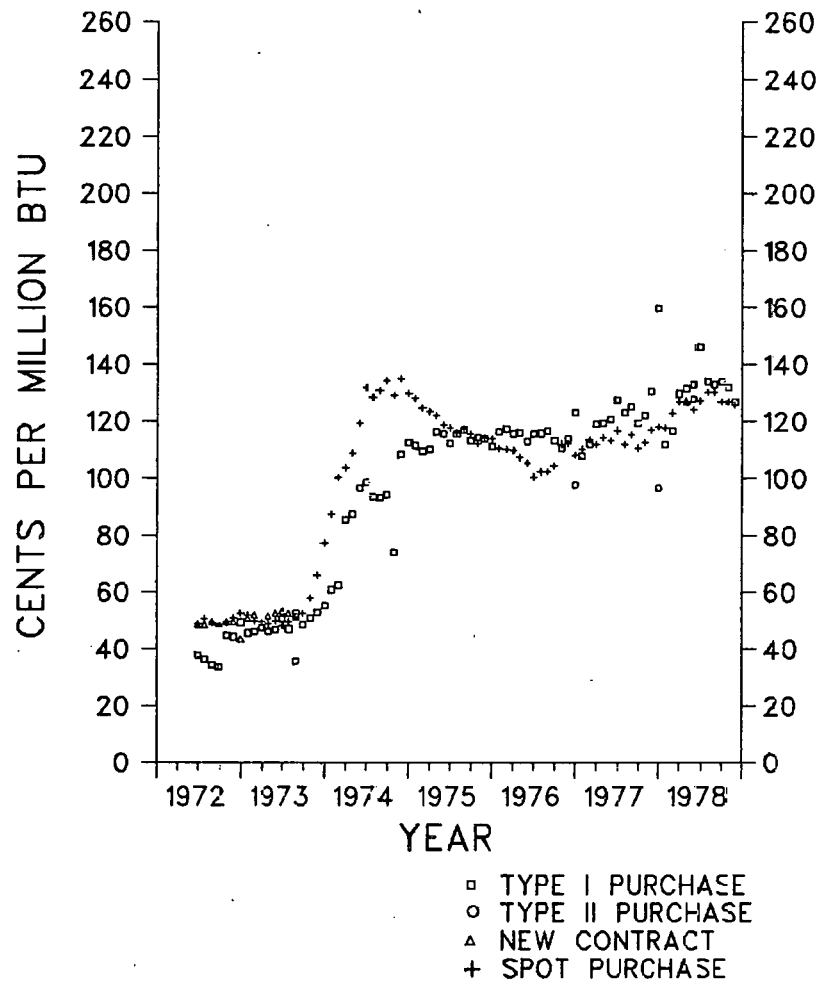


Figure 3.27.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN NEW YORK

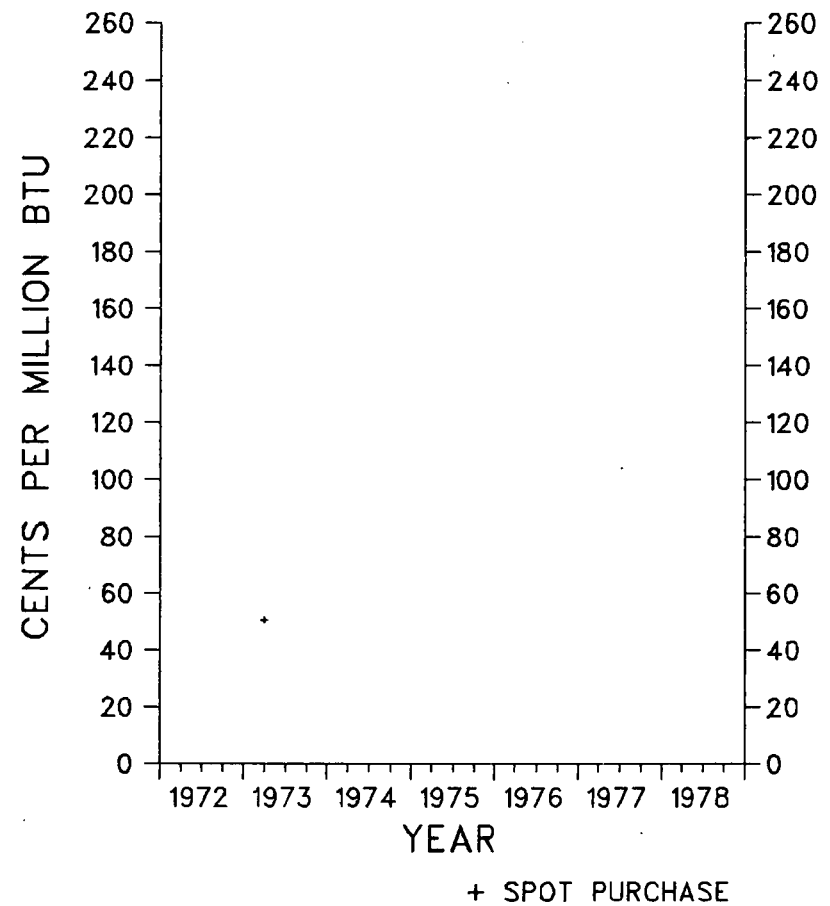


Figure 3.27.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN NEW YORK

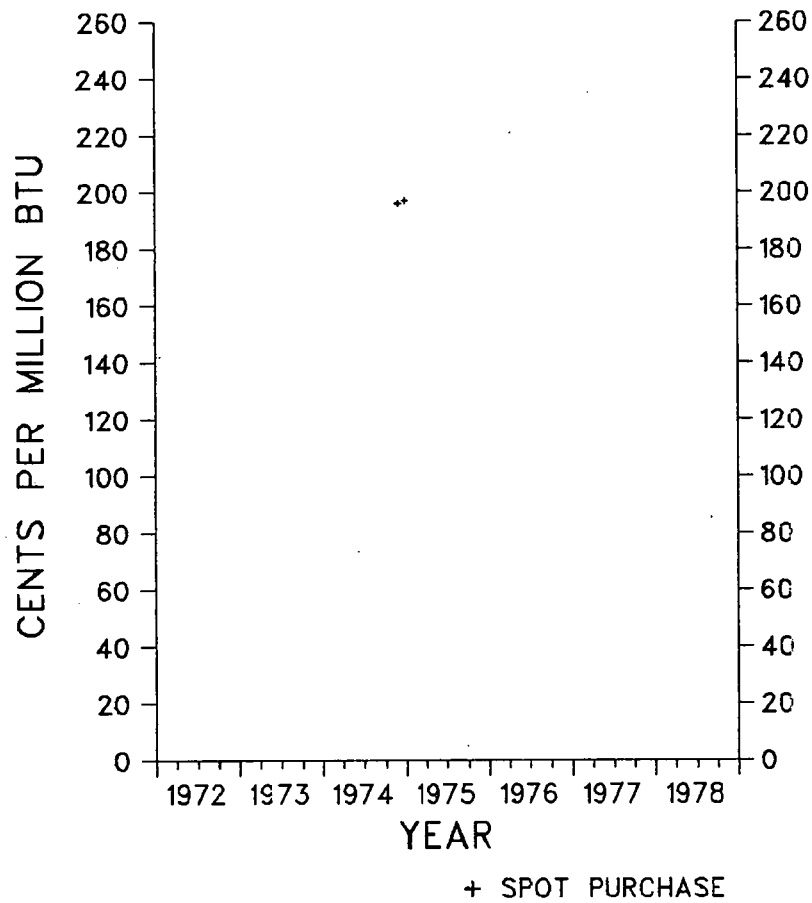


Figure 3.27.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES NEW YORK

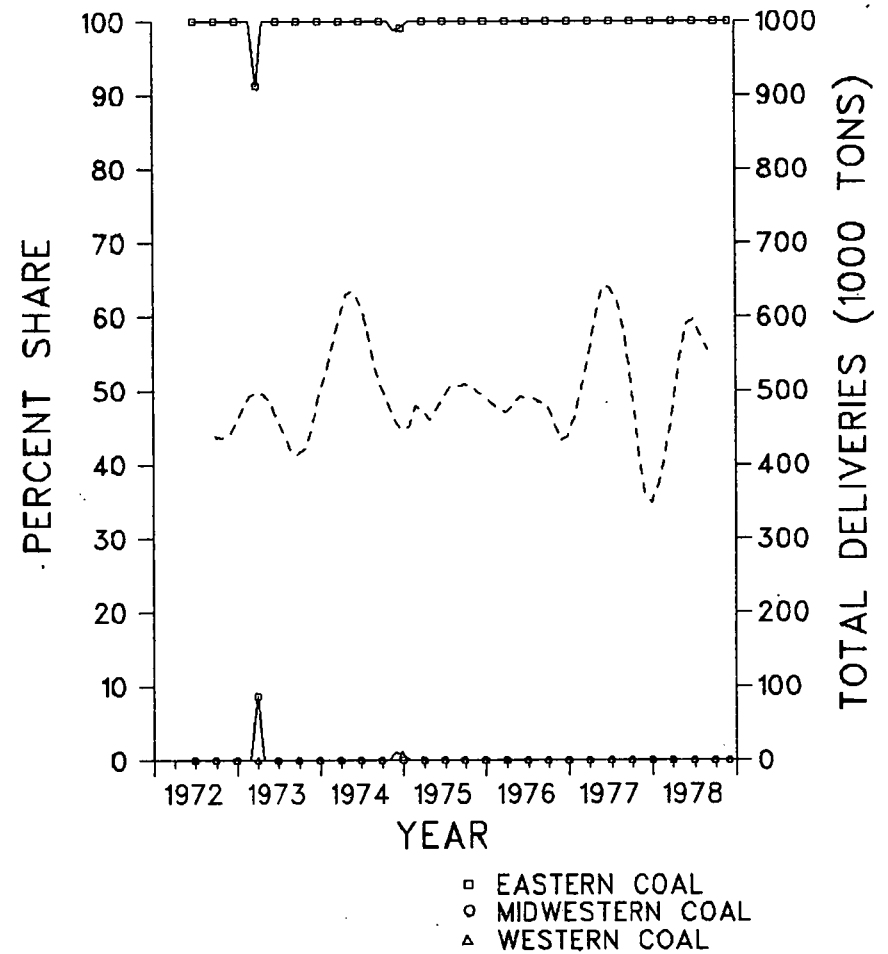


Figure 3.27.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NORTH CAROLINA
TYPE I PURCHASE

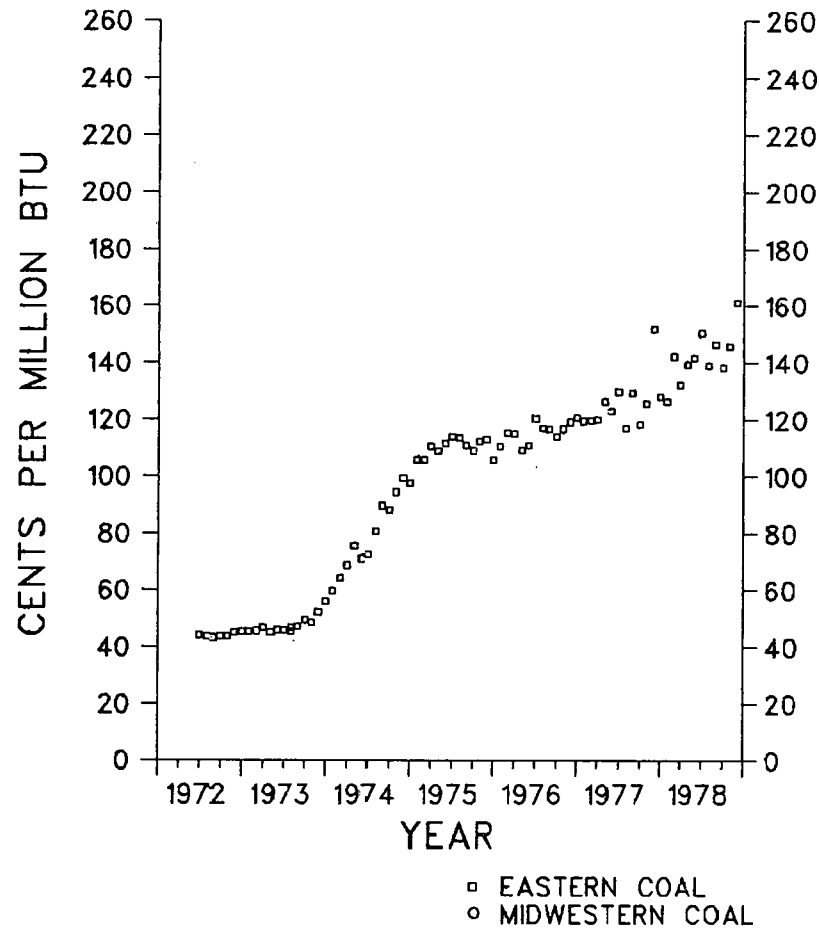


Figure 3.28.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NORTH CAROLINA
TYPE II PURCHASE

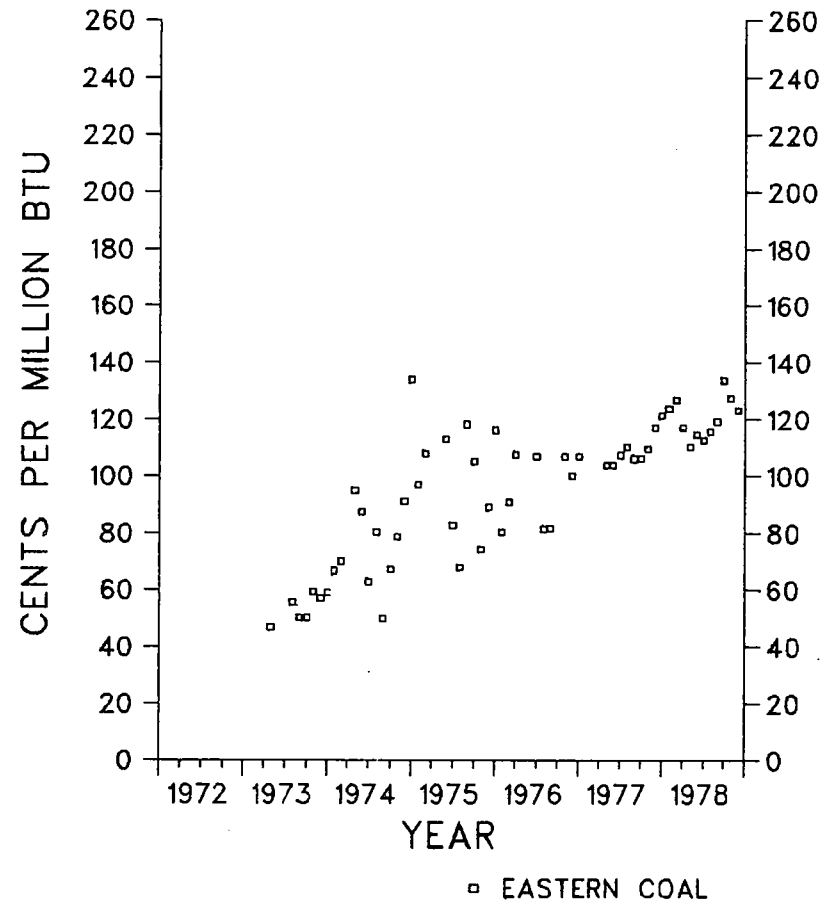


Figure 3.28.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NORTH CAROLINA
NEW CONTRACT

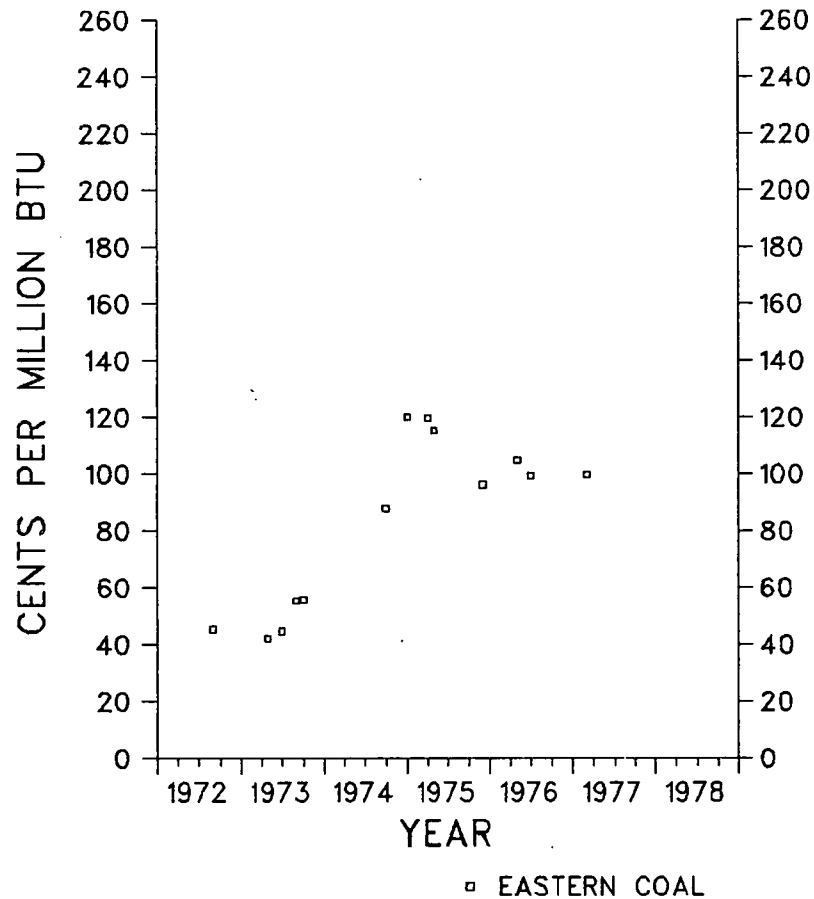


Figure 3.28.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NORTH CAROLINA
SPOT PURCHASE

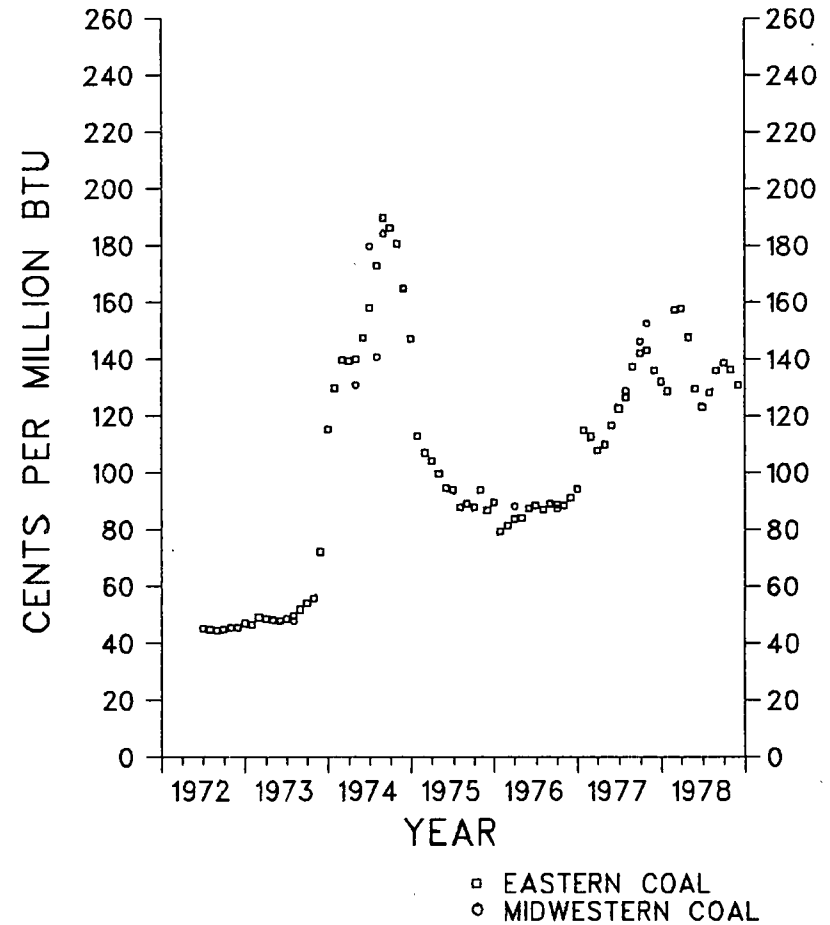


Figure 3.28.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN NORTH CAROLINA

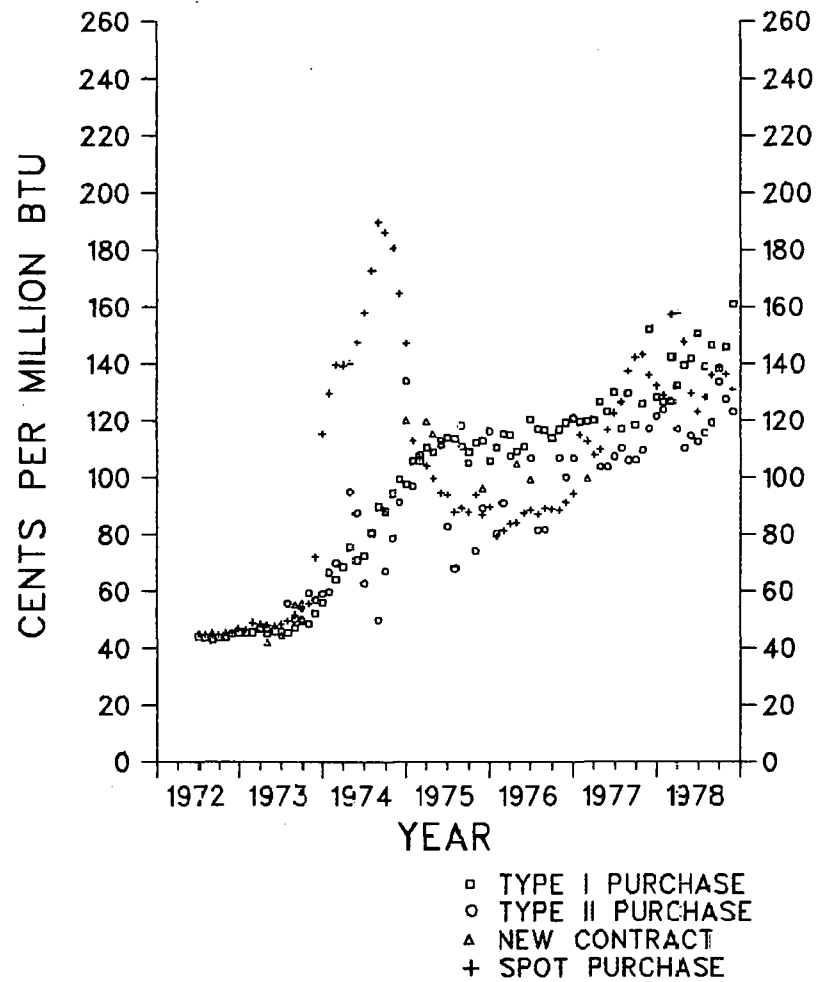


Figure 3.28.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN NORTH CAROLINA

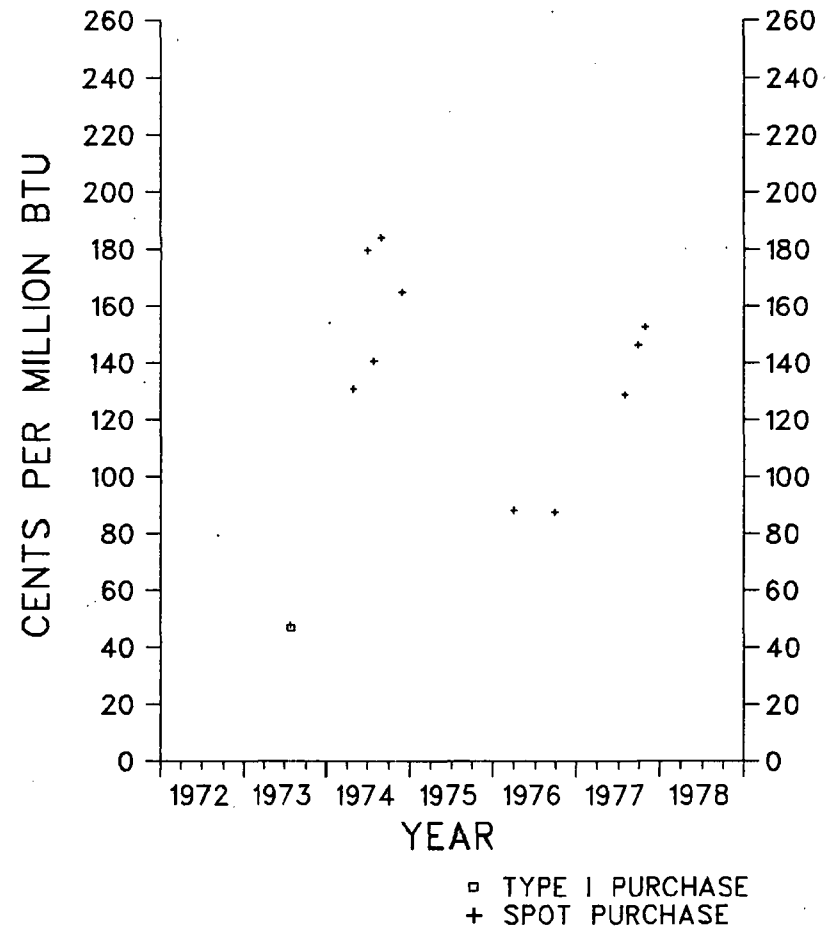


Figure 3.28.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN NORTH CAROLINA

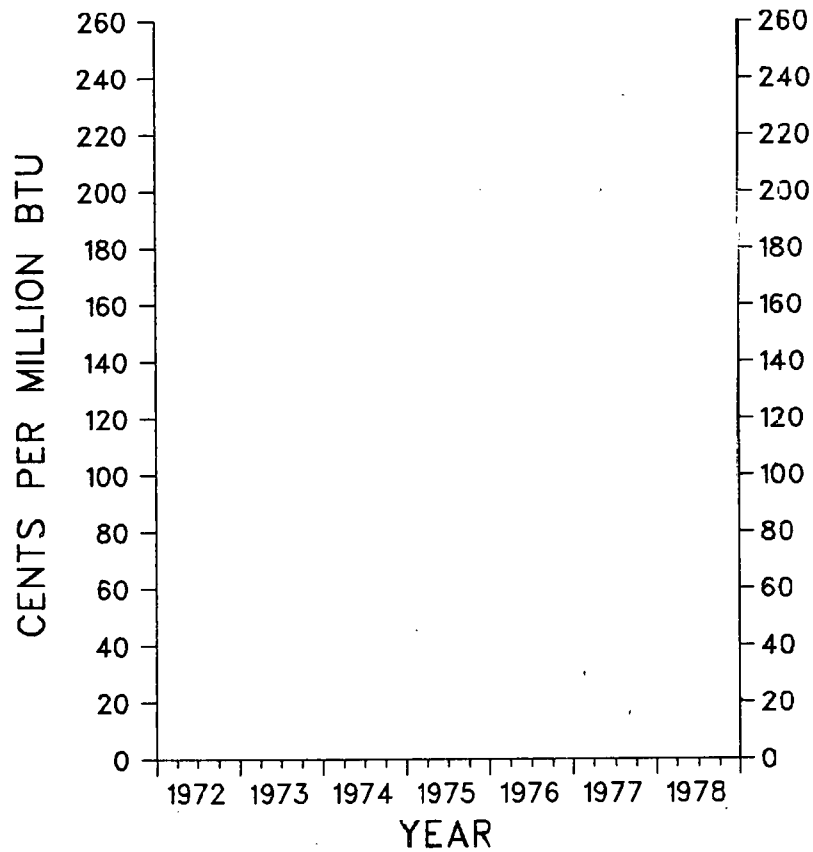


Figure 3.28.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES NORTH CAROLINA

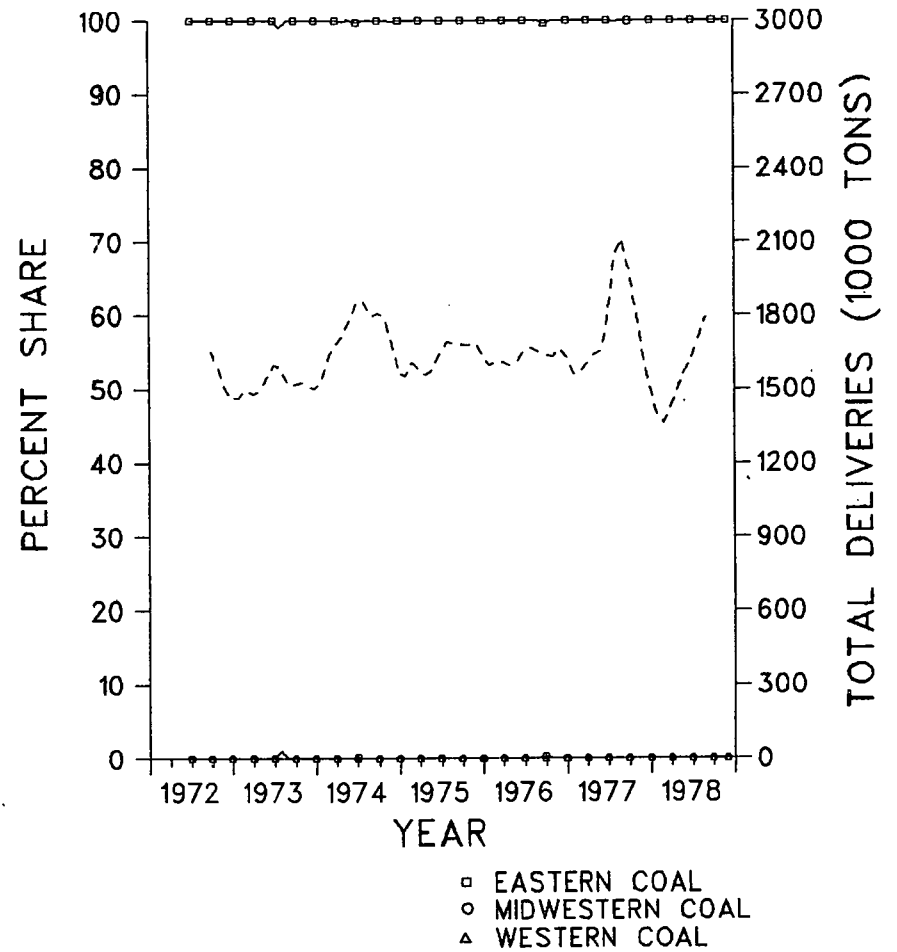


Figure 3.28.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NORTH DAKOTA
TYPE I PURCHASE

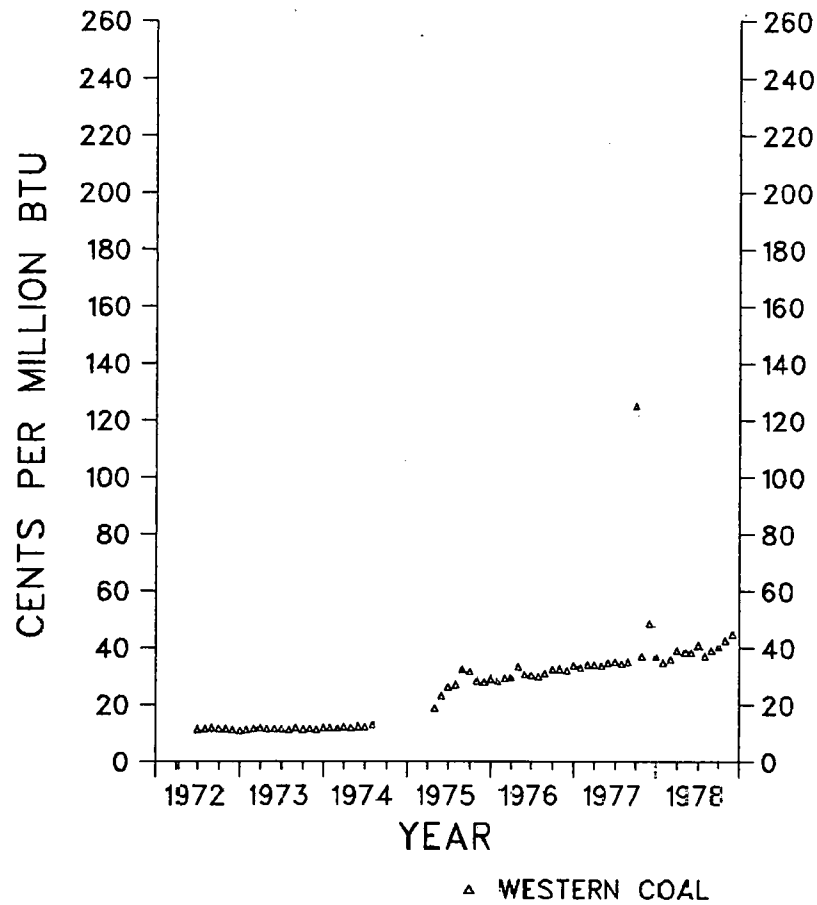


Figure 3.29.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NORTH DAKOTA
TYPE II PURCHASE

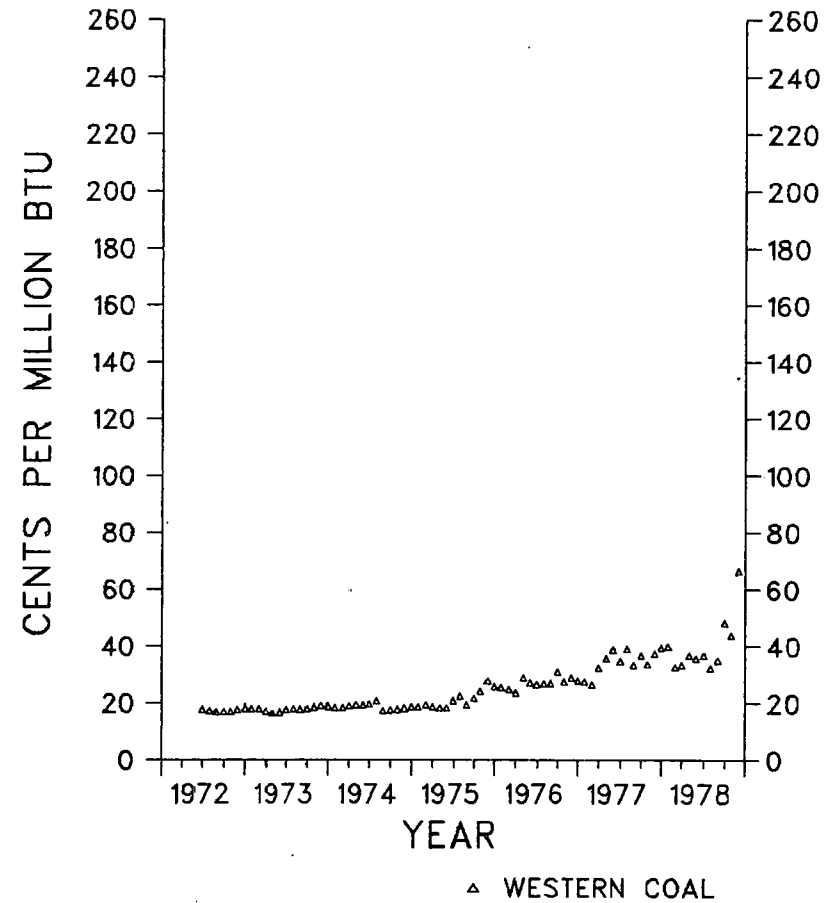


Figure 3.29.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NORTH DAKOTA
NEW CONTRACT

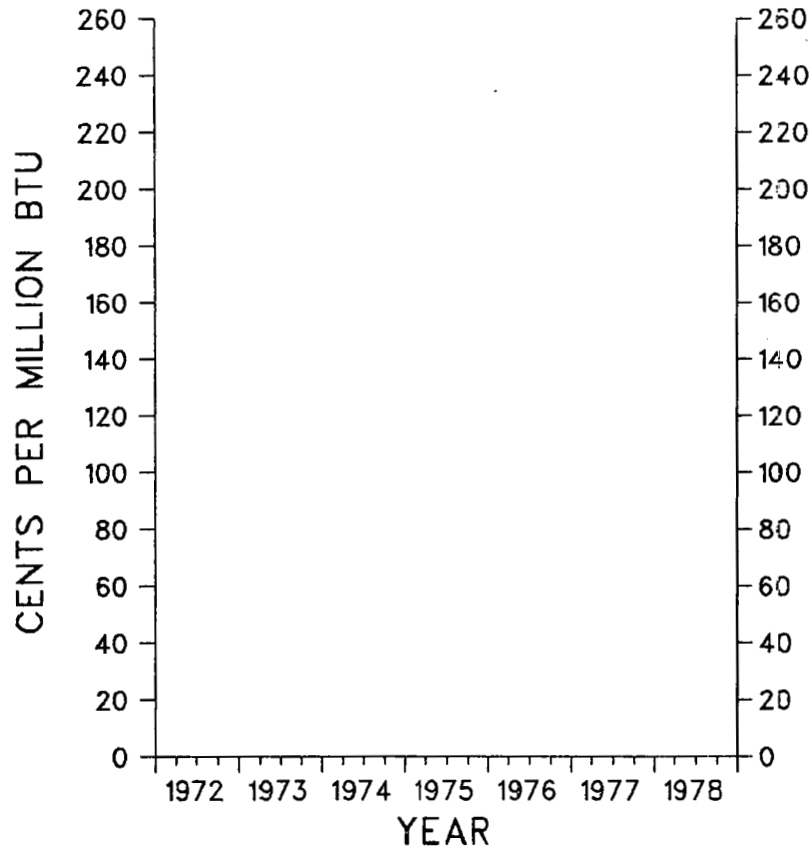


Figure 3.29.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN NORTH DAKOTA
SPOT PURCHASE

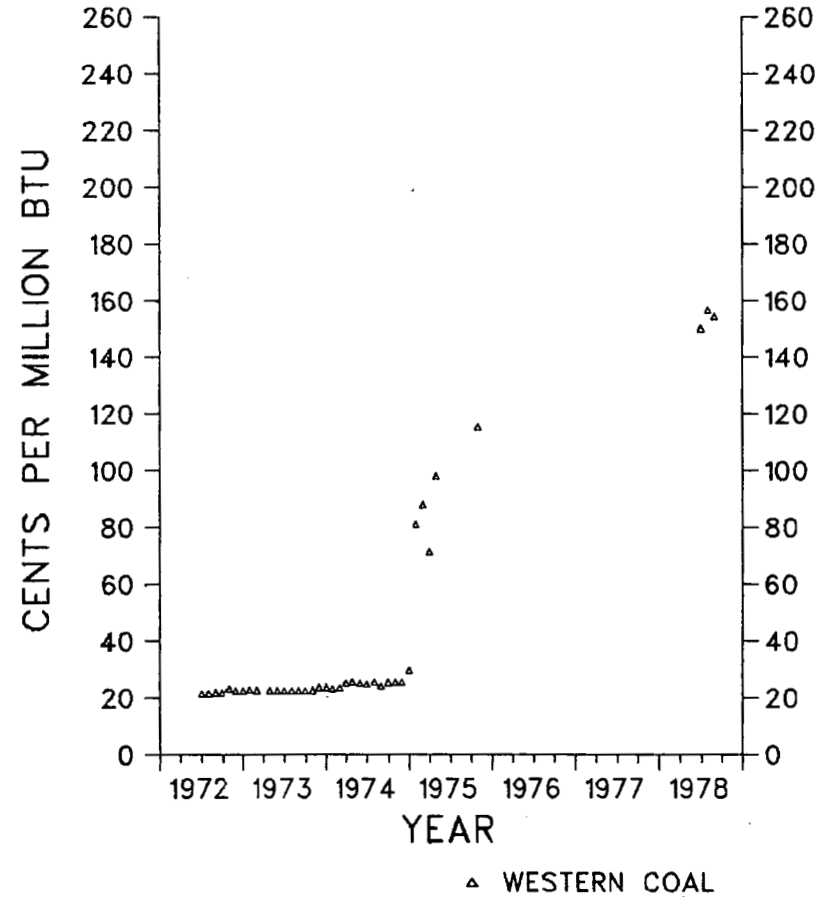


Figure 3.29.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN NORTH DAKOTA

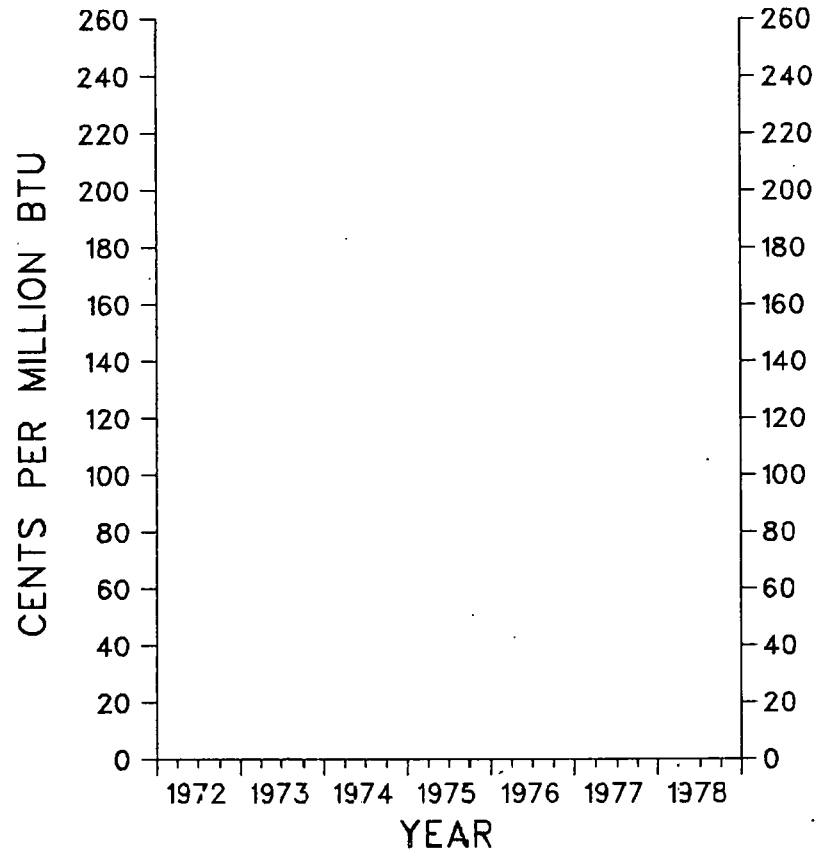


Figure 3.29.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN NORTH DAKOTA

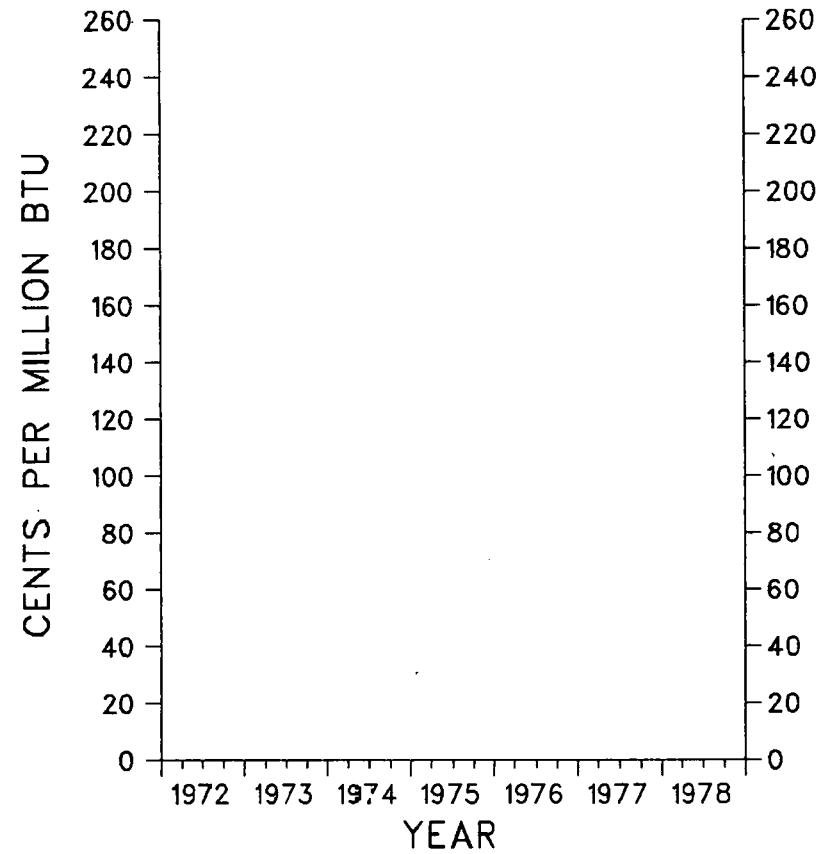


Figure 3.29.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN NORTH DAKOTA

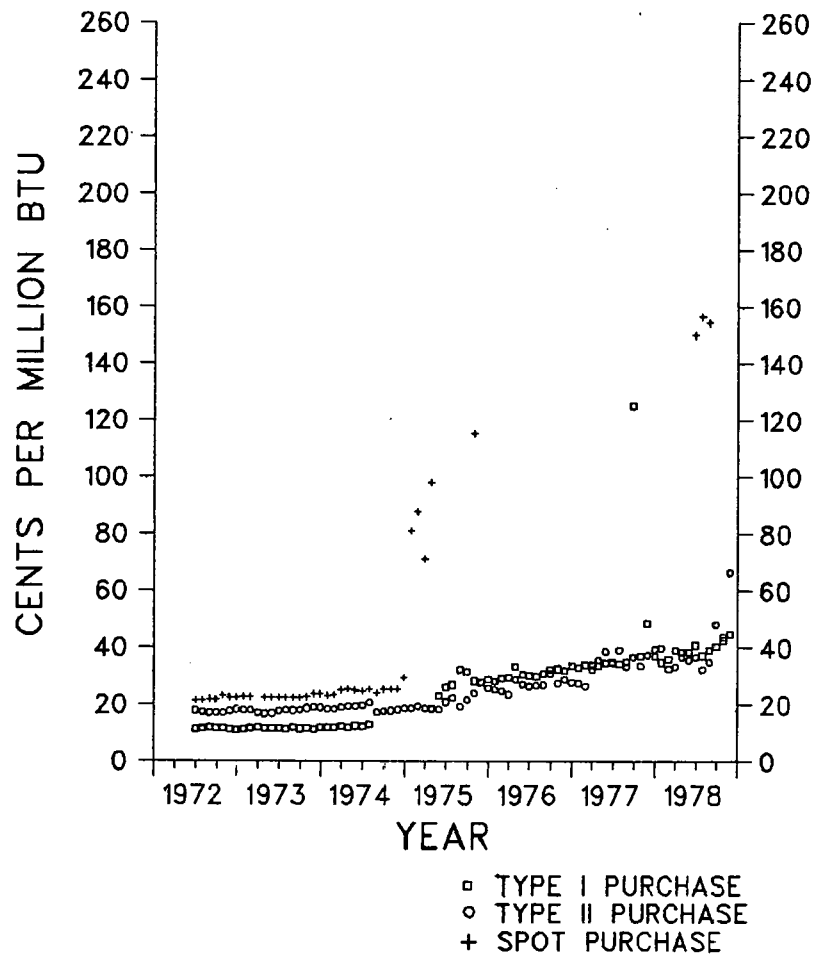


Figure 3.29.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES NORTH DAKOTA

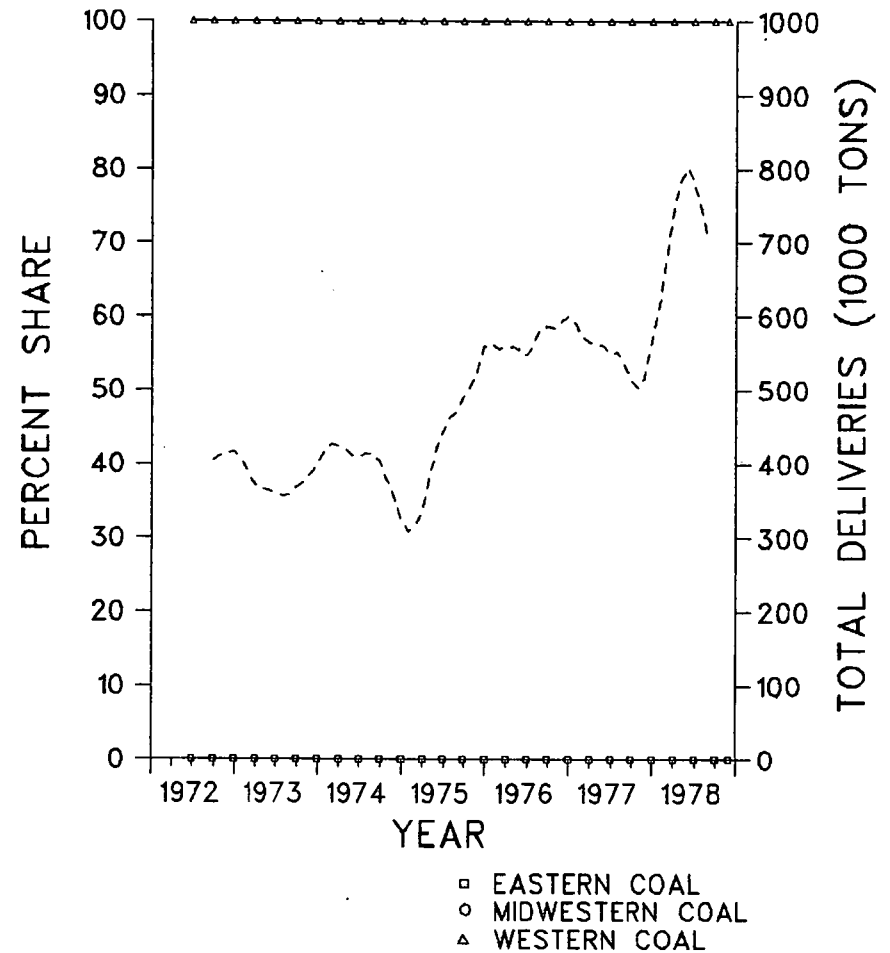


Figure 3.29.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN OHIO
TYPE I PURCHASE

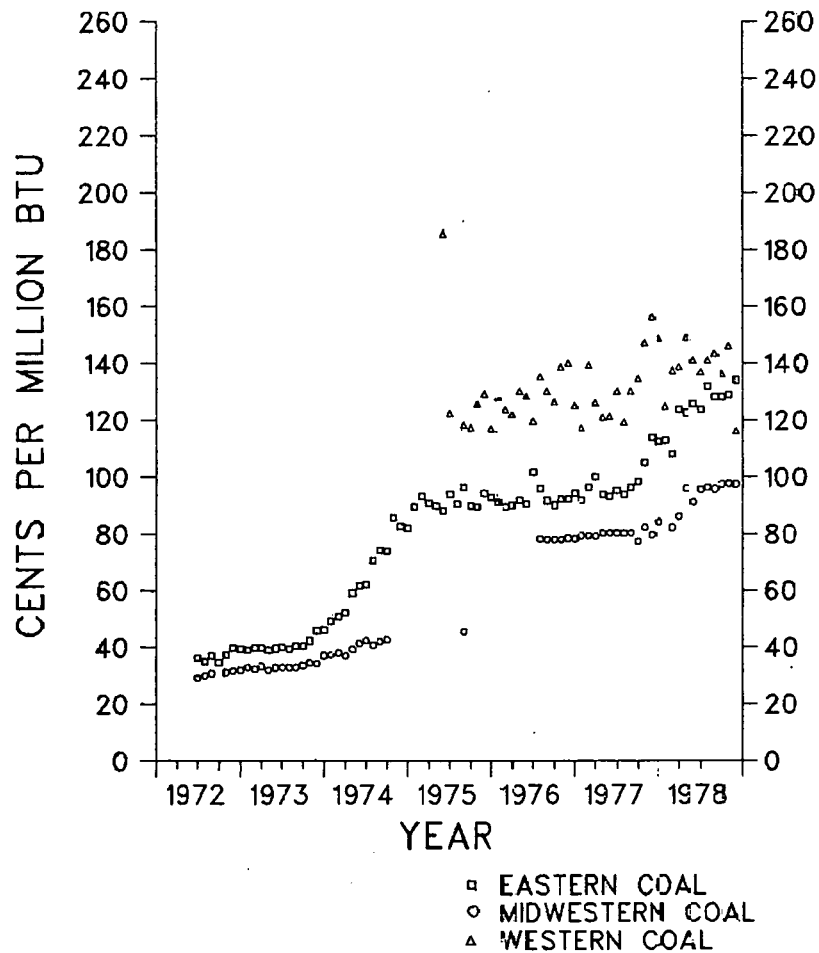


Figure 3.30.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN OHIO
TYPE II PURCHASE

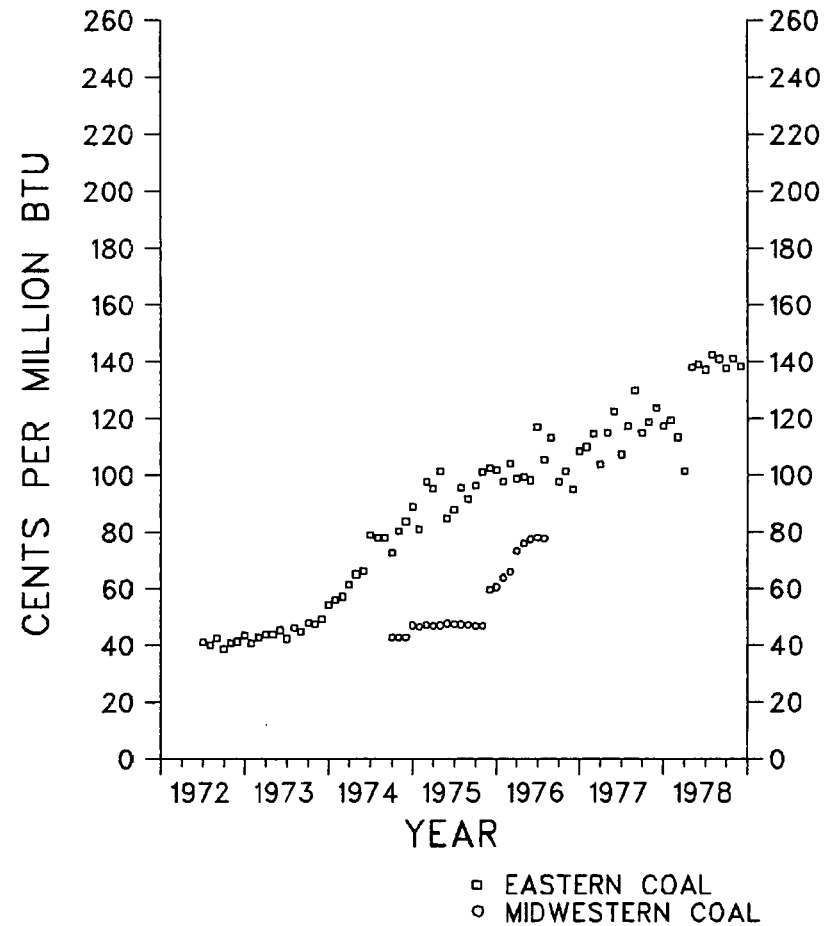


Figure 3.30.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN OHIO
NEW CONTRACT

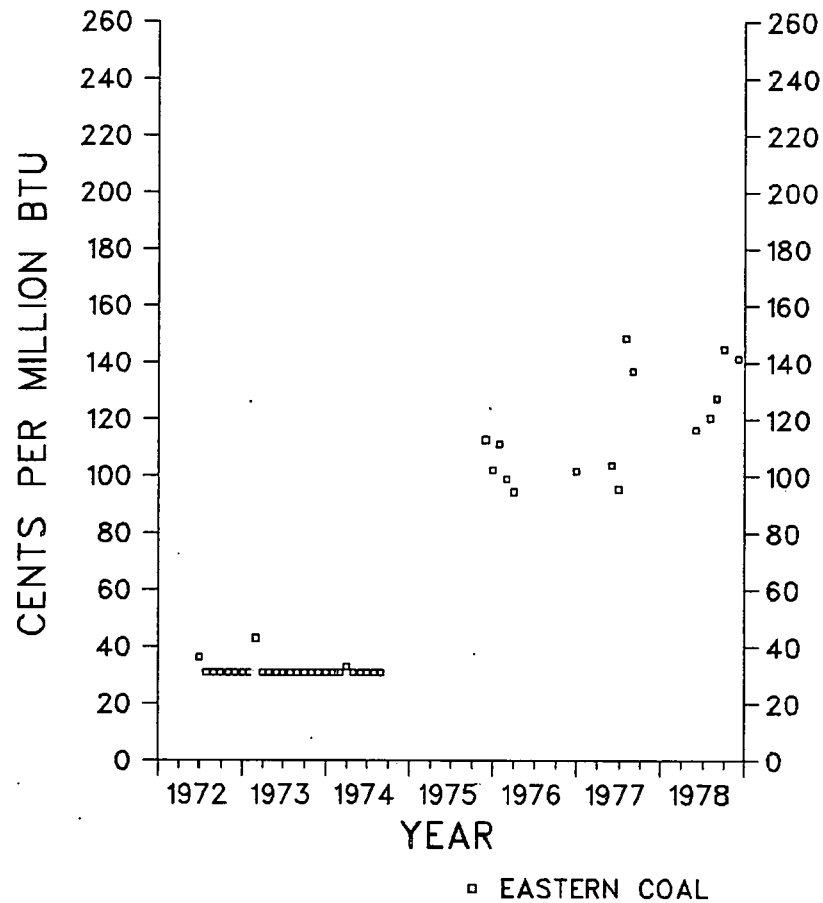


Figure 3.30.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN OHIO
SPOT PURCHASE

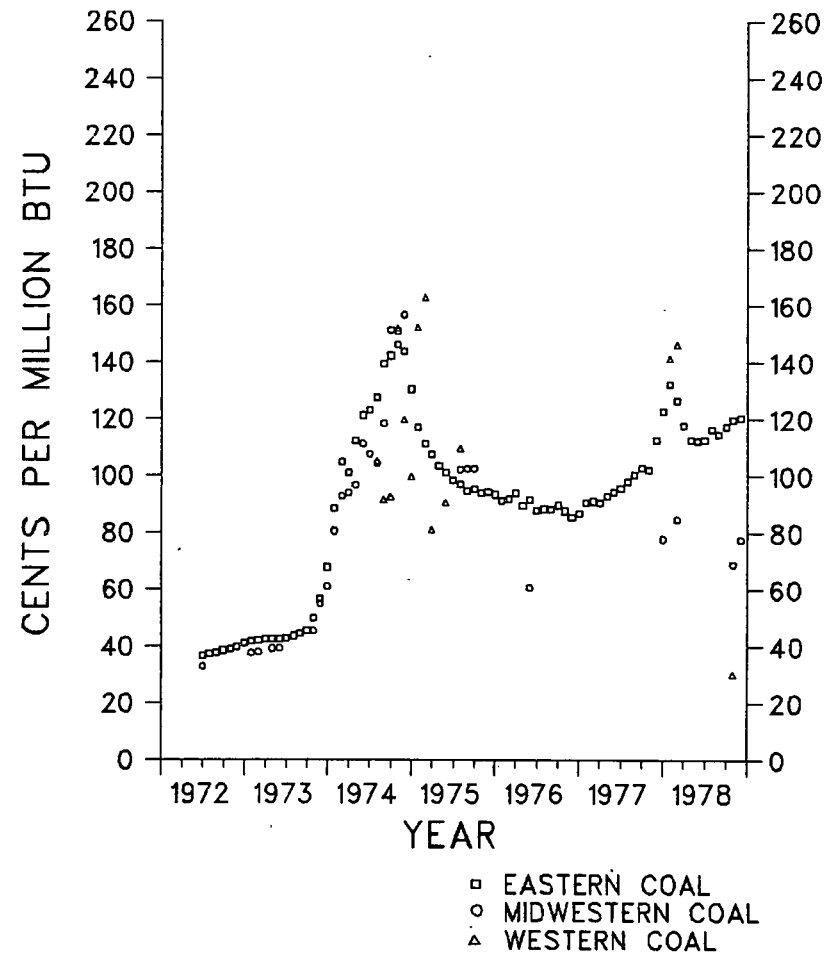


Figure 3.30.4

PRICES OF EASTERN COAL BY TYPE OF PURCHASE IN OHIO

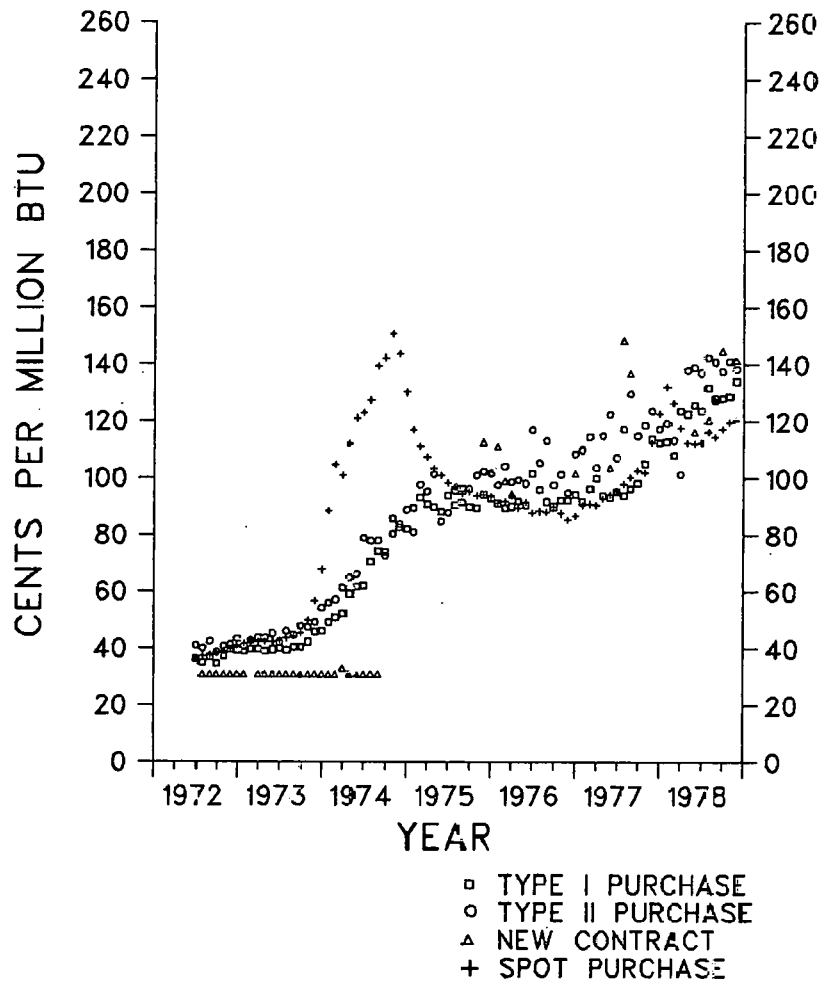


Figure 3.30.5

PRICES OF MIDWESTERN COAL BY TYPE OF PURCHASE IN OHIO

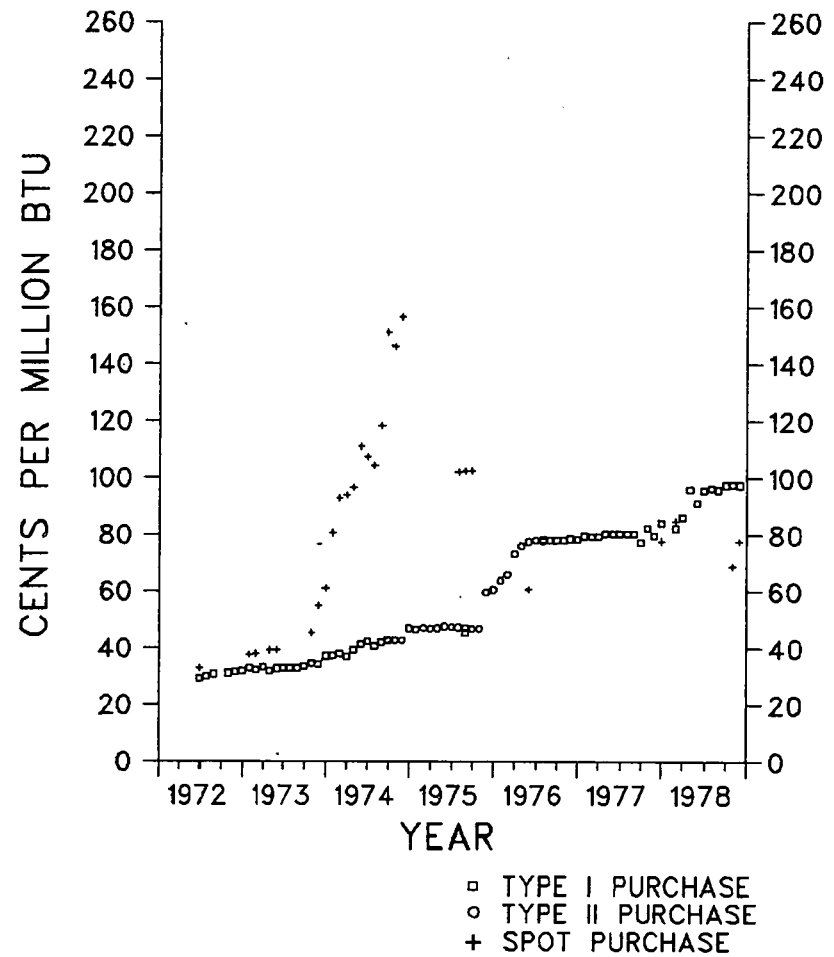


Figure 3.30.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN OHIO

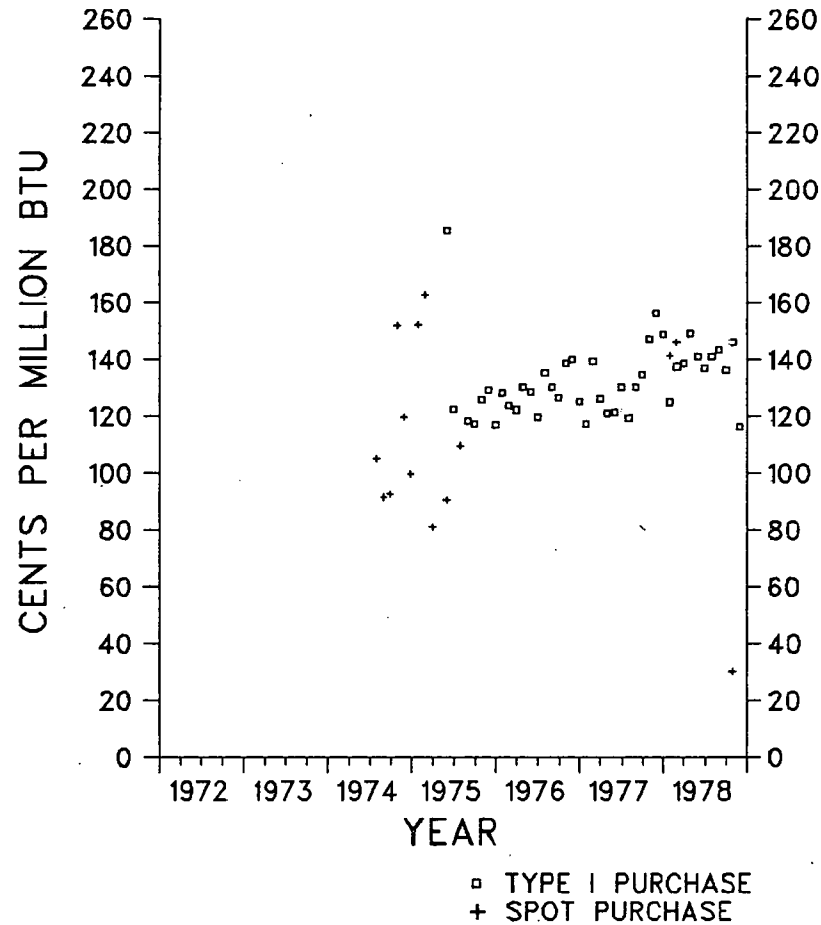


Figure 3.30.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES OHIO

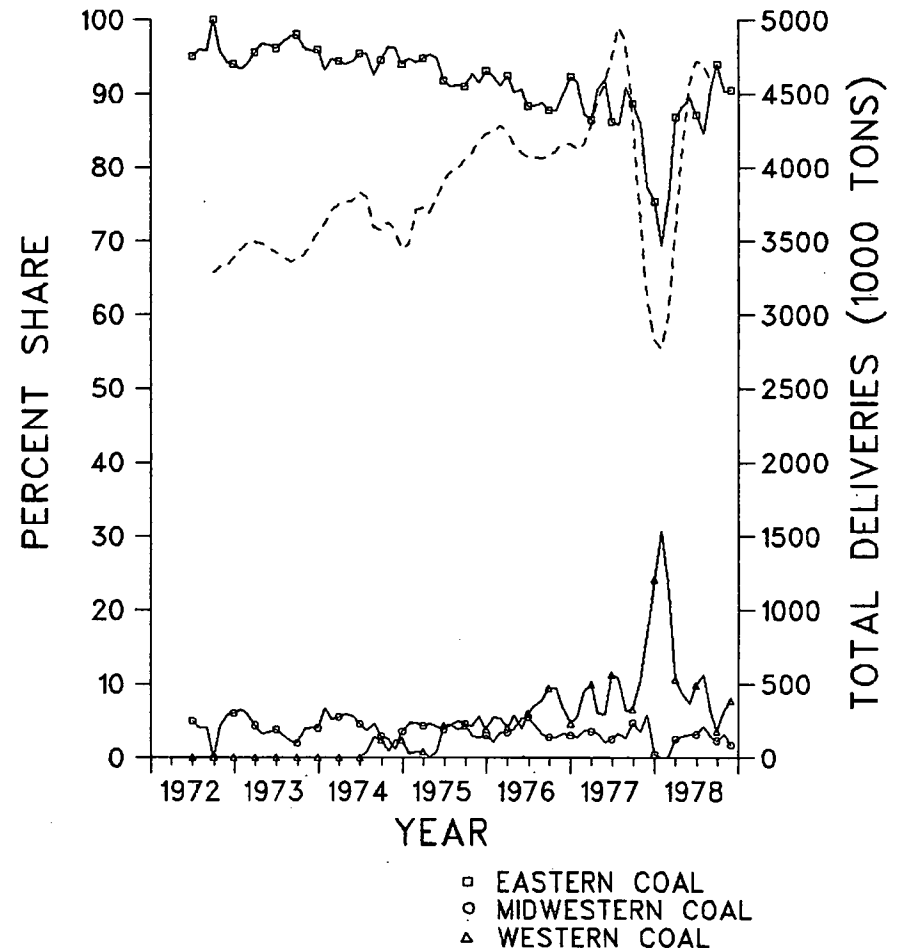


Figure 3.30.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN PENNSYLVANIA
TYPE I PURCHASE

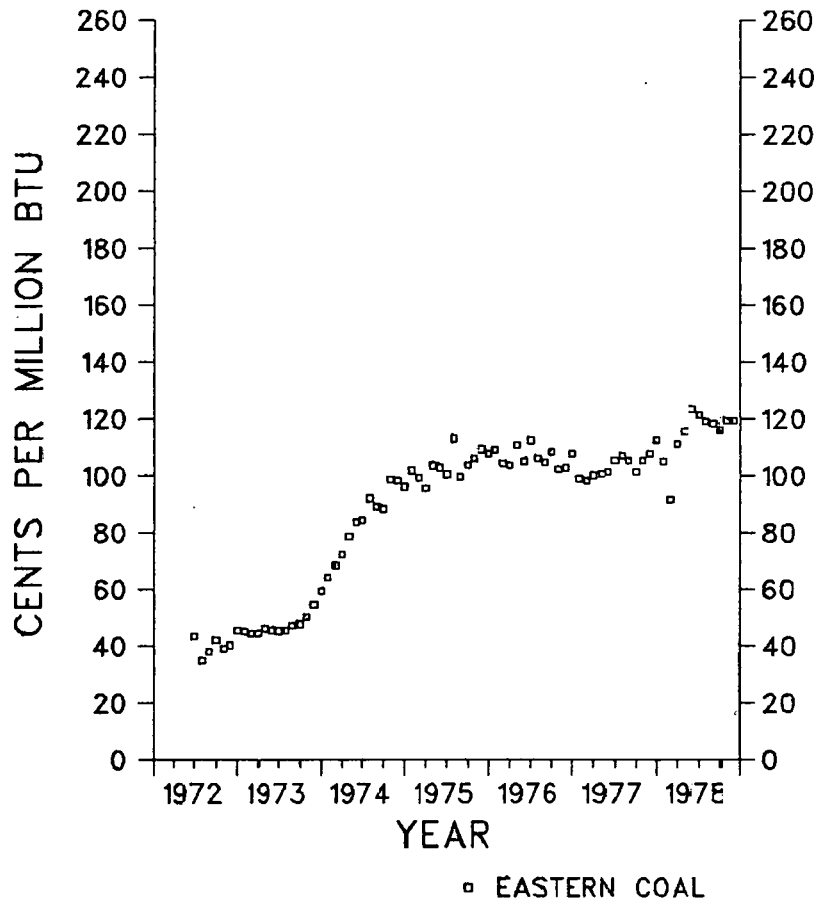


Figure 3.31.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN PENNSYLVANIA
TYPE II PURCHASE

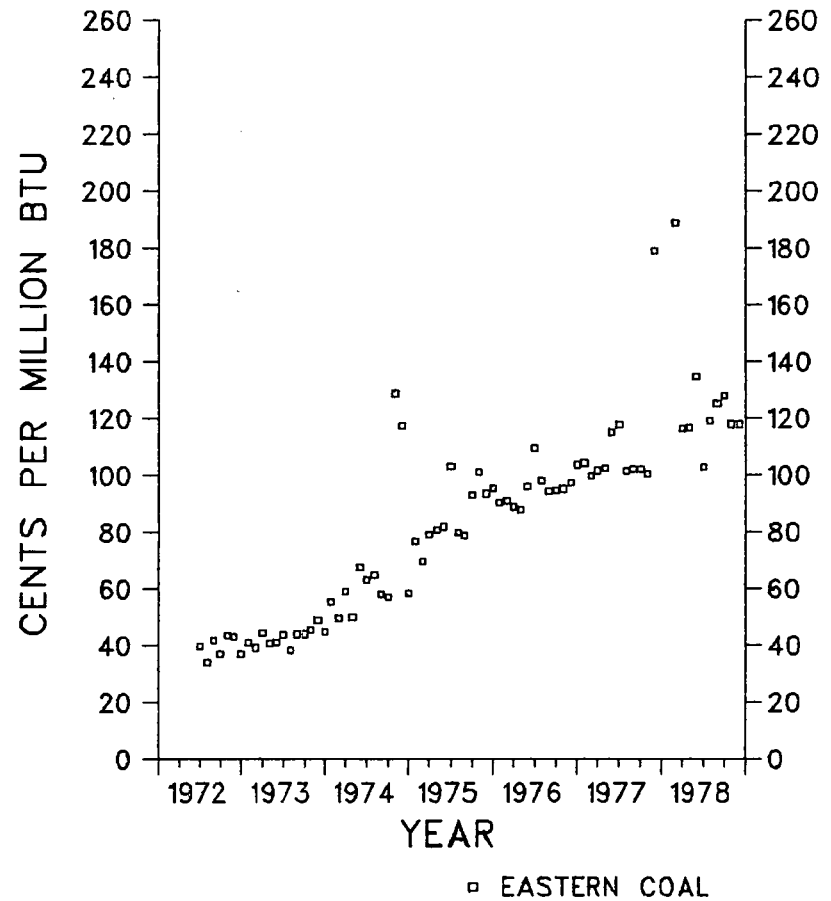


Figure 3.31.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN PENNSYLVANIA
NEW CONTRACT

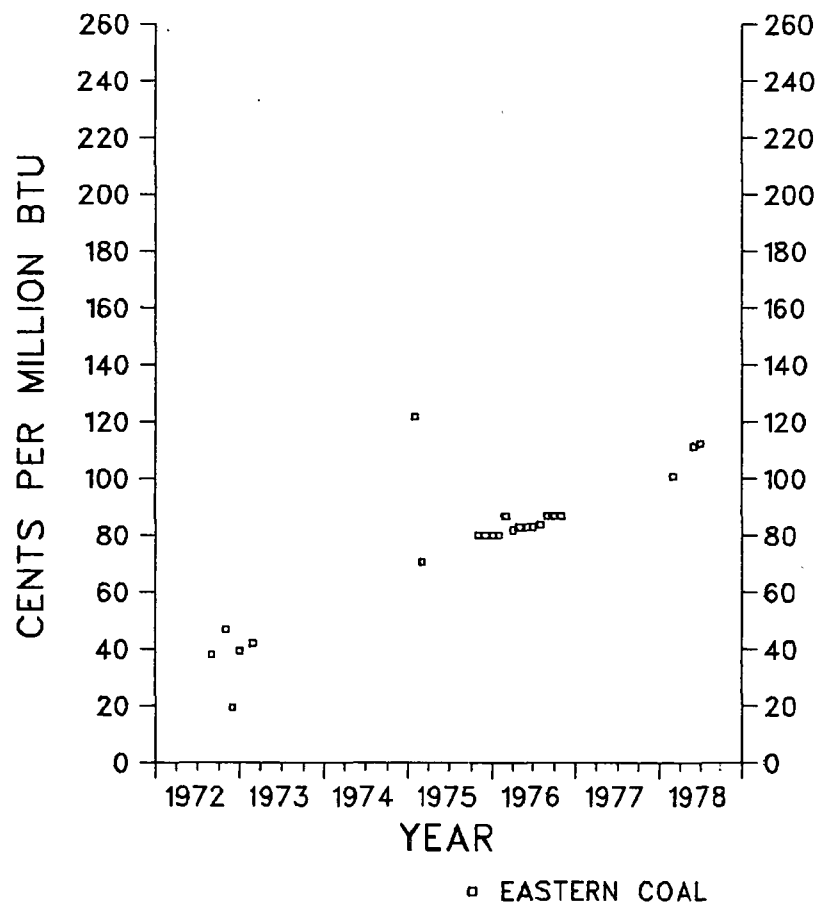


Figure 3.31.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN PENNSYLVANIA
SPOT PURCHASE

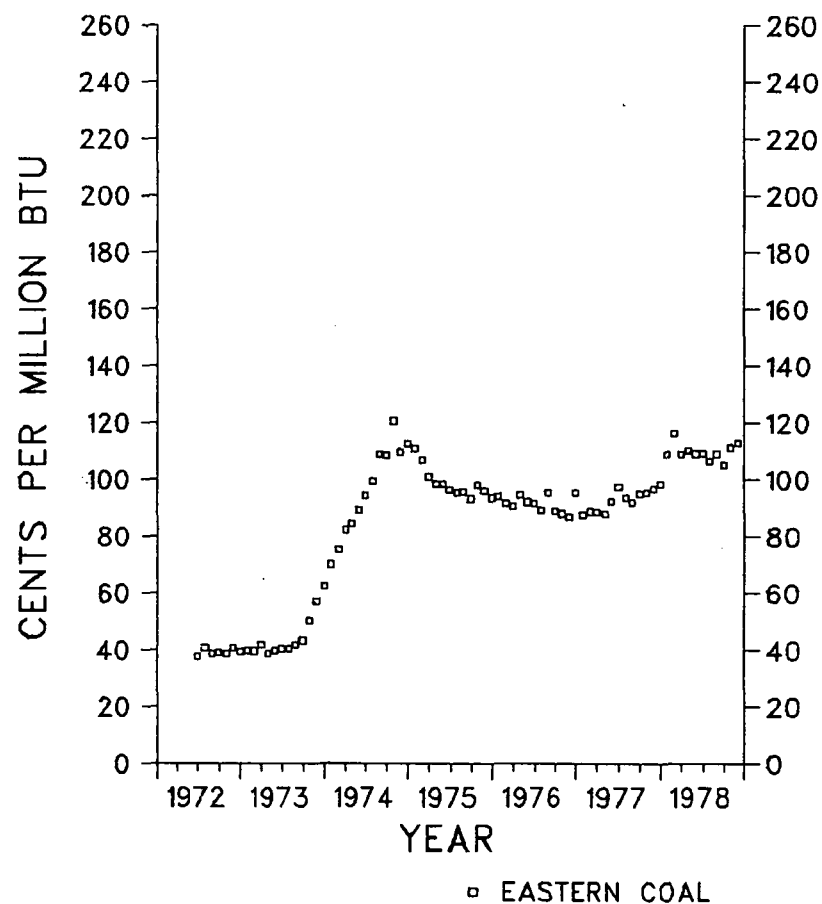


Figure 3.31.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN PENNSYLVANIA

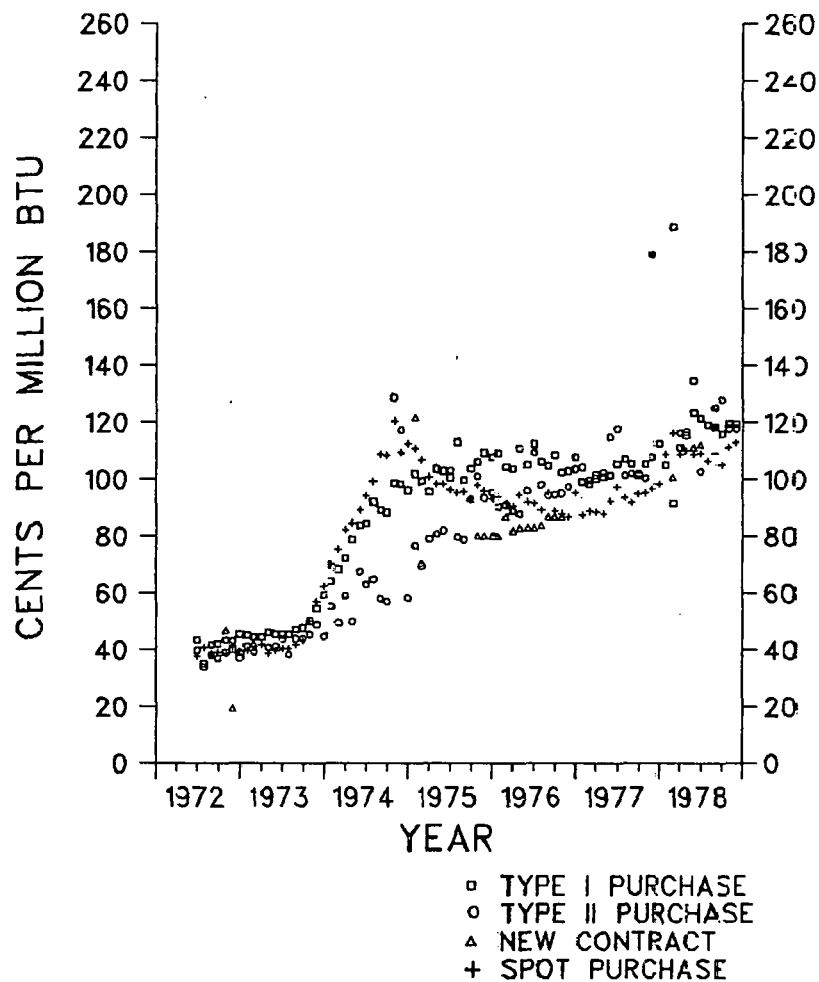


Figure 3.31.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN PENNSYLVANIA

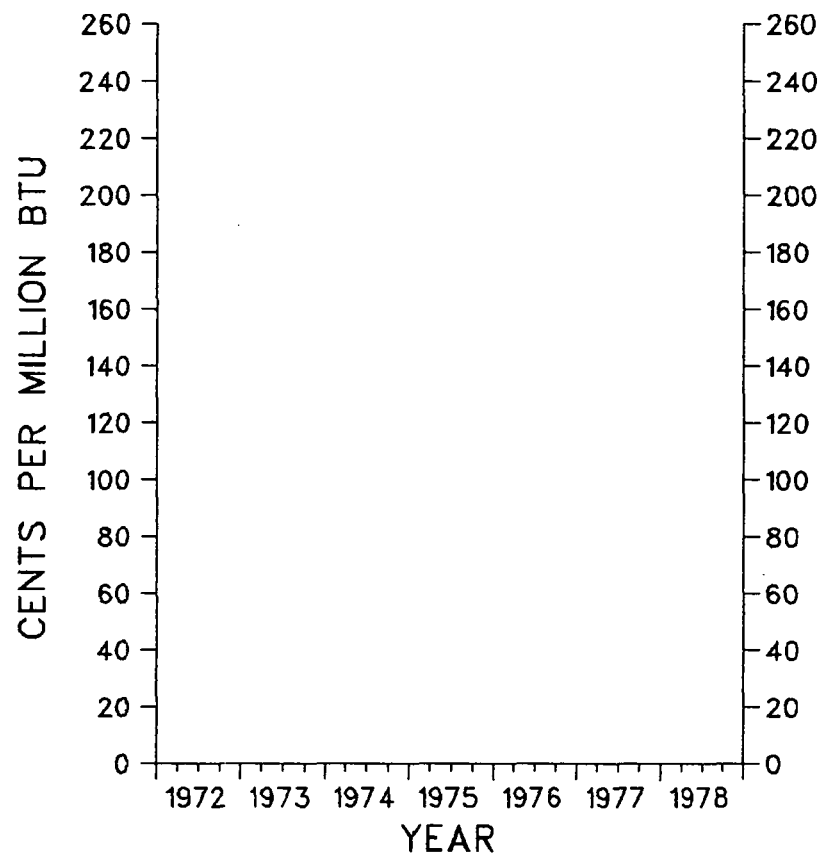


Figure 3.31.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN PENNSYLVANIA

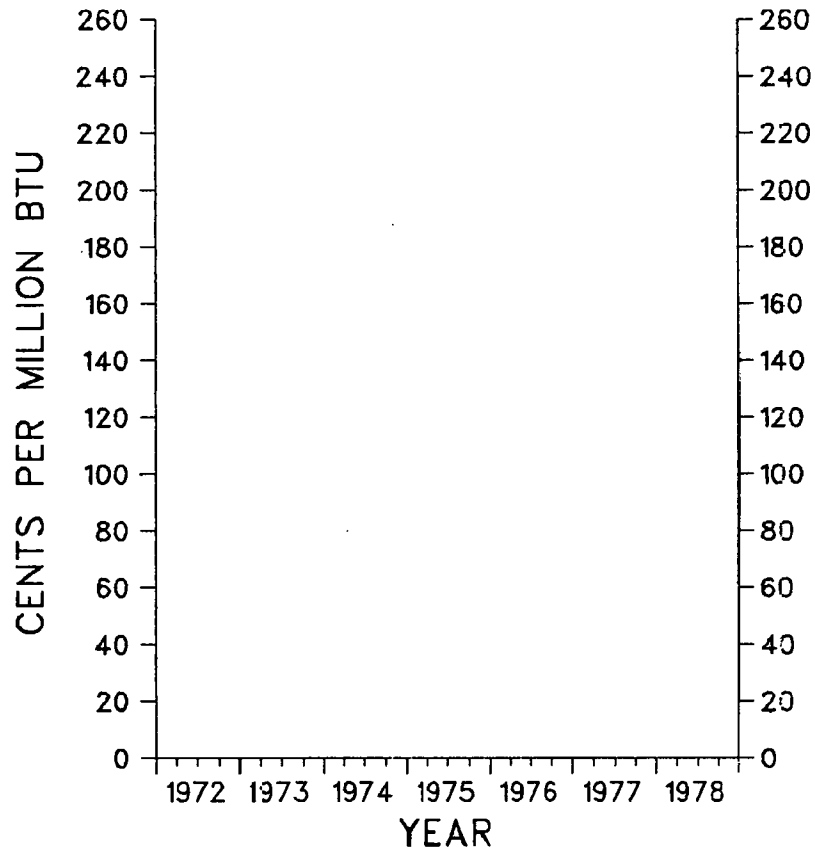


Figure 3.31.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES PENNSYLVANIA

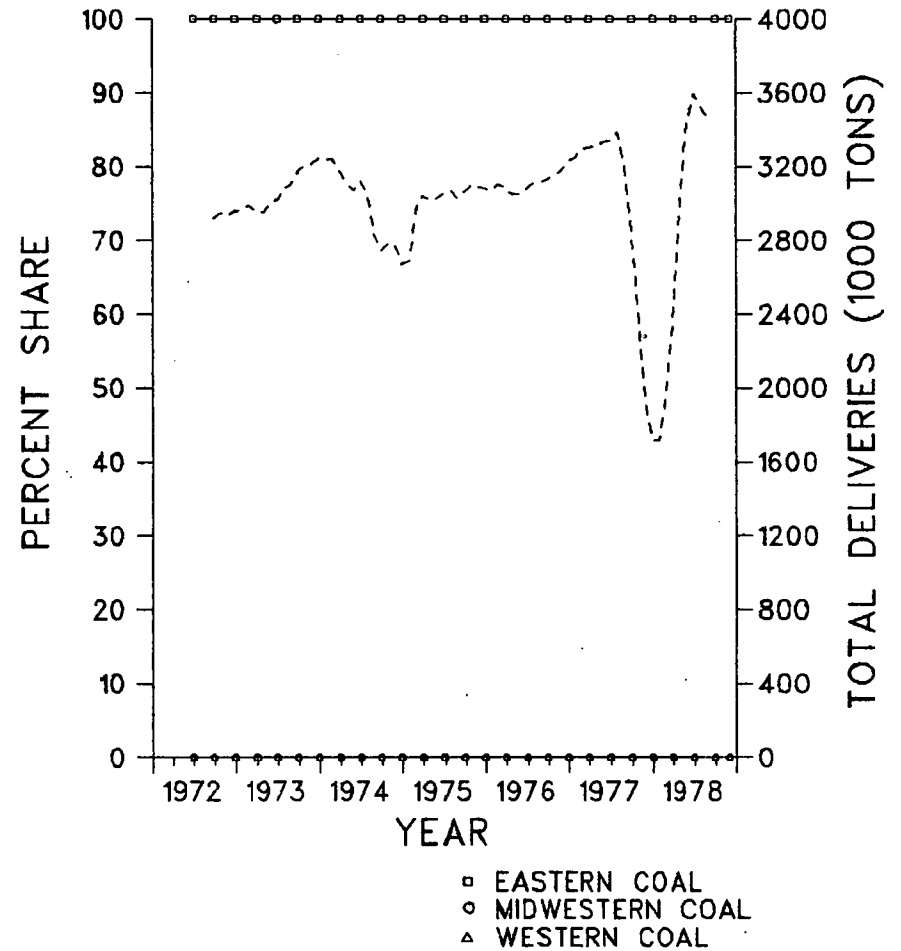


Figure 3.31.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN OKLAHOMA
TYPE I PURCHASE

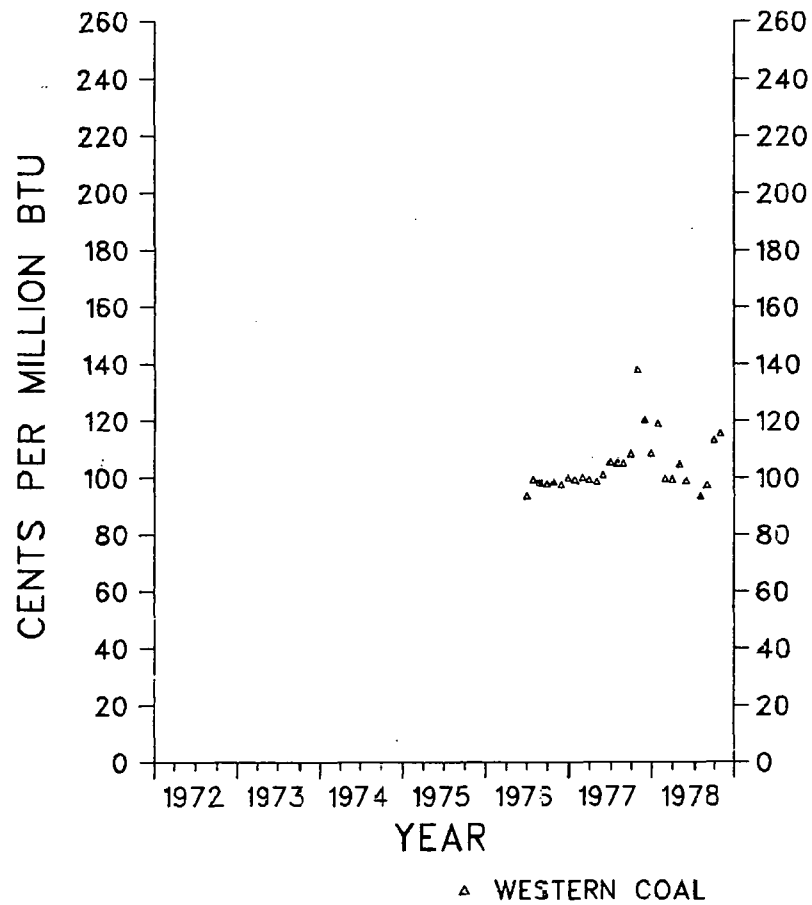


Figure 3.32.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN OKLAHOMA
TYPE II PURCHASE

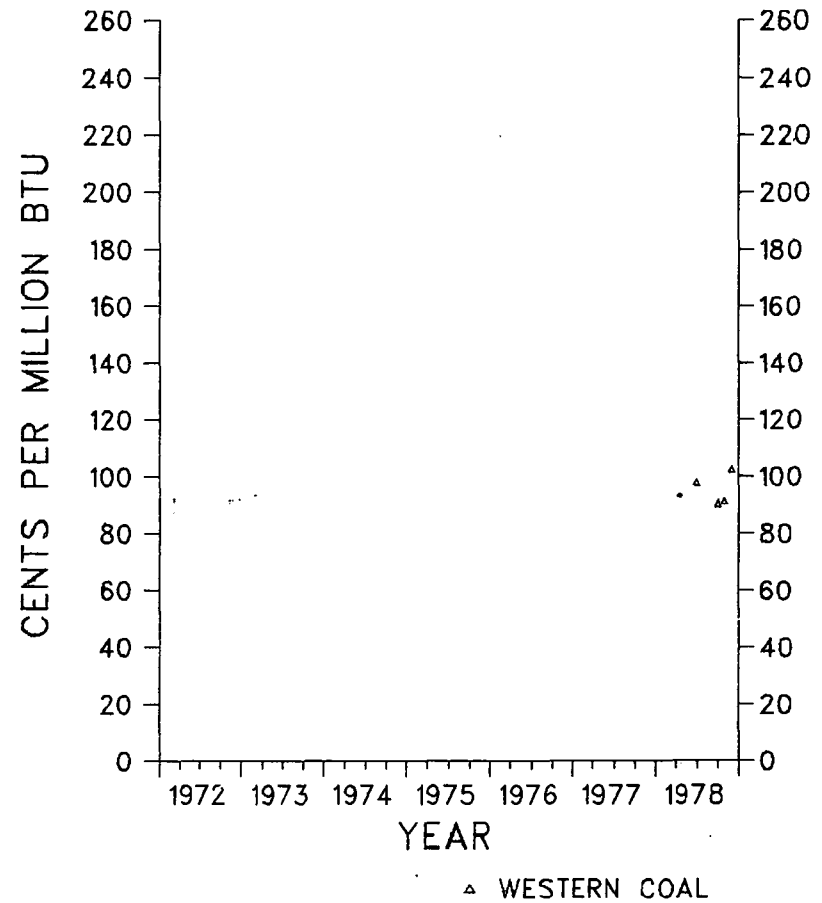


Figure 3.32.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN OKLAHOMA
NEW CONTRACT

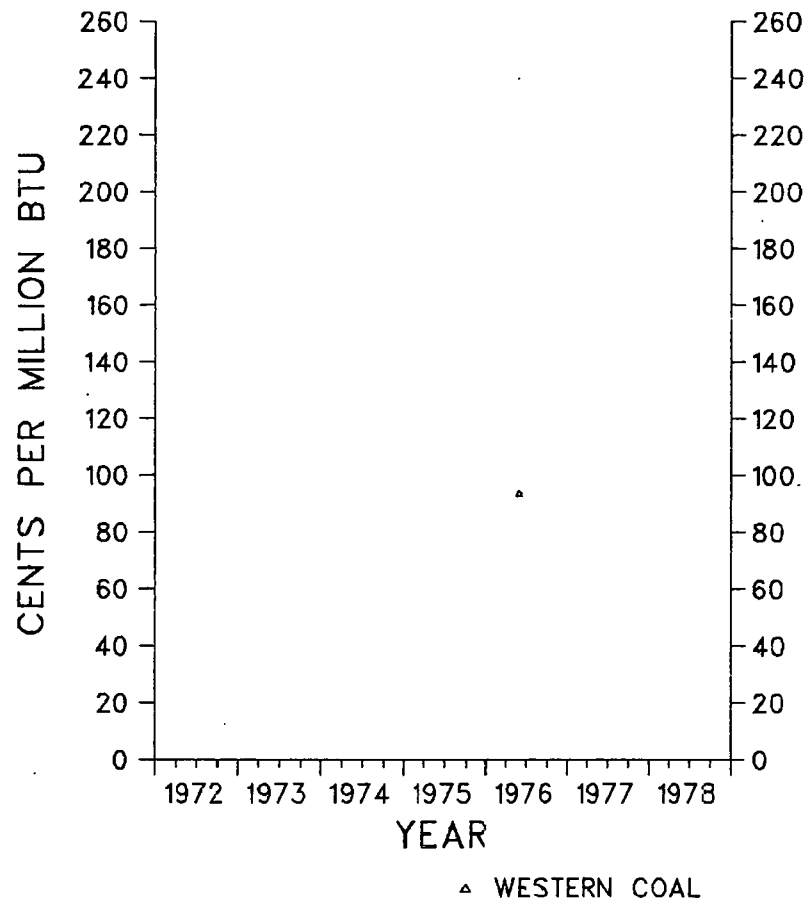


Figure 3.32.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN OKLAHOMA
SPOT PURCHASE

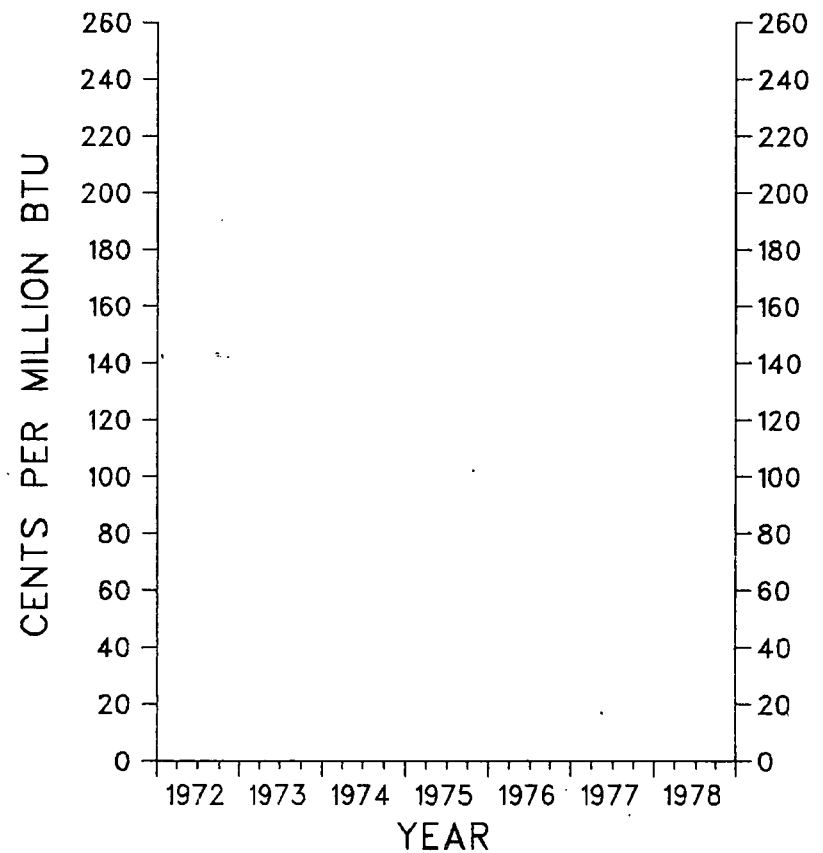


Figure 3.32.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN OKLAHOMA

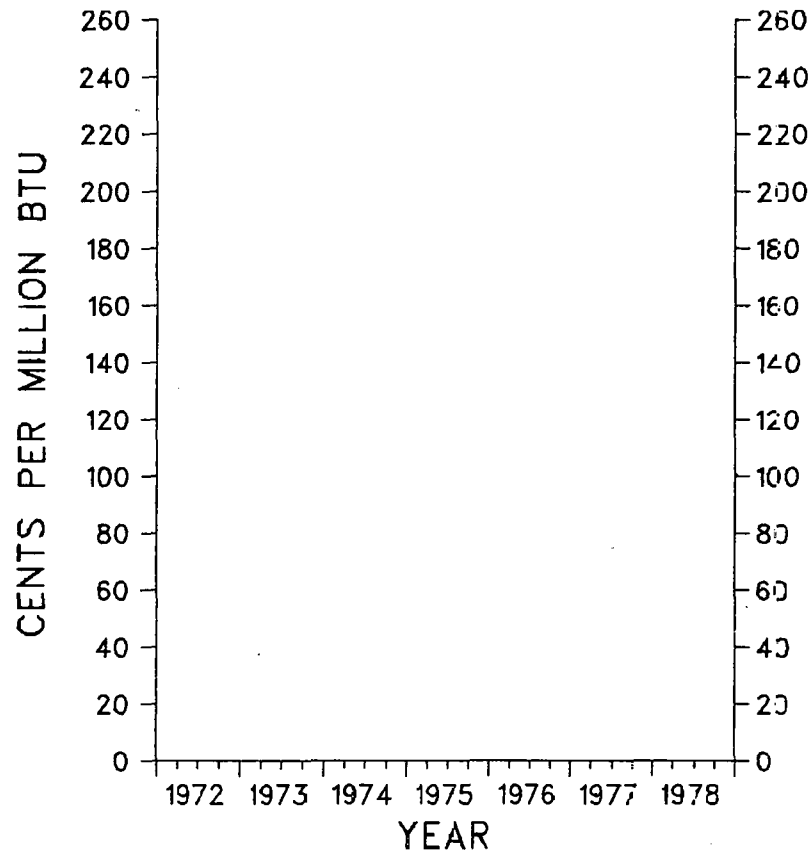


Figure 3.32.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN OKLAHOMA

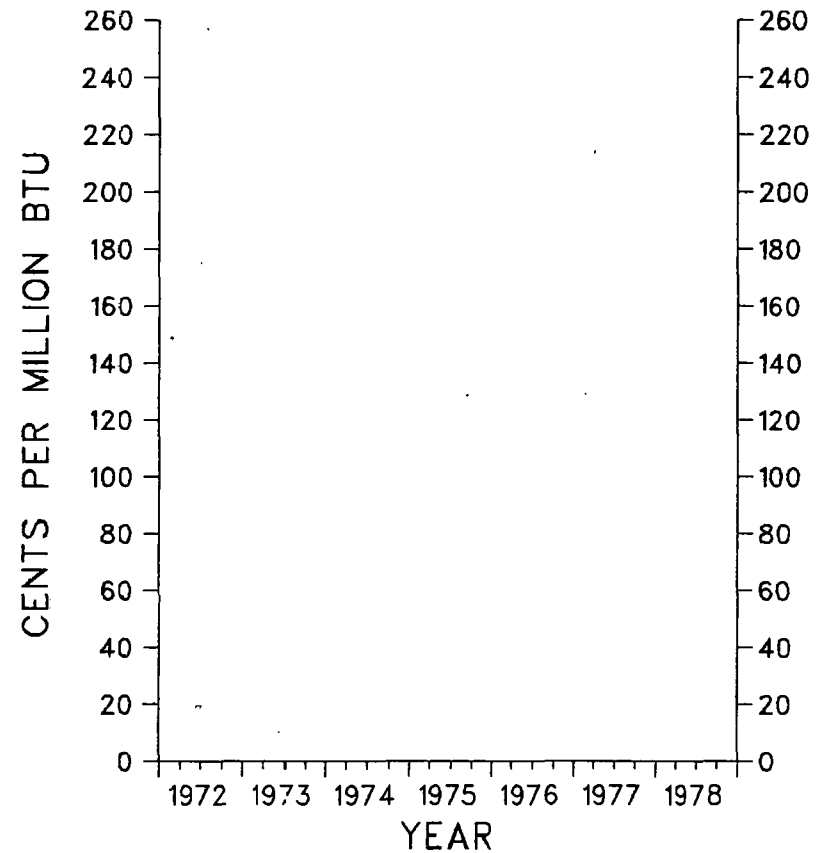


Figure 3.32.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN OKLAHOMA

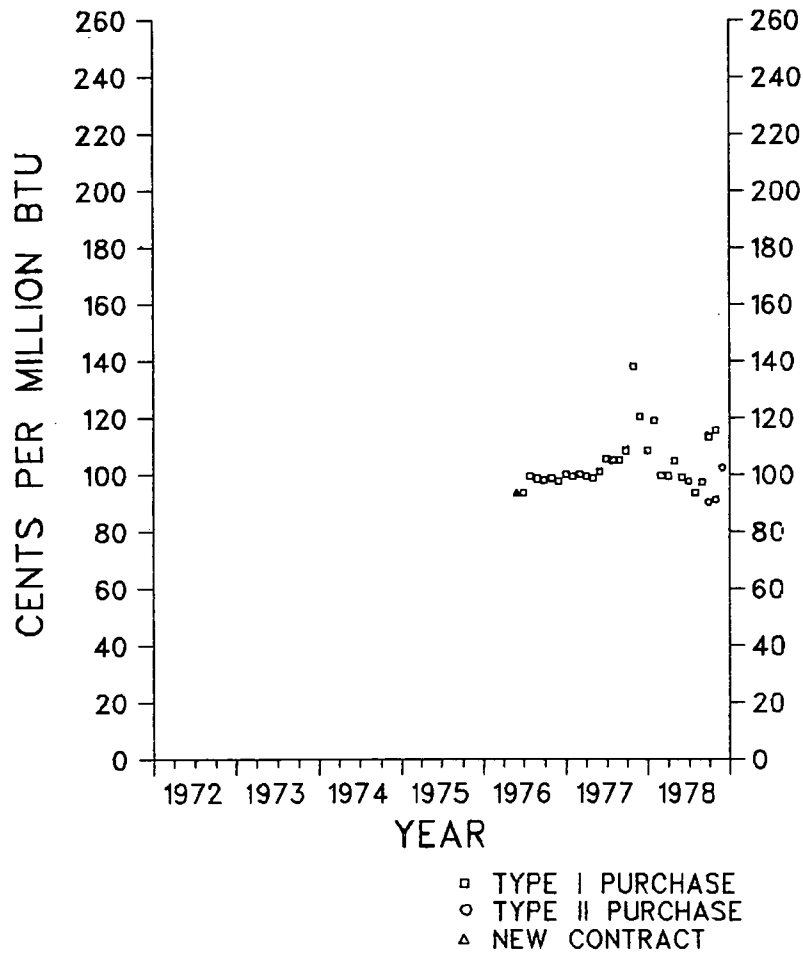


Figure 3.32.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES OKLAHOMA

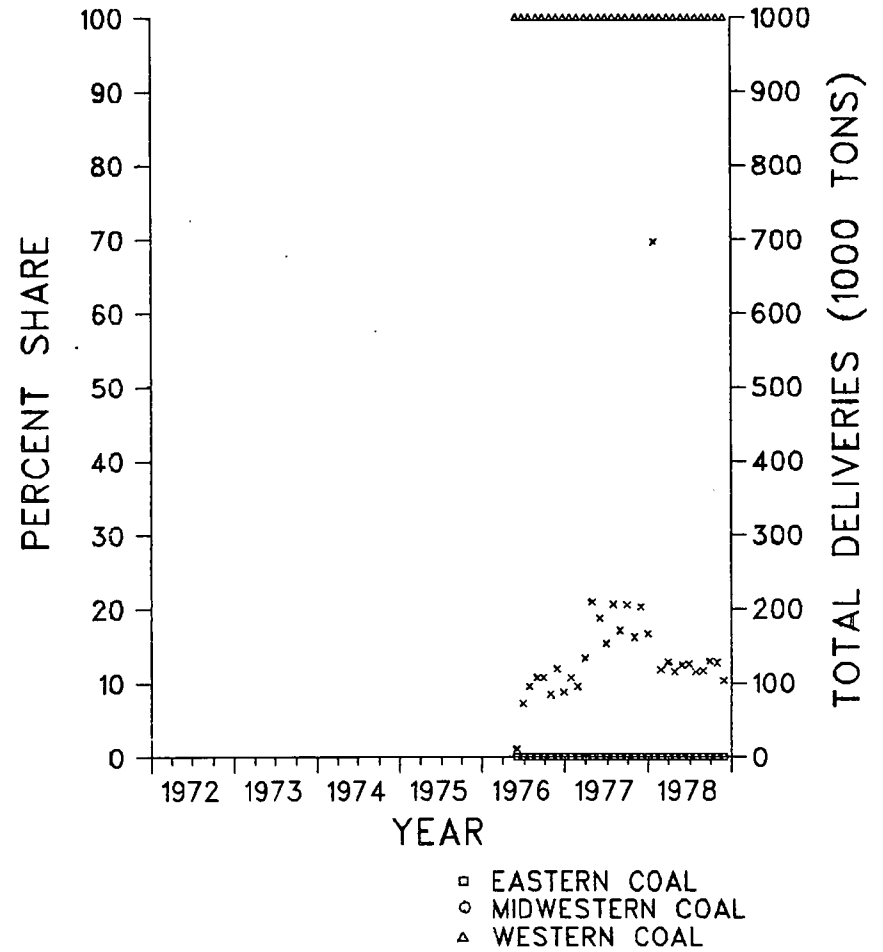


Figure 3.32.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN RHODE ISLAND
TYPE I PURCHASE

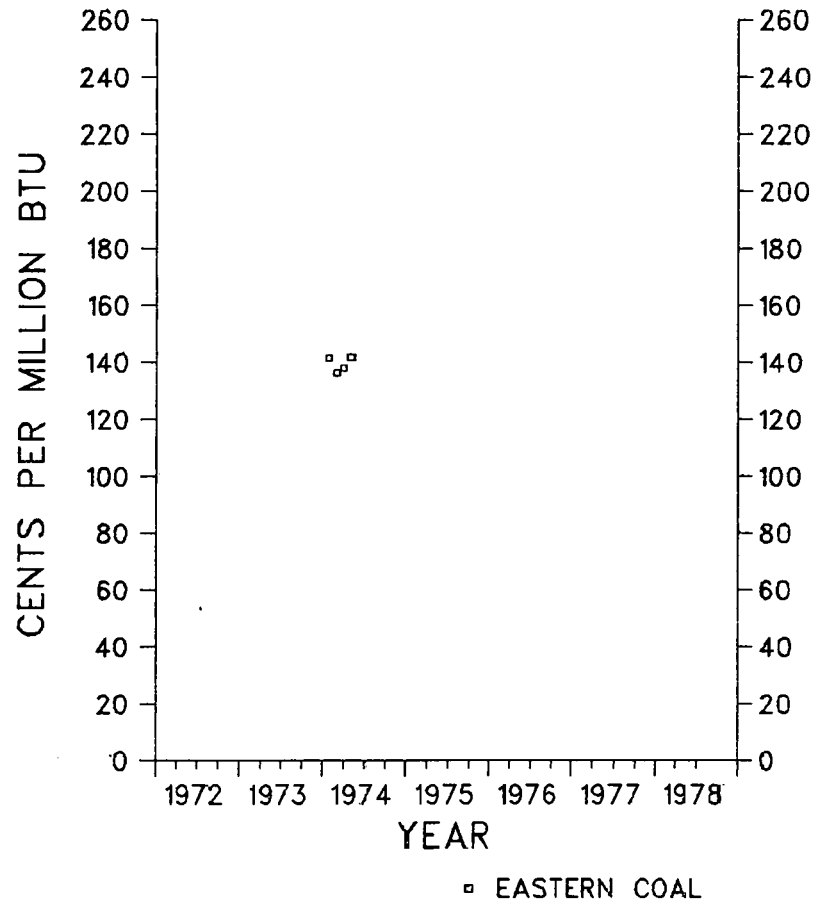


Figure 3.33.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN RHODE ISLAND
TYPE II PURCHASE

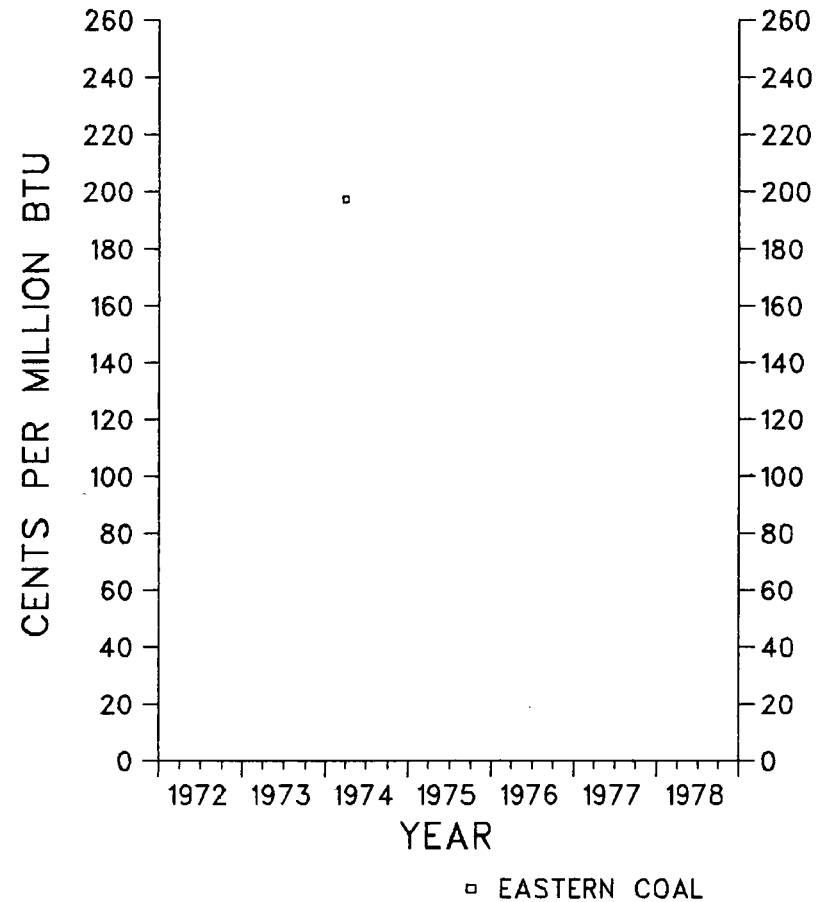


Figure 3.33.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN RHODE ISLAND
NEW CONTRACT

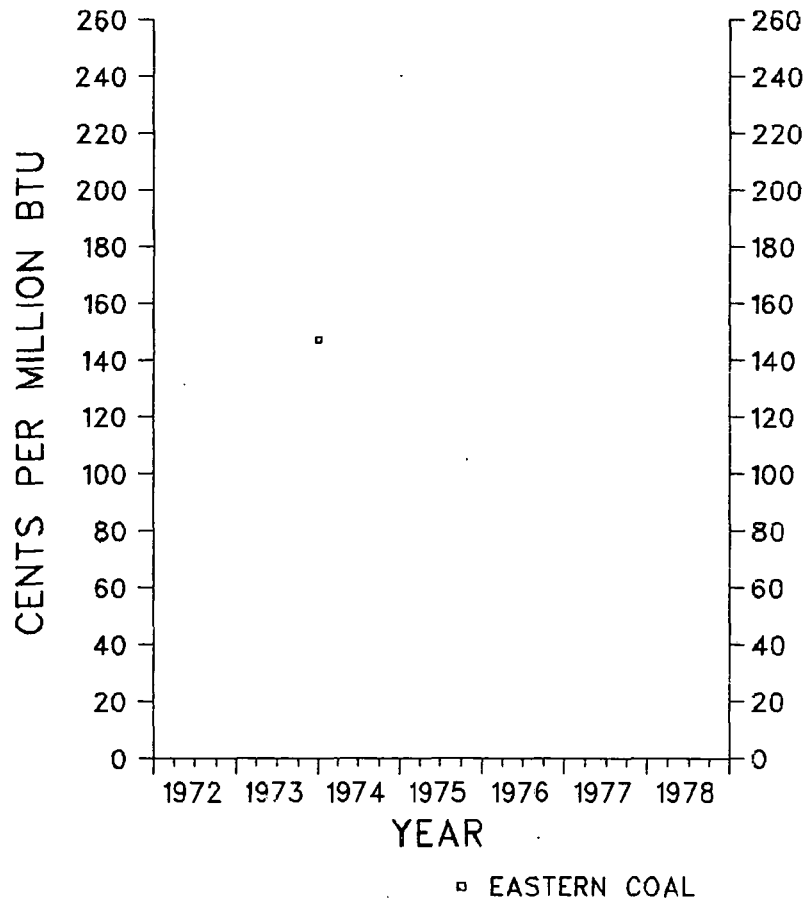


Figure 3.33.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN RHODE ISLAND
SPOT PURCHASE

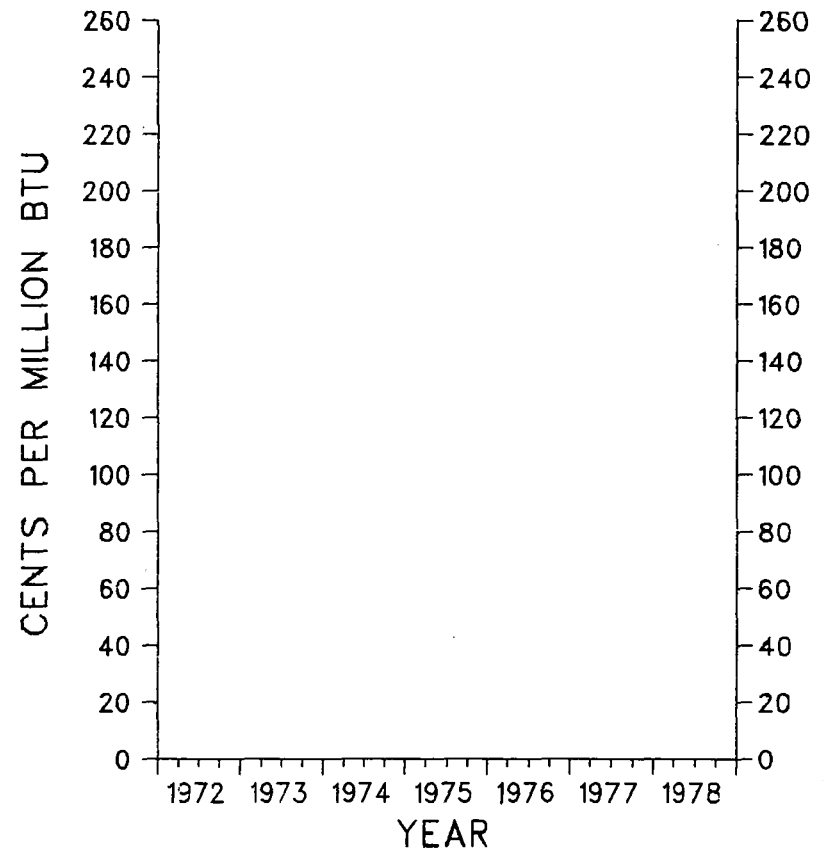


Figure 3.33.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN RHODE ISLAND

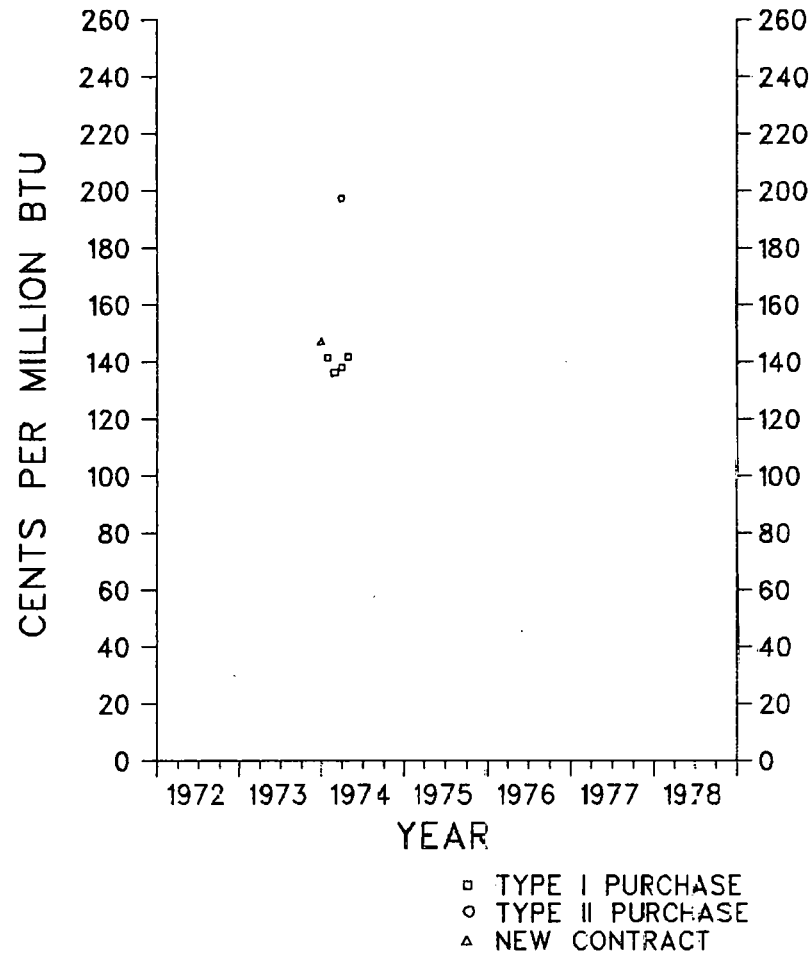


Figure 3.33.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN RHODE ISLAND

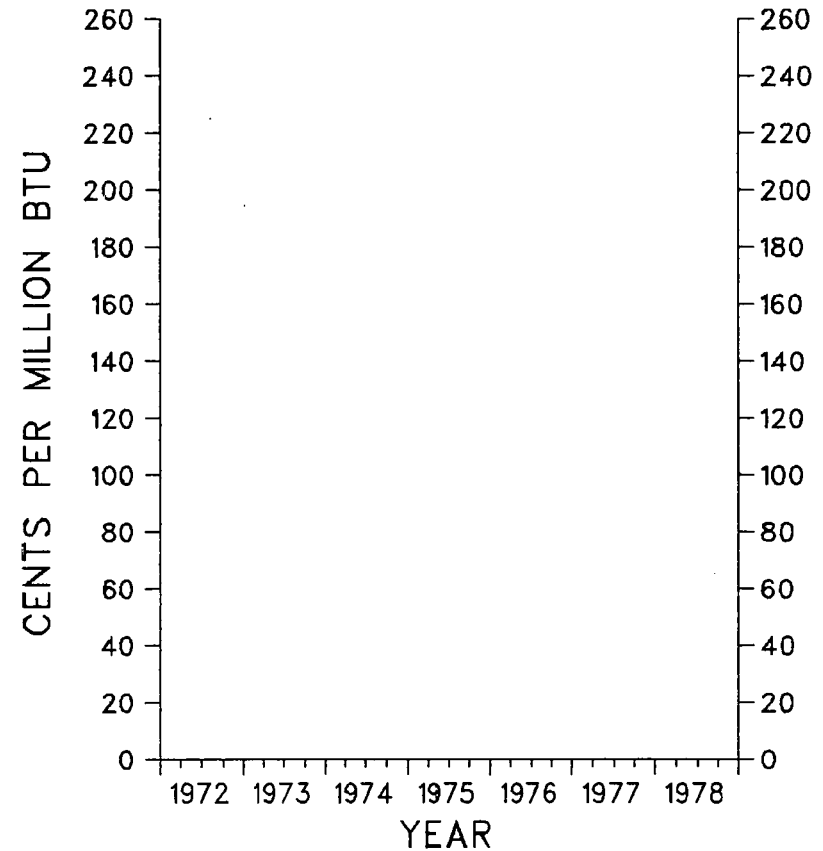


Figure 3.33.6

PRICES OF WESTERN COAL BY
TYPE OF PURCHASE IN RHODE ISLAND

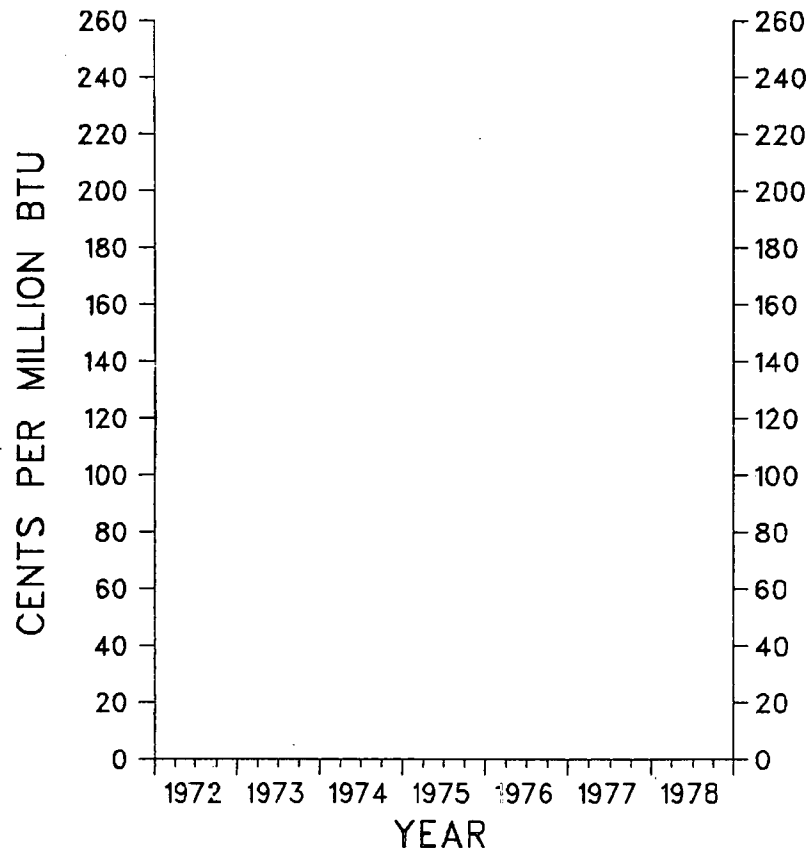


Figure 3.33.7

MARKET SHARES OF COAL PRODUCING
REGIONS AND TOTAL DELIVERIES
RHODE ISLAND

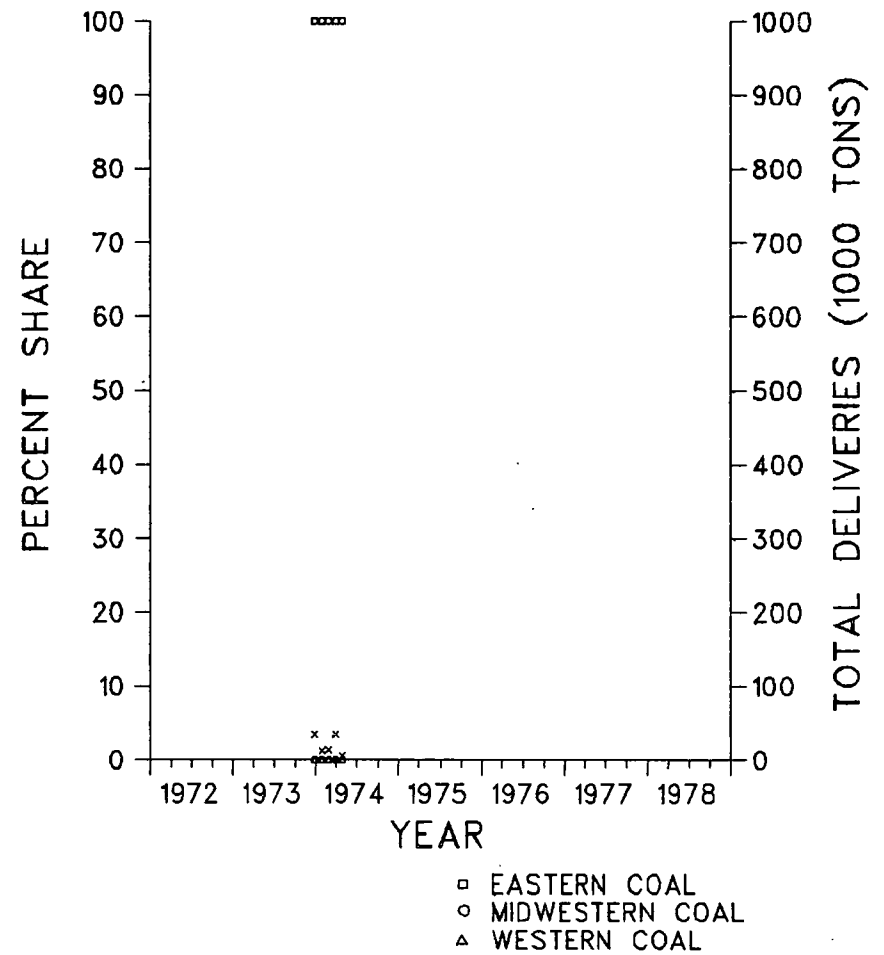


Figure 3.33.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN SOUTH CAROLINA
TYPE I PURCHASE

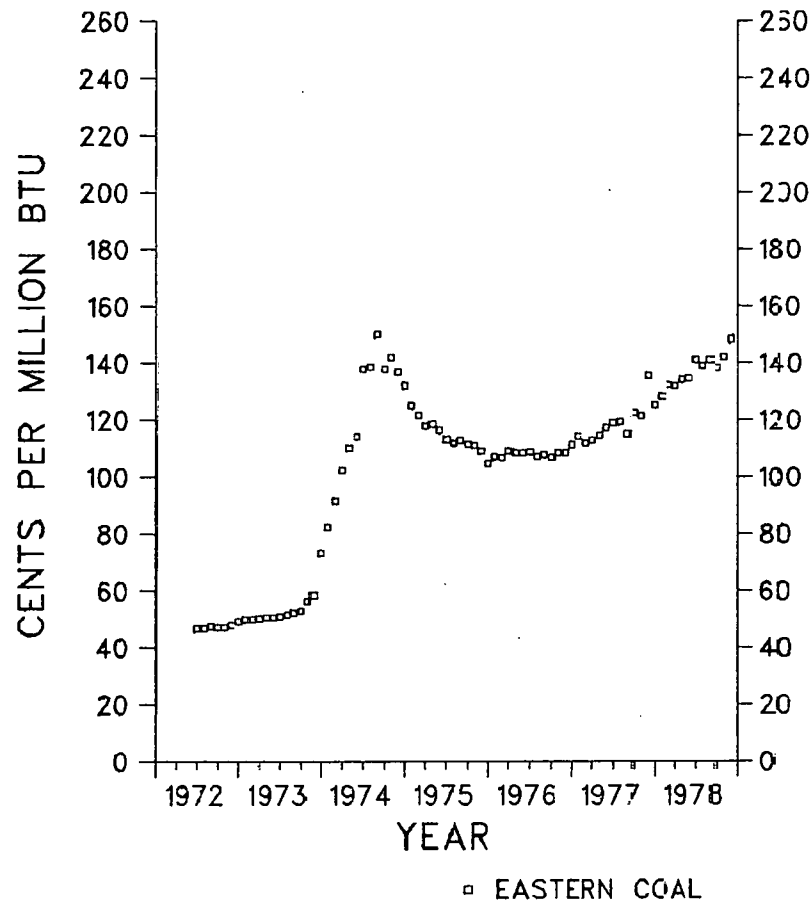


Figure 3.34.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN SOUTH CAROLINA
TYPE II PURCHASE

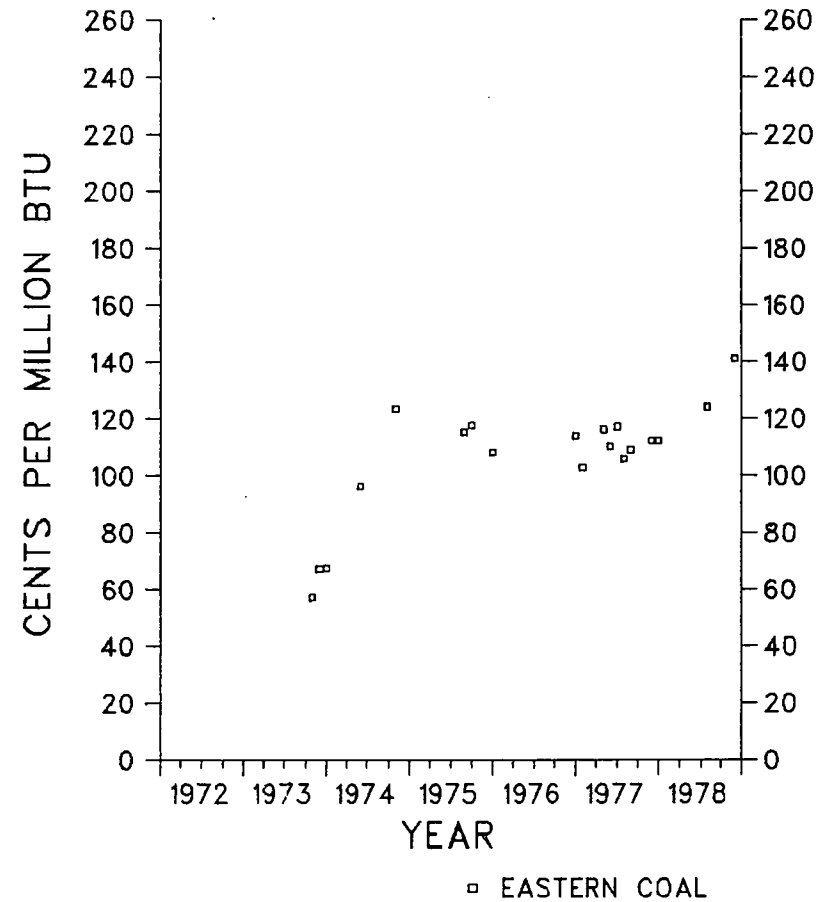


Figure 3.34.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN SOUTH CAROLINA
NEW CONTRACT

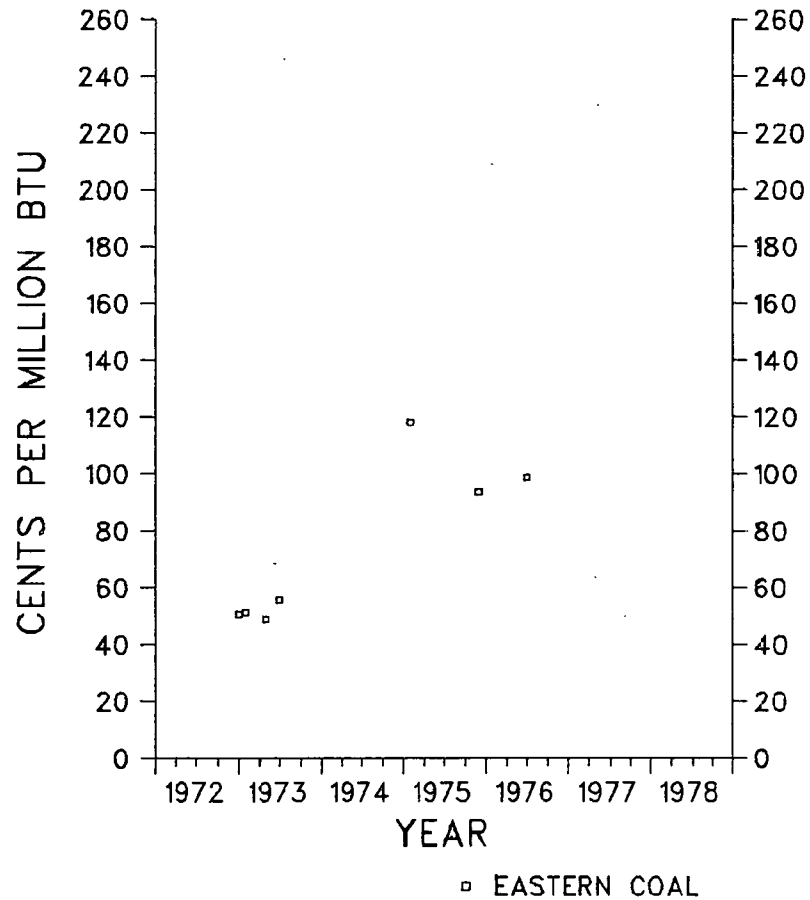


Figure 3.34.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN SOUTH CAROLINA
SPOT PURCHASE

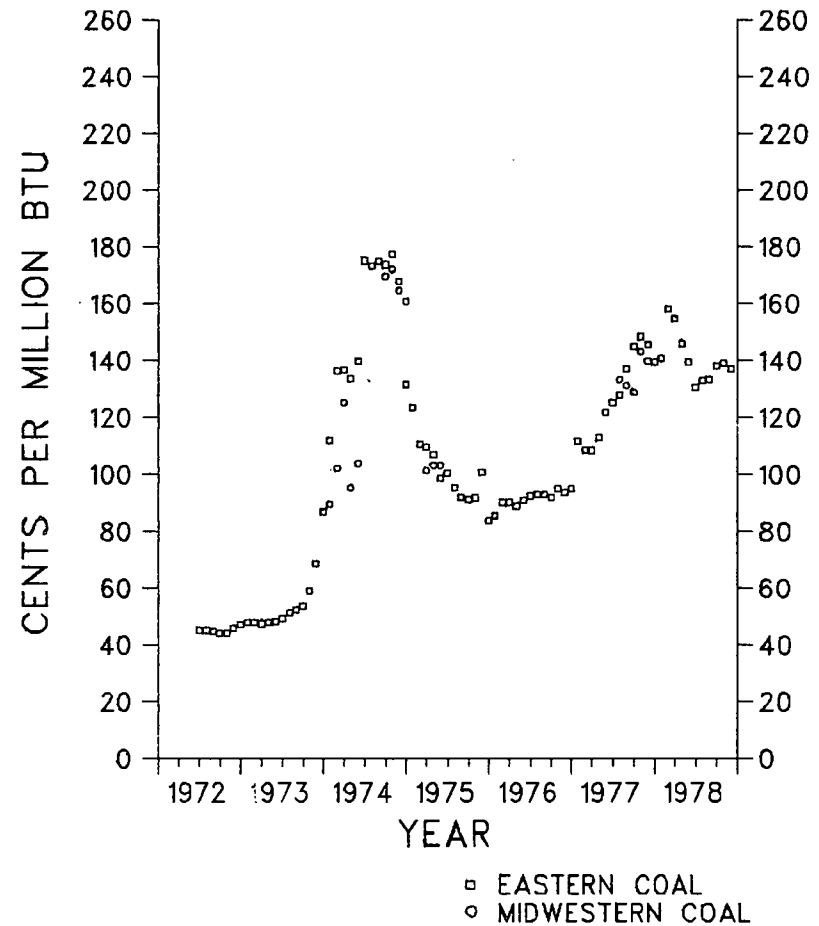


Figure 3.34.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN SOUTH CAROLINA

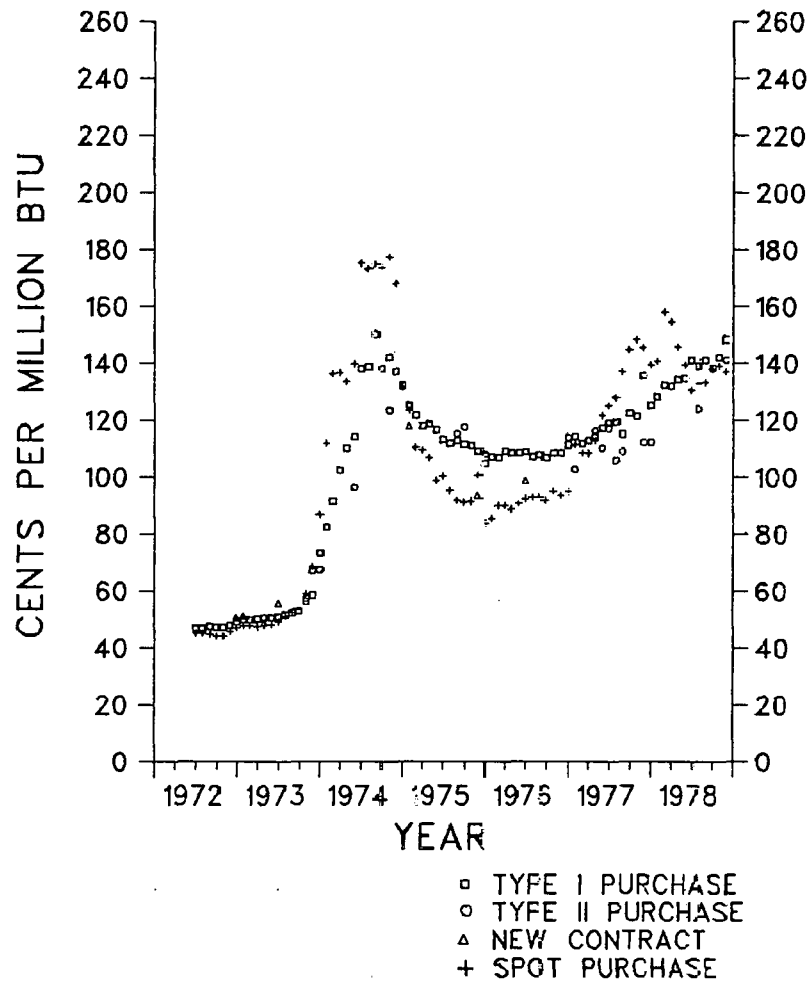


Figure 3.34.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN SOUTH CAROLINA

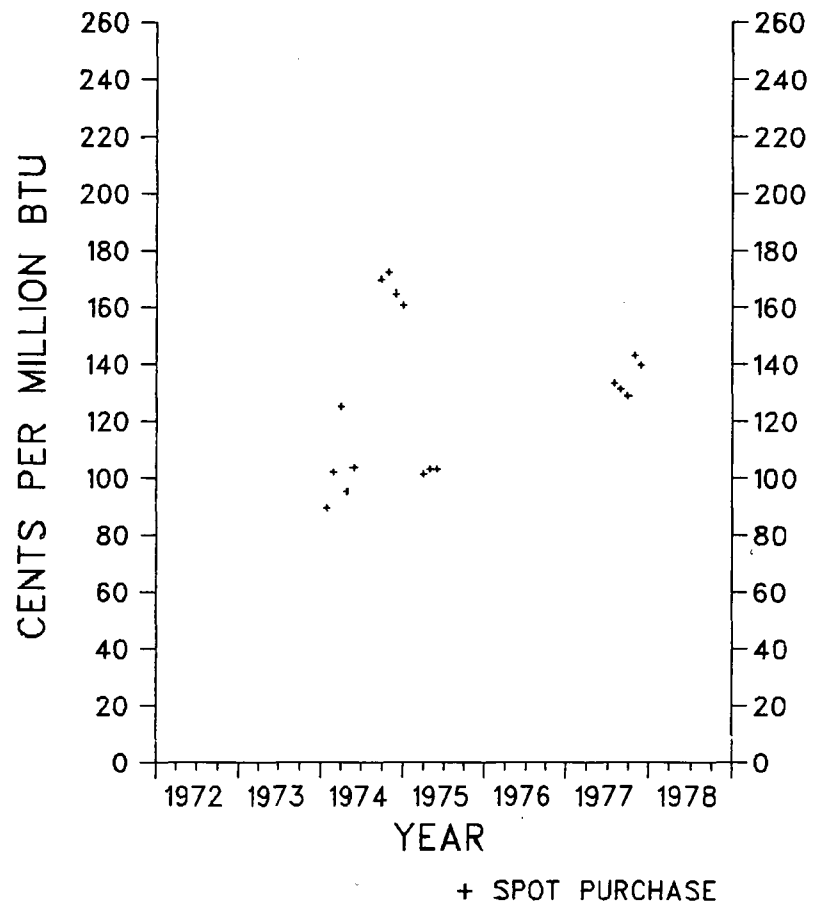


Figure 3.34.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN SOUTH CAROLINA

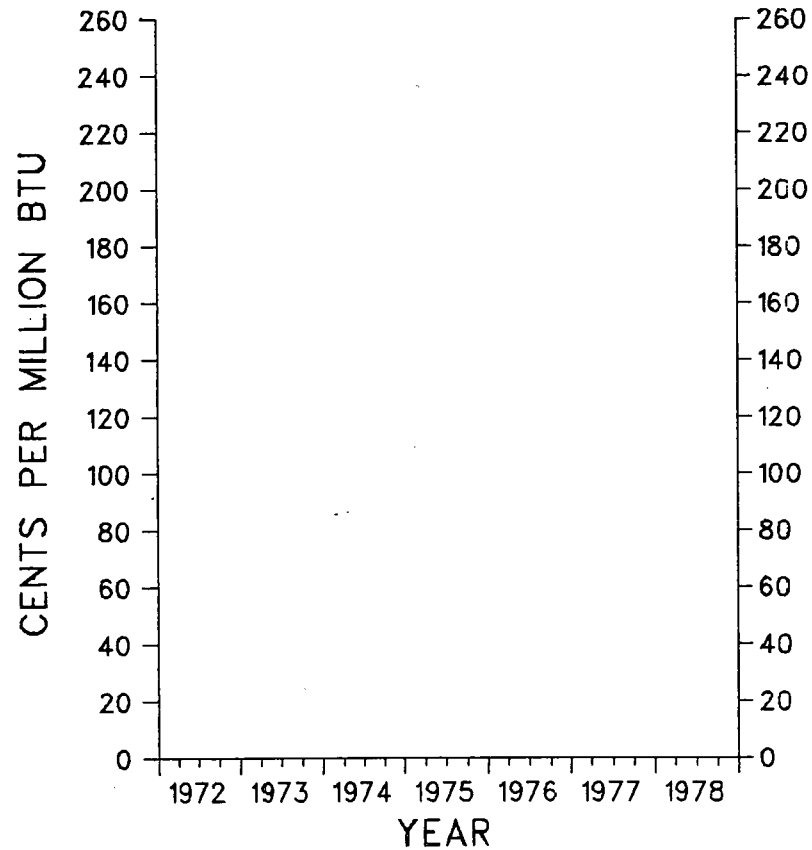


Figure 3.34.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES SOUTH CAROLINA

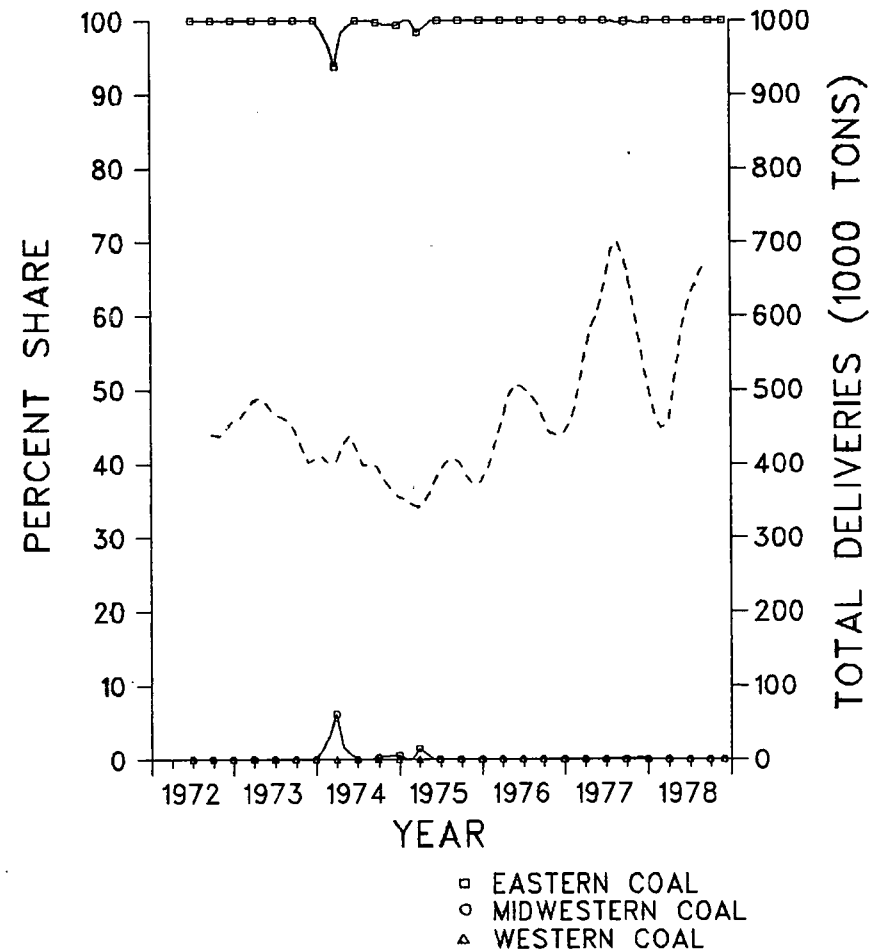


Figure 3.34.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN SOUTH DAKOTA
TYPE I PURCHASE

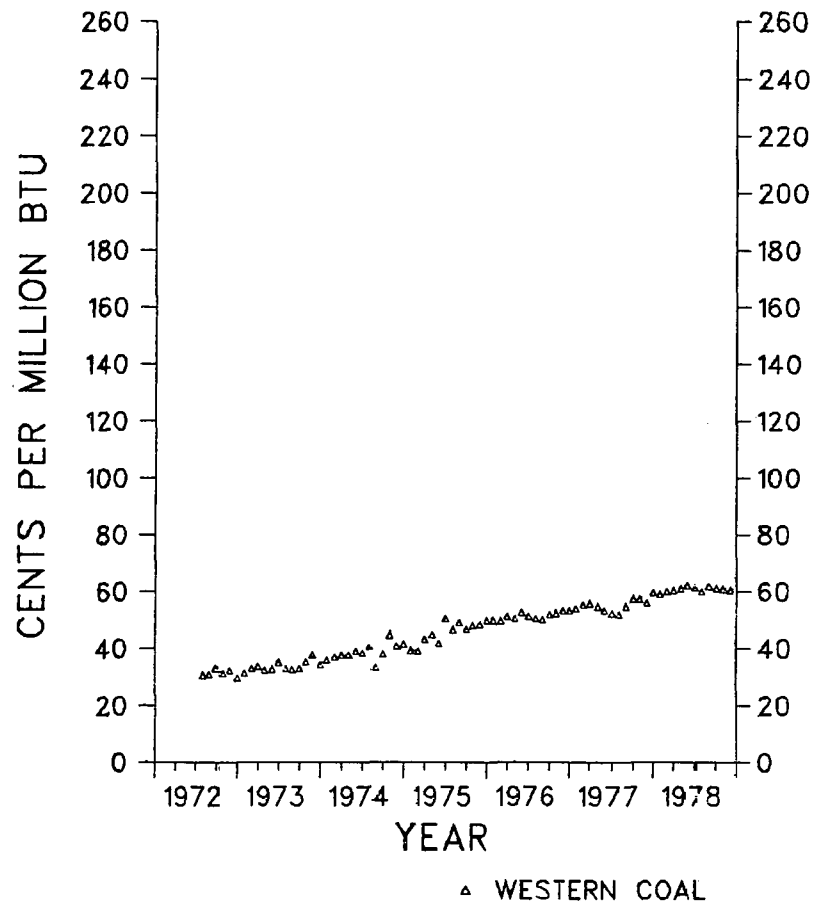


Figure 3.35.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN SOUTH DAKOTA
TYPE II PURCHASE

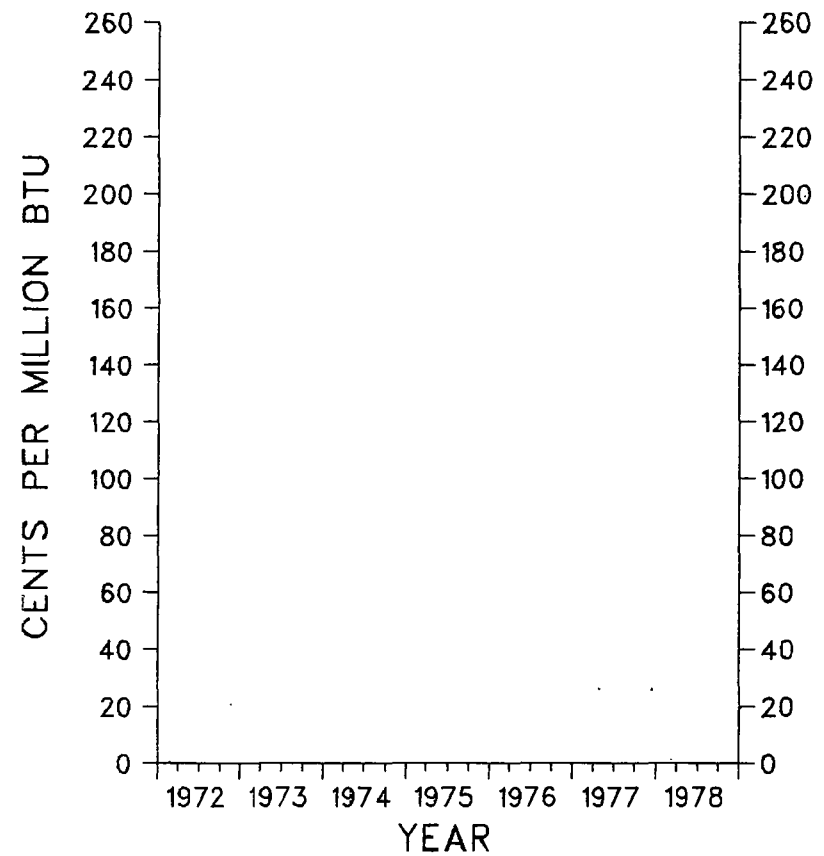


Figure 3.35.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN SOUTH DAKOTA
NEW CONTRACT

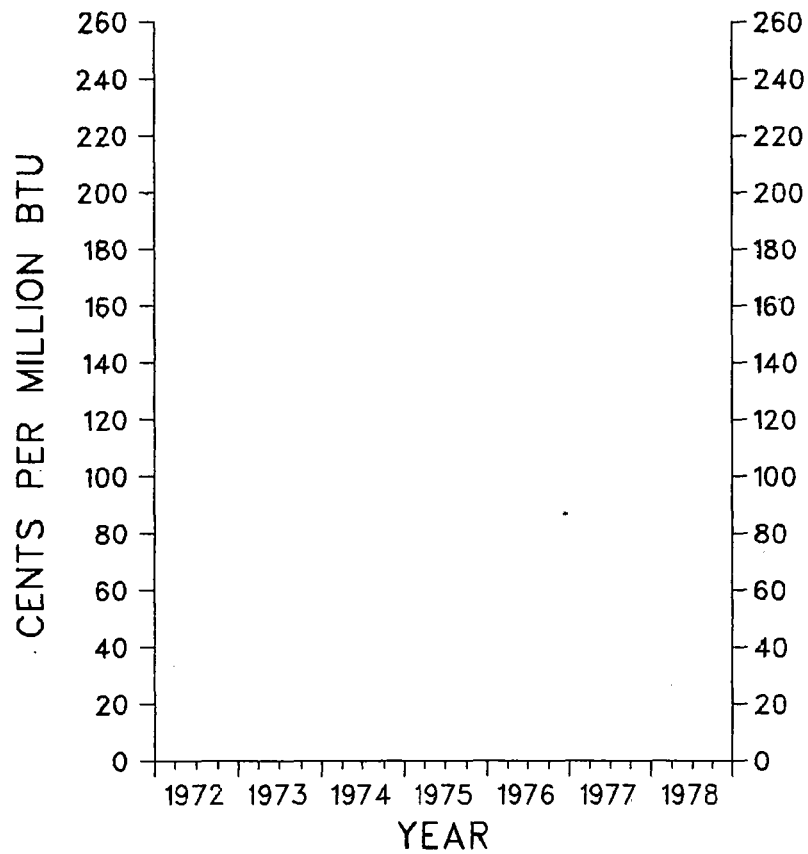


Figure 3.35.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN SOUTH DAKOTA
SPOT PURCHASE

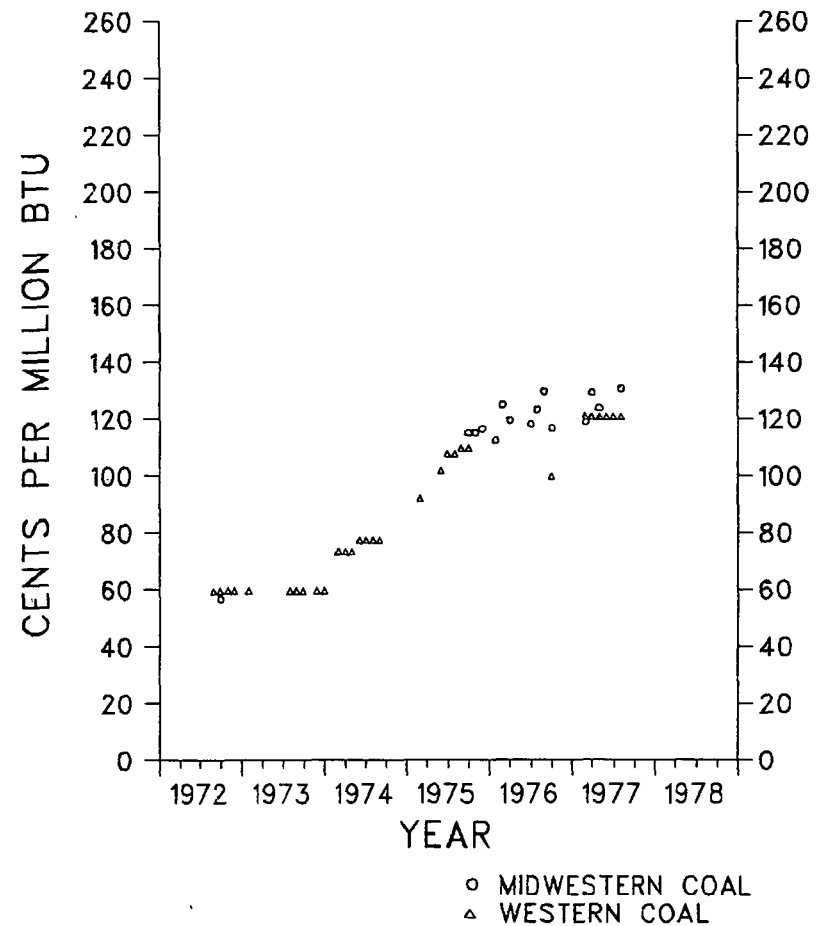


Figure 3.35.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN SOUTH DAKOTA

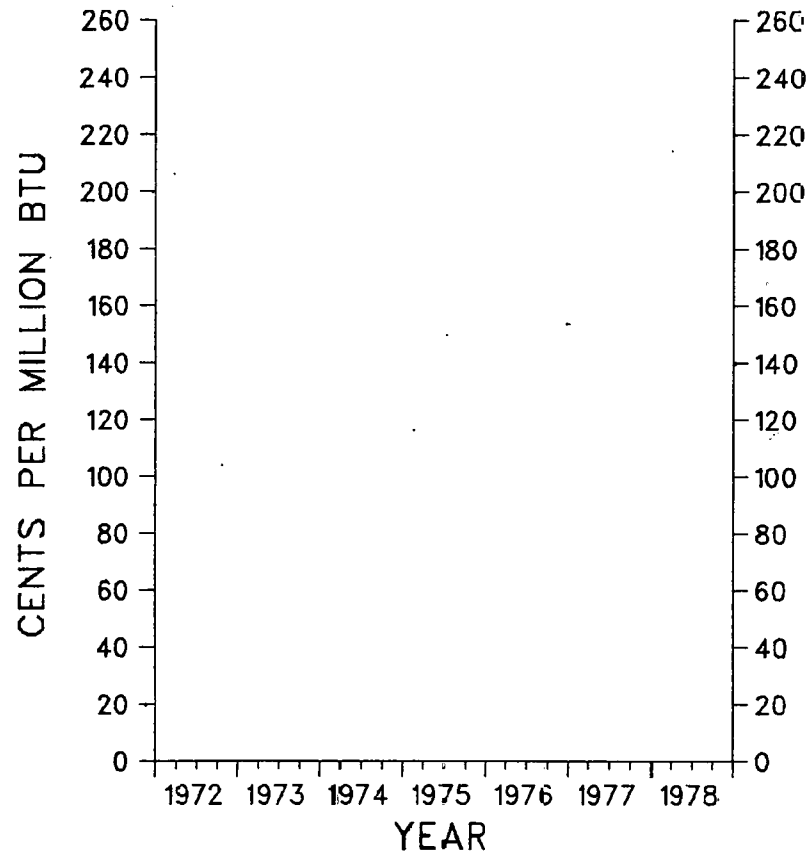


Figure 3.35.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN SOUTH DAKOTA

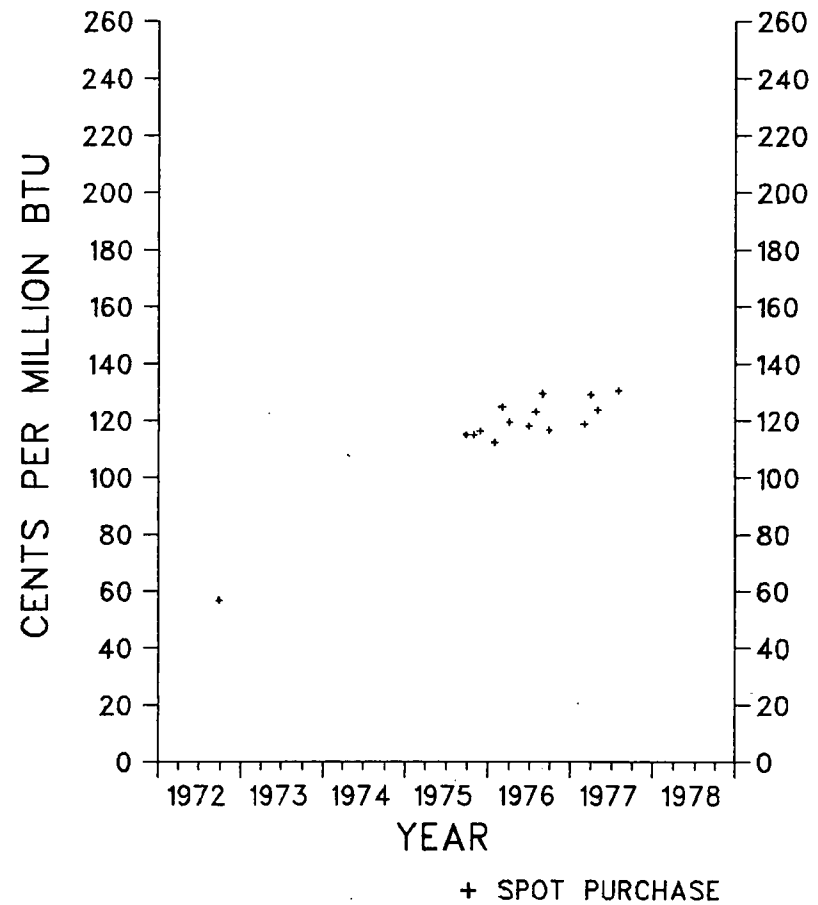


Figure 3.35.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN SOUTH DAKOTA

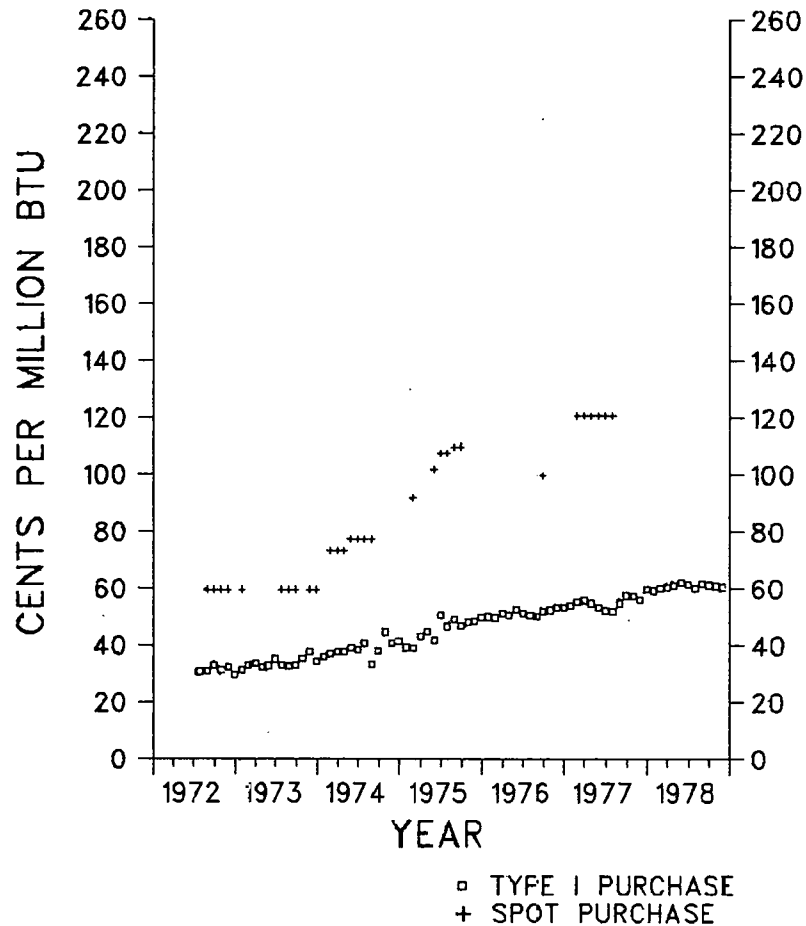


Figure 3.35.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES SOUTH DAKOTA

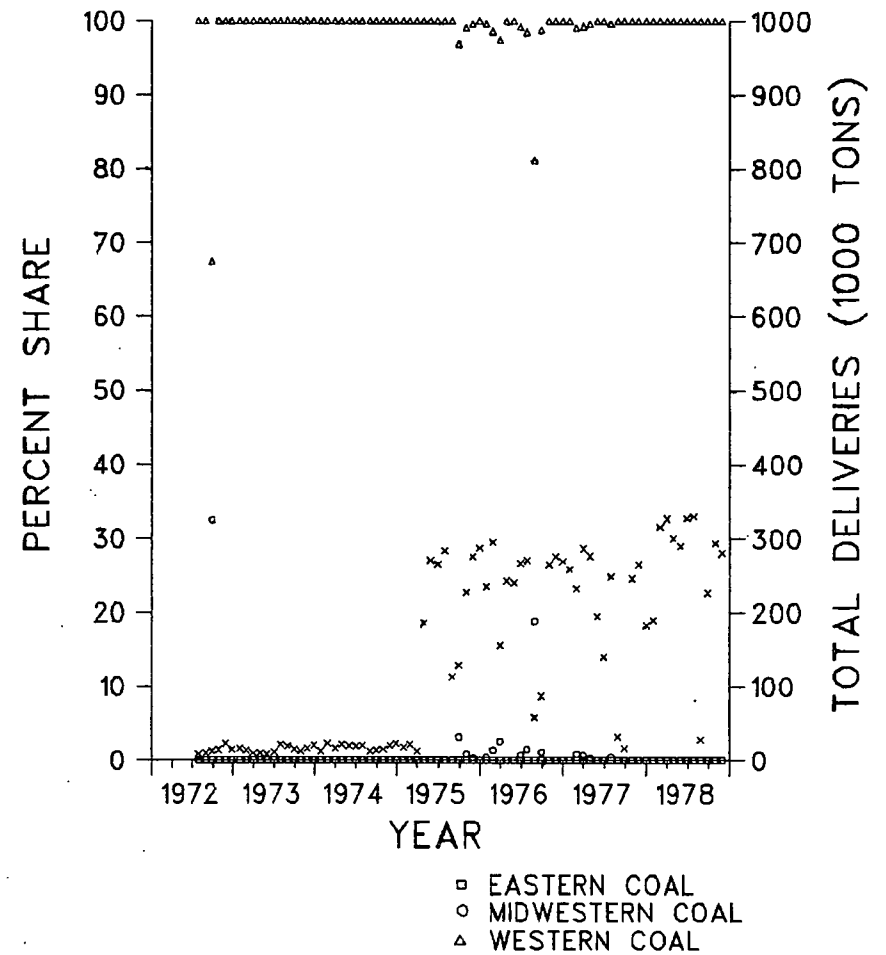


Figure 3.35.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN TENNESSEE
TYPE I PURCHASE

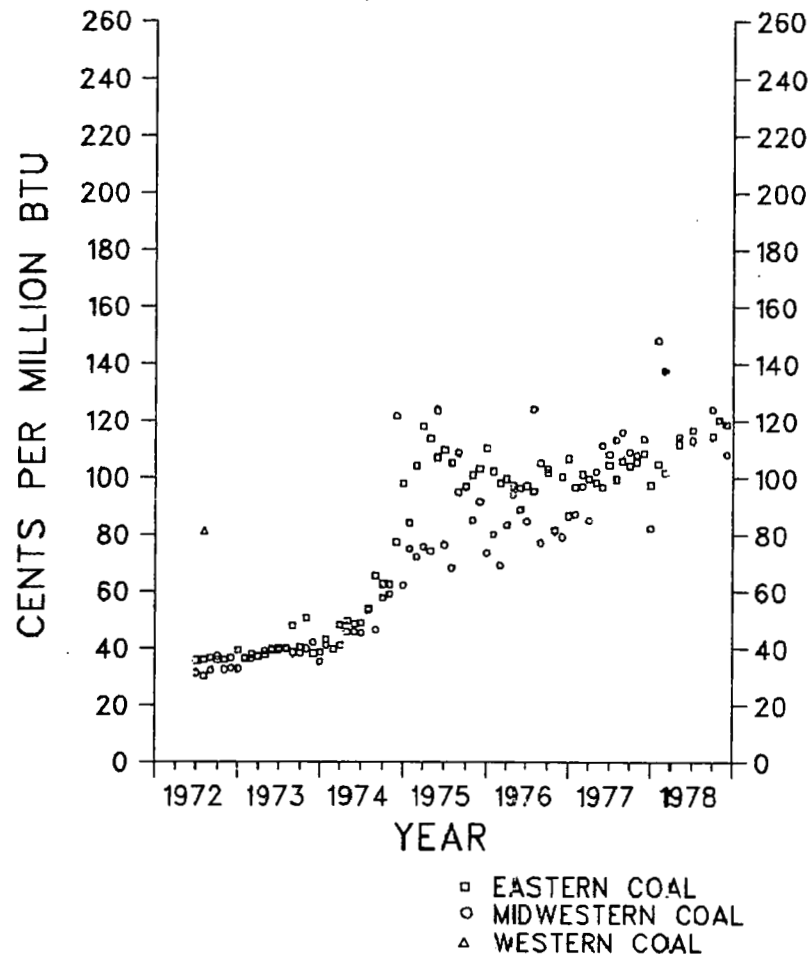


Figure 3.36.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN TENNESSEE
TYPE II PURCHASE

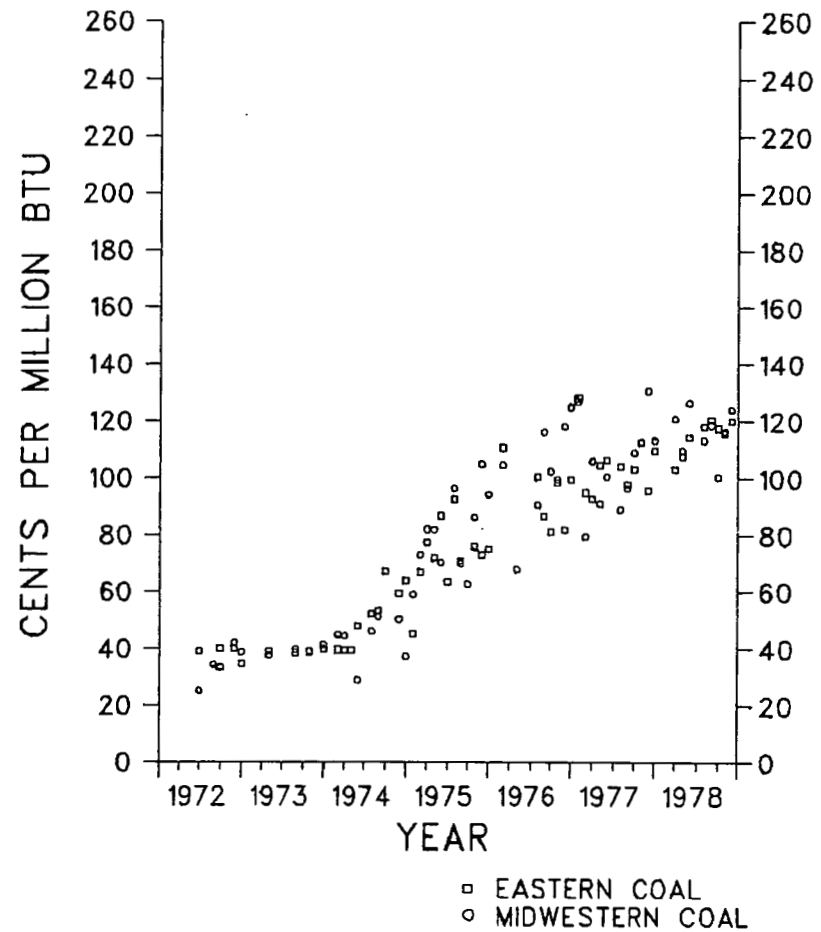


Figure 3.36.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN TENNESSEE
NEW CONTRACT

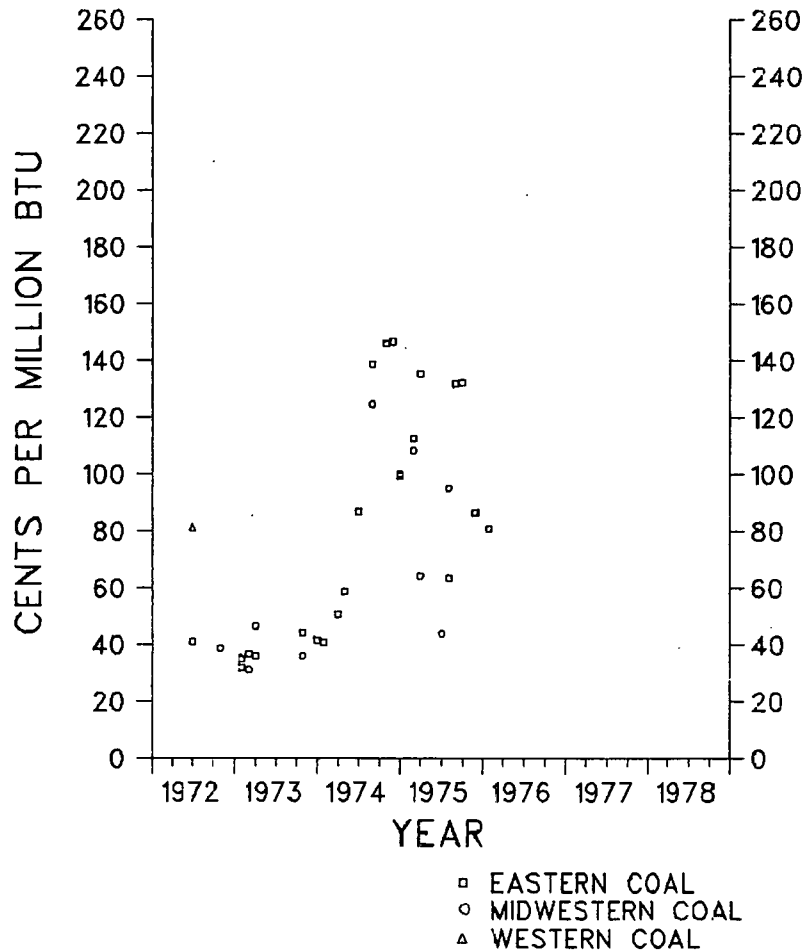


Figure 3.36.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN TENNESSEE
SPOT PURCHASE

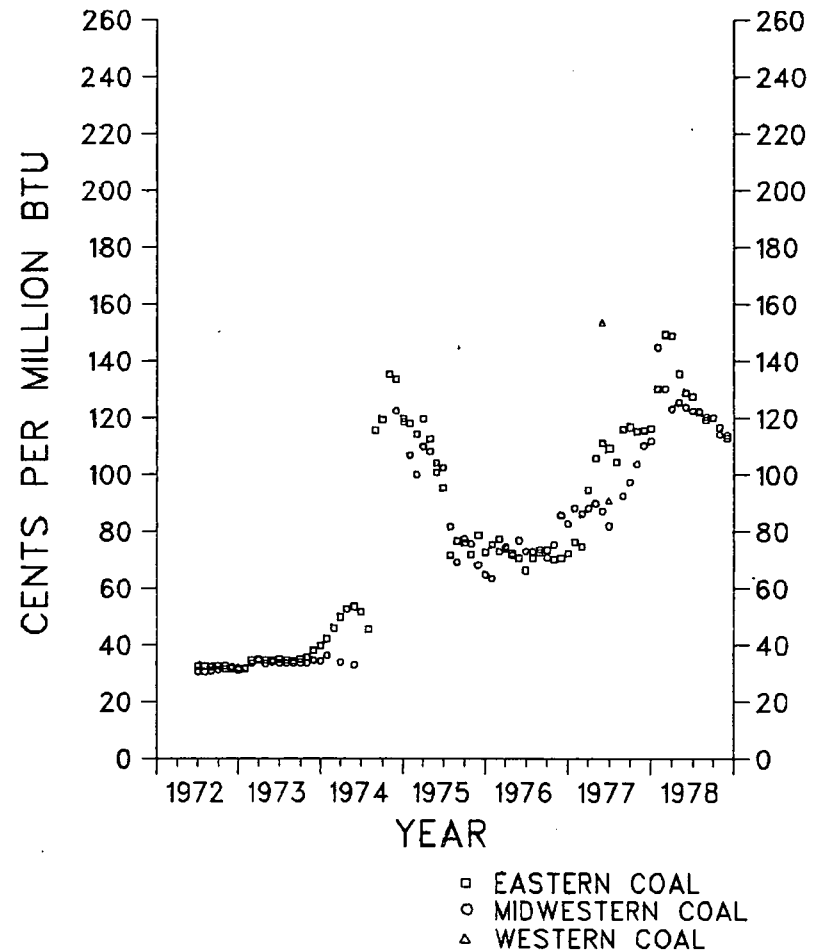


Figure 3.36.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN TENNESSEE

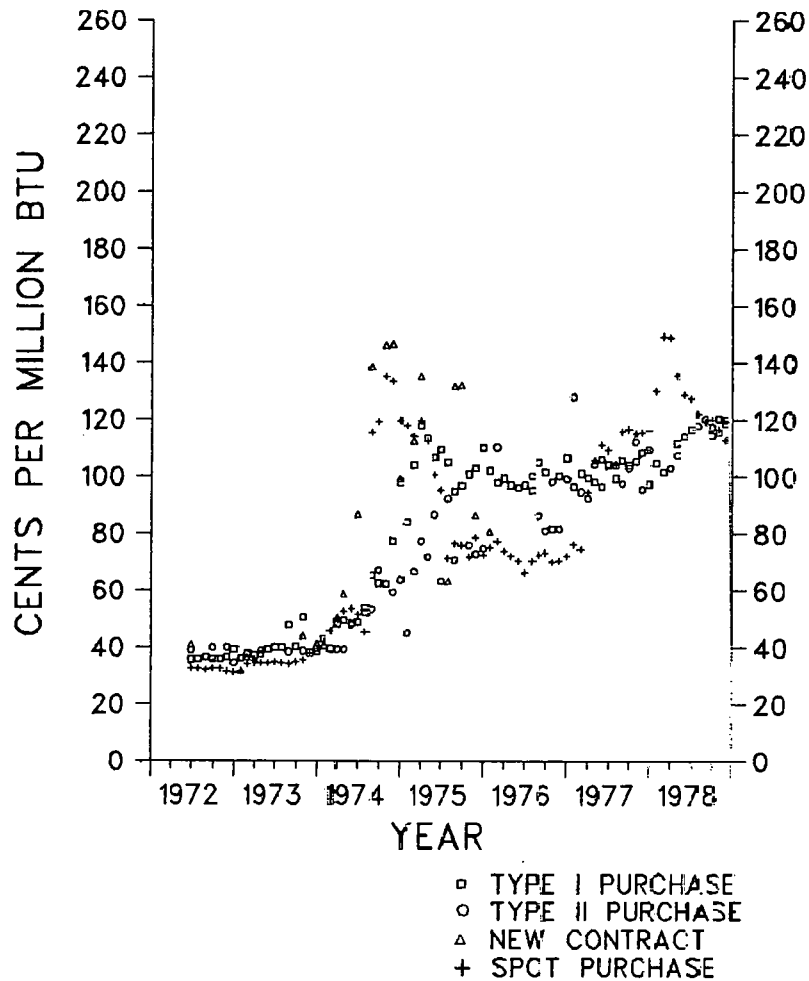


Figure 3.36.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN TENNESSEE

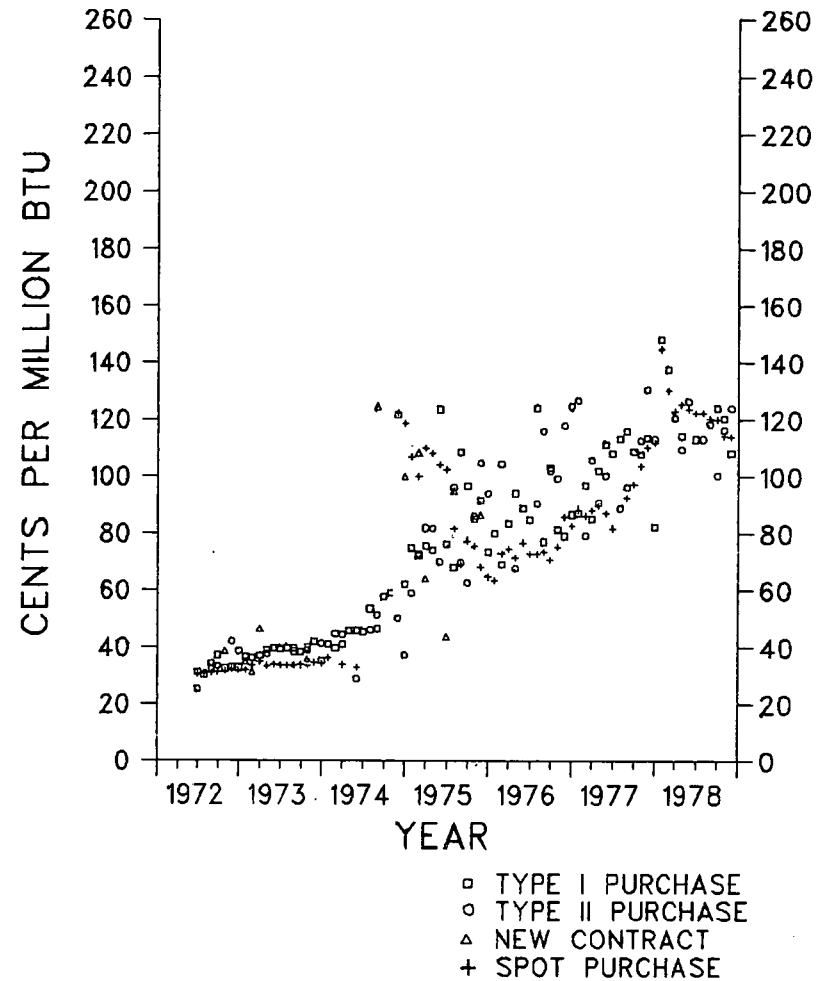


Figure 3.36.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN TENNESSEE

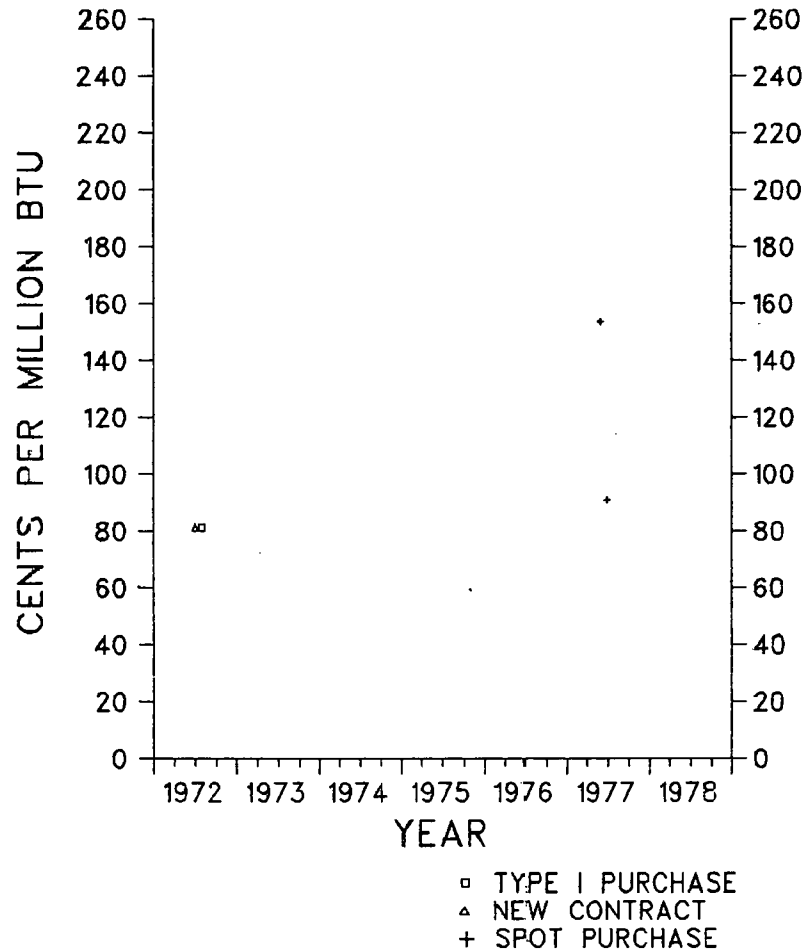


Figure 3.36.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES TENNESSEE

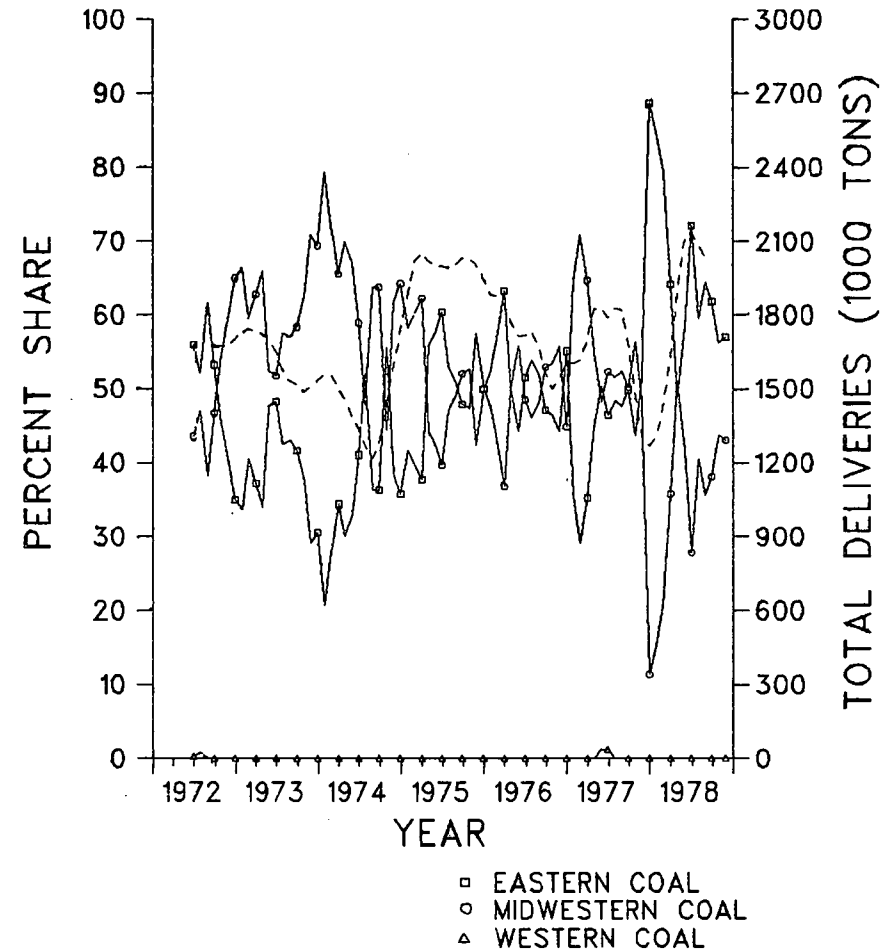


Figure 3.36.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN TEXAS
TYPE I PURCHASE

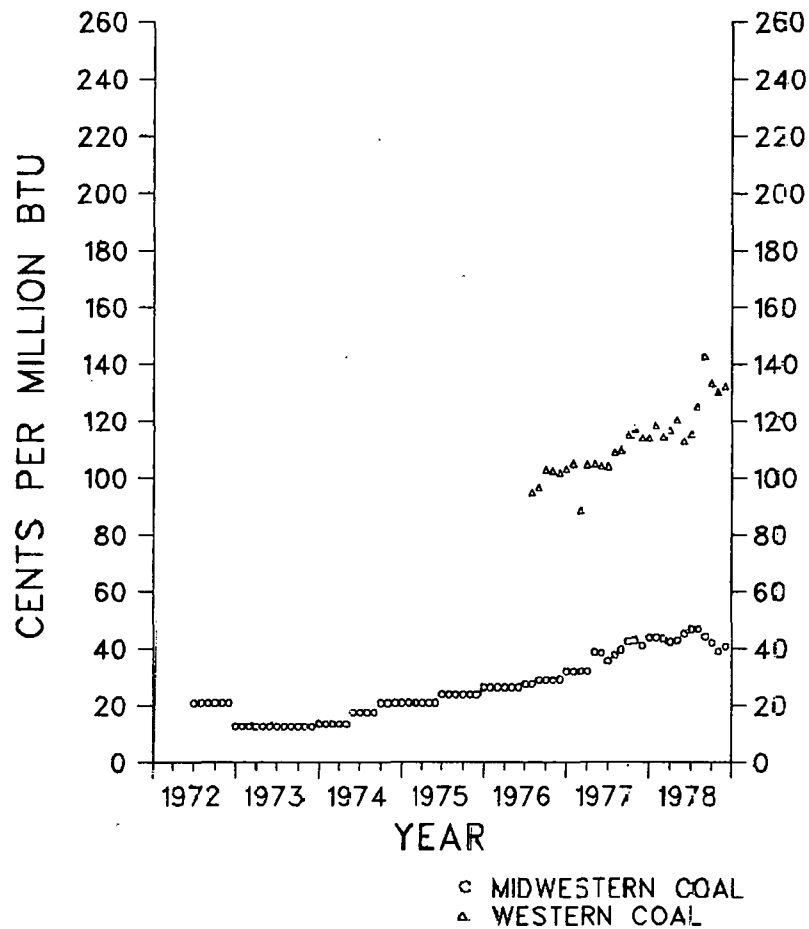


Figure 3.37.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN TEXAS
TYPE II PURCHASE

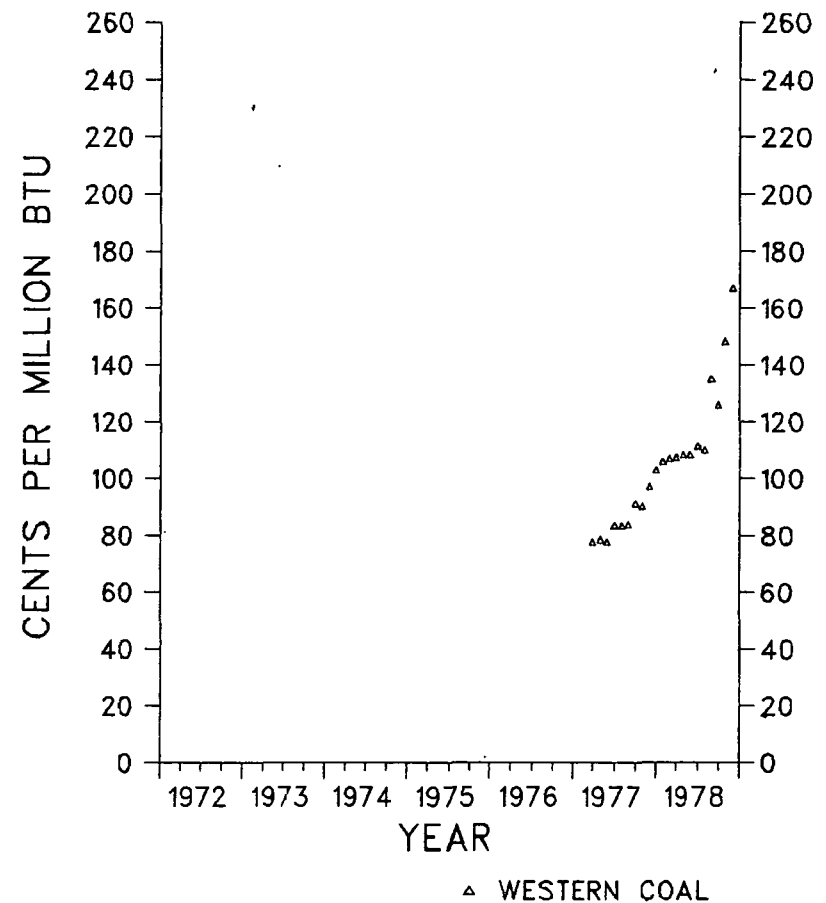


Figure 3.37.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN TEXAS
NEW CONTRACT

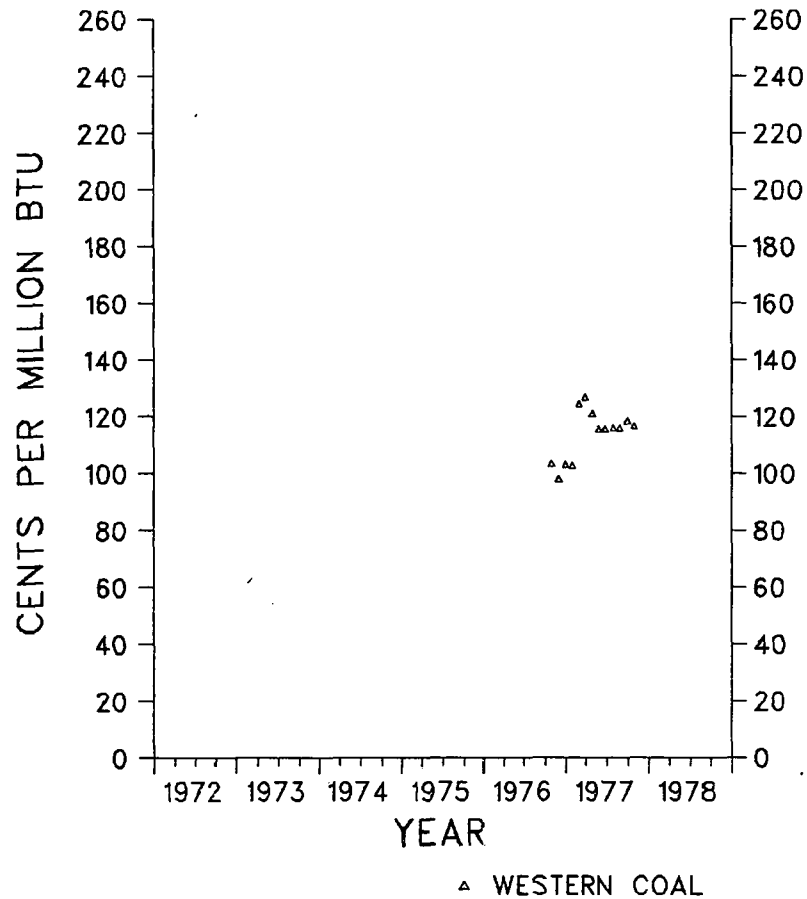


Figure 3.37.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN TEXAS
SPOT PURCHASE

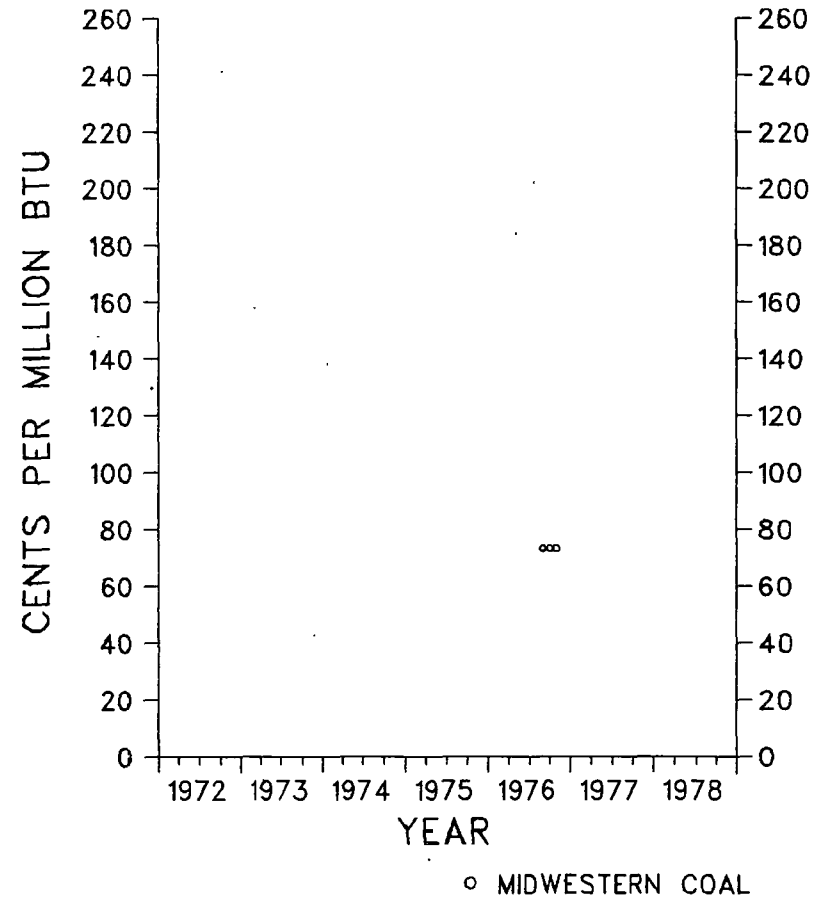


Figure 3.37.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN TEXAS

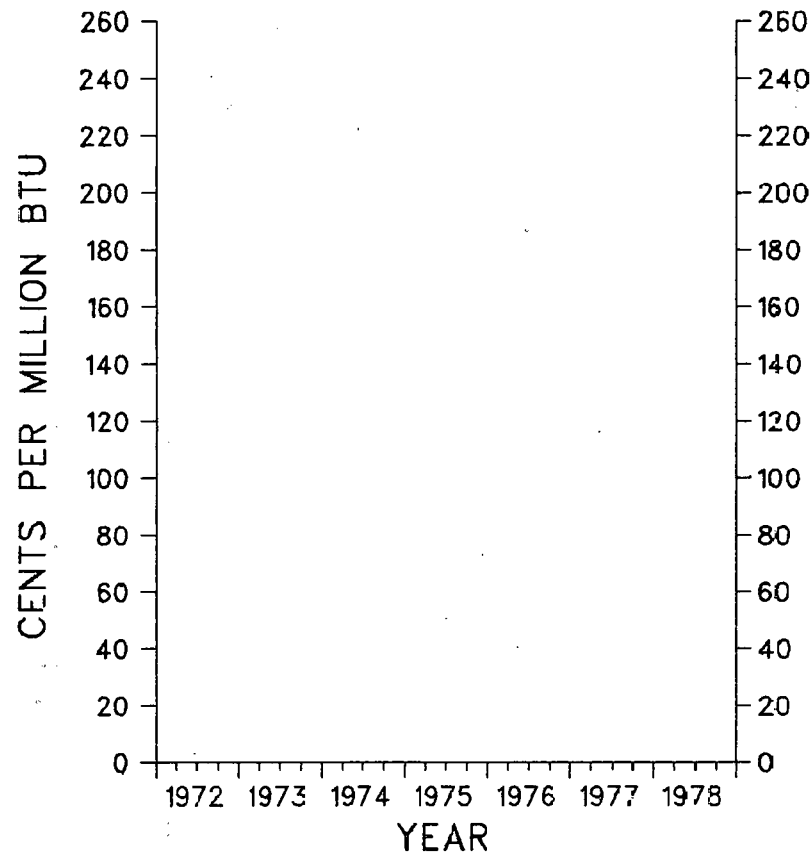


Figure 3.37.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN TEXAS

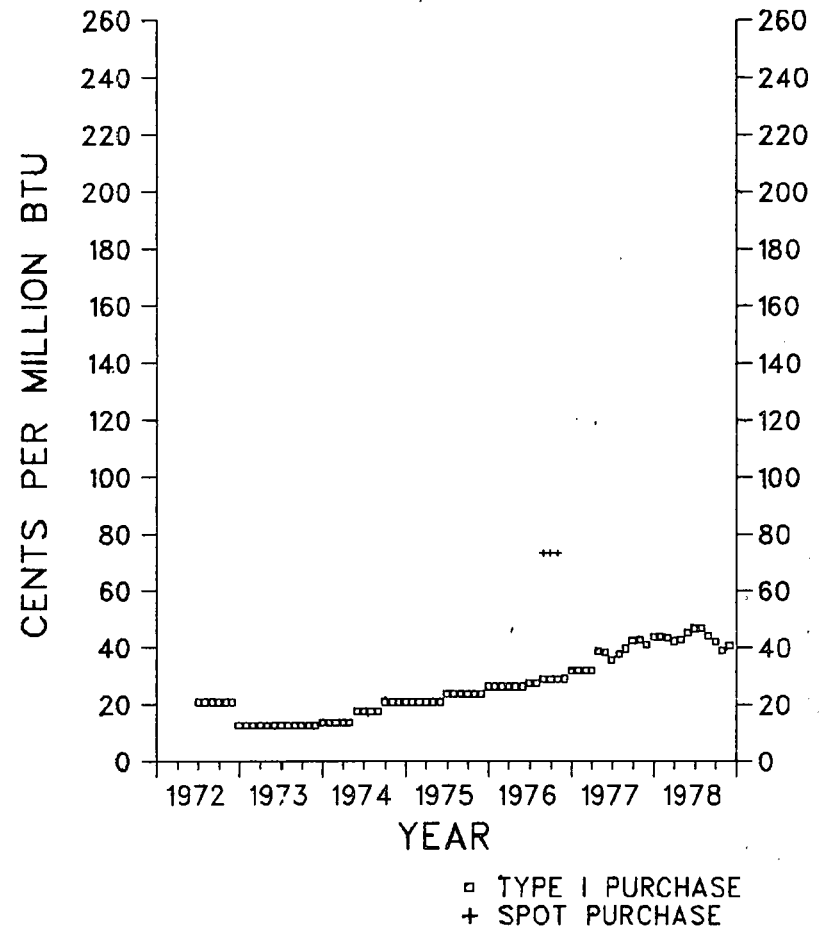


Figure 3.37.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN TEXAS

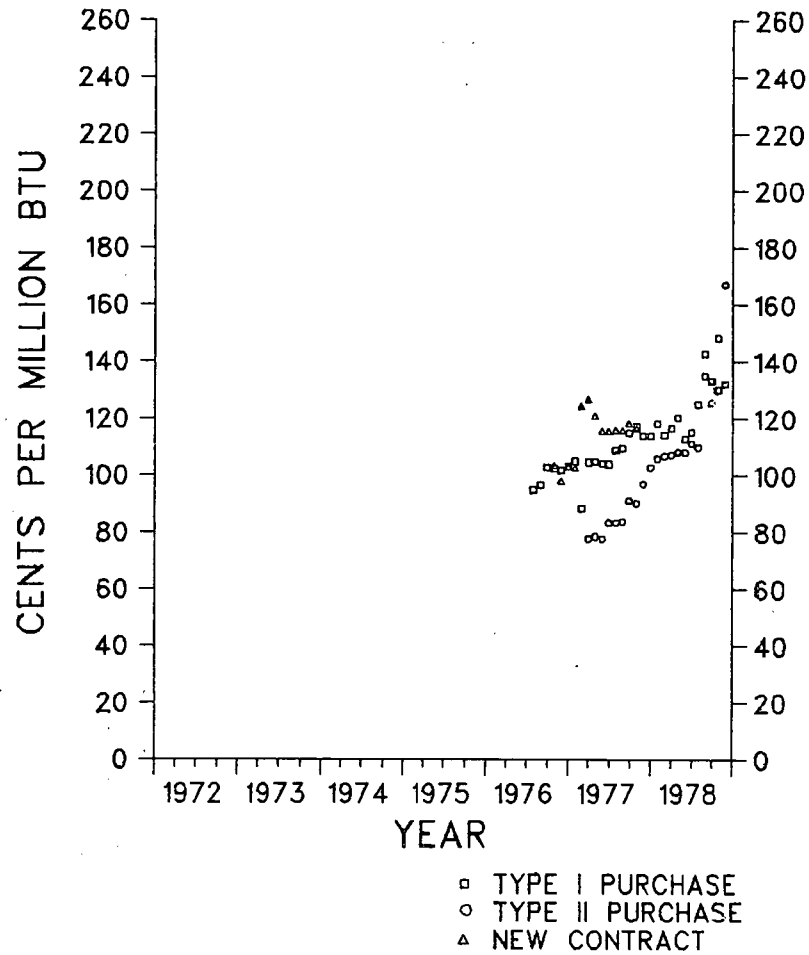


Figure 3.37.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES TEXAS

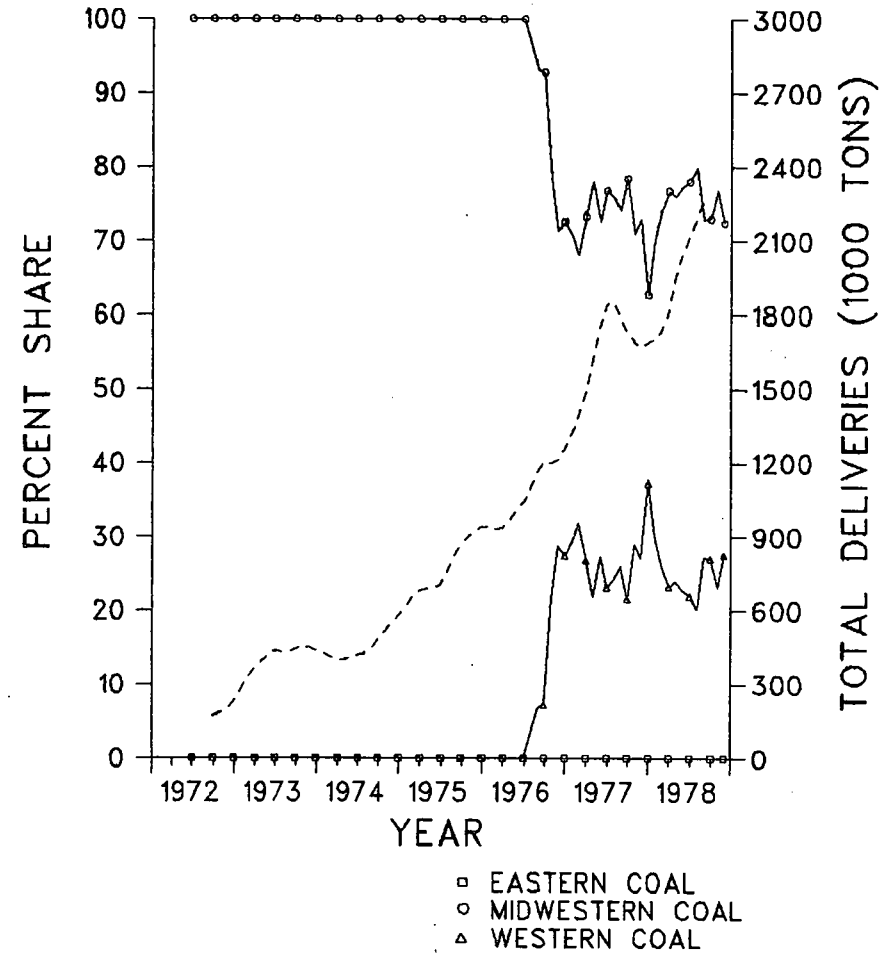


Figure 3.37.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN UTAH
TYPE I PURCHASE

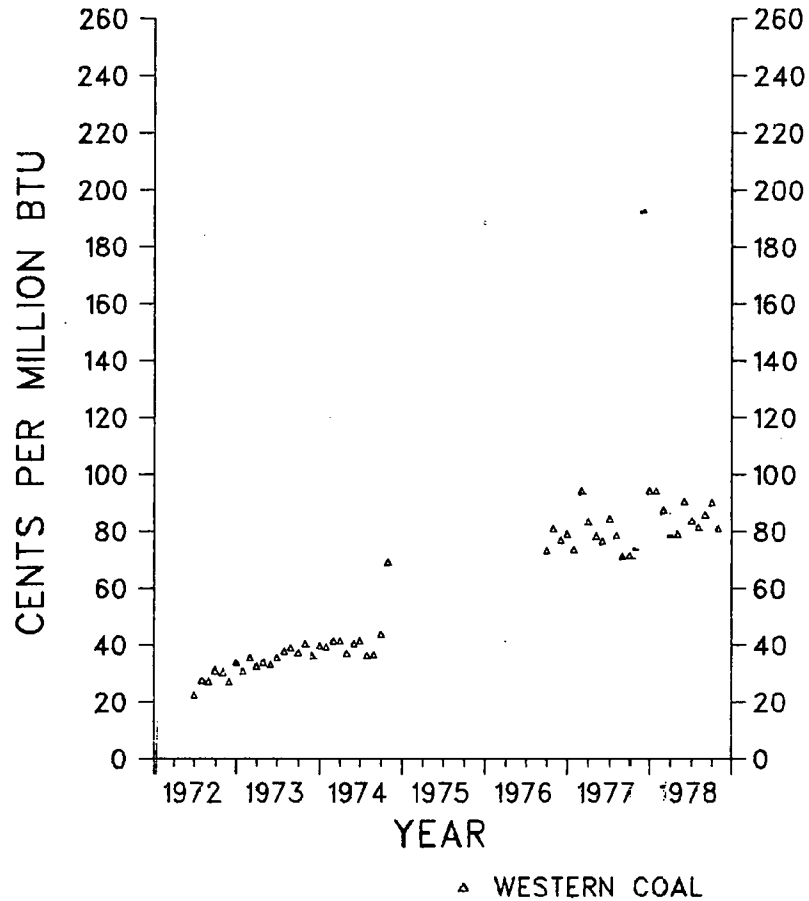


Figure 3.38.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN UTAH
TYPE II PURCHASE

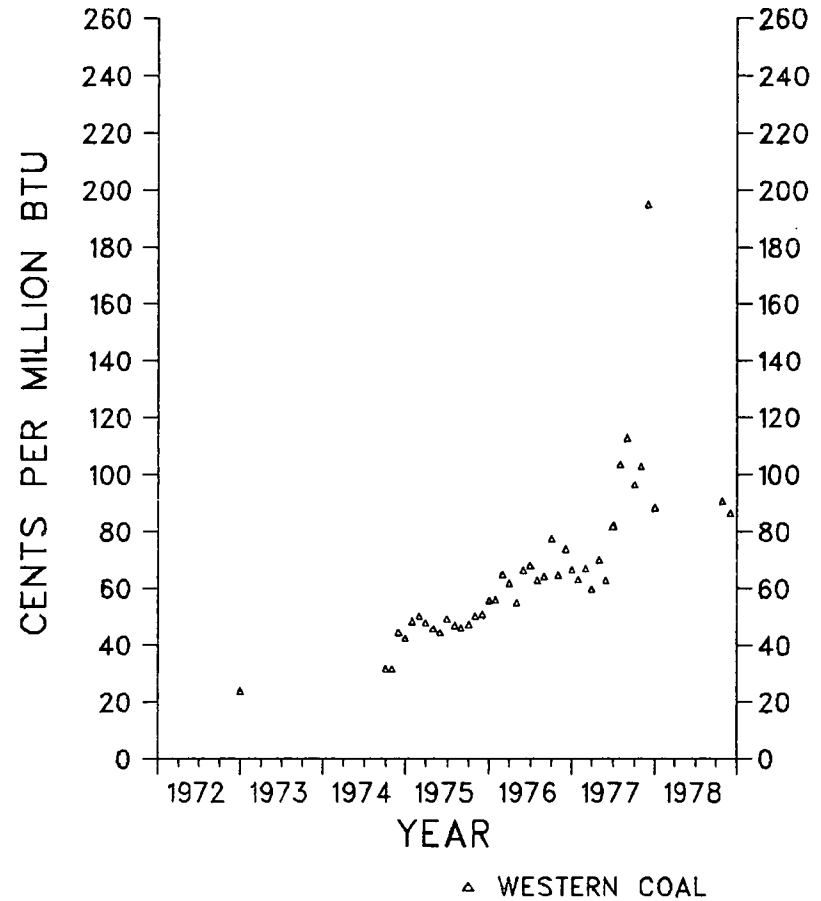


Figure 3.38.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN UTAH
NEW CONTRACT

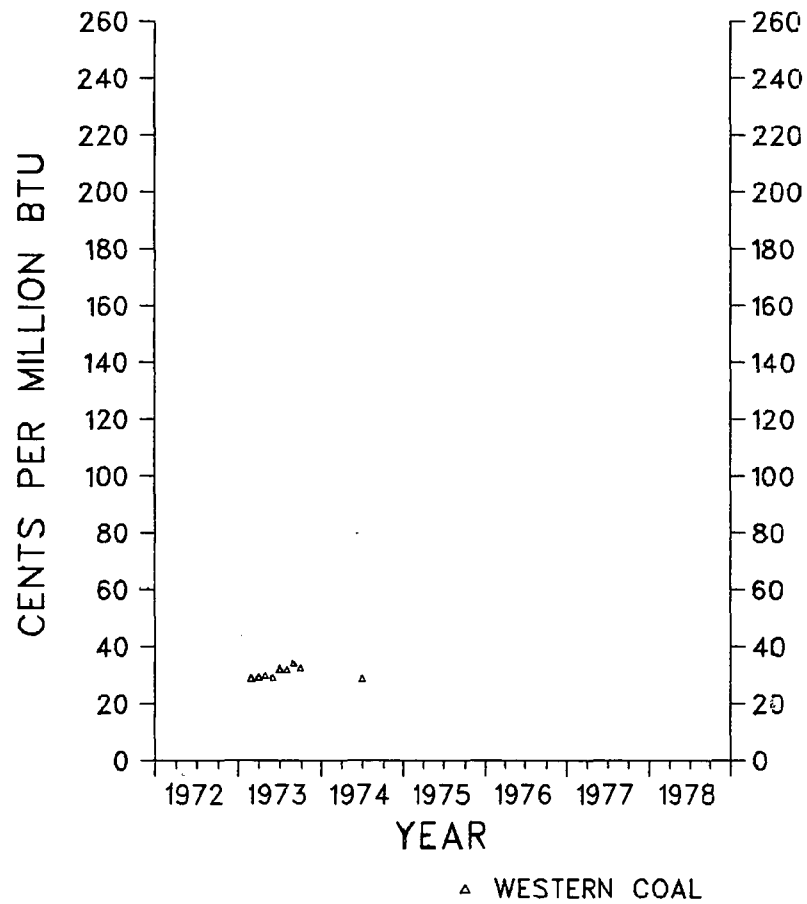


Figure 3.38.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN UTAH
SPOT PURCHASE

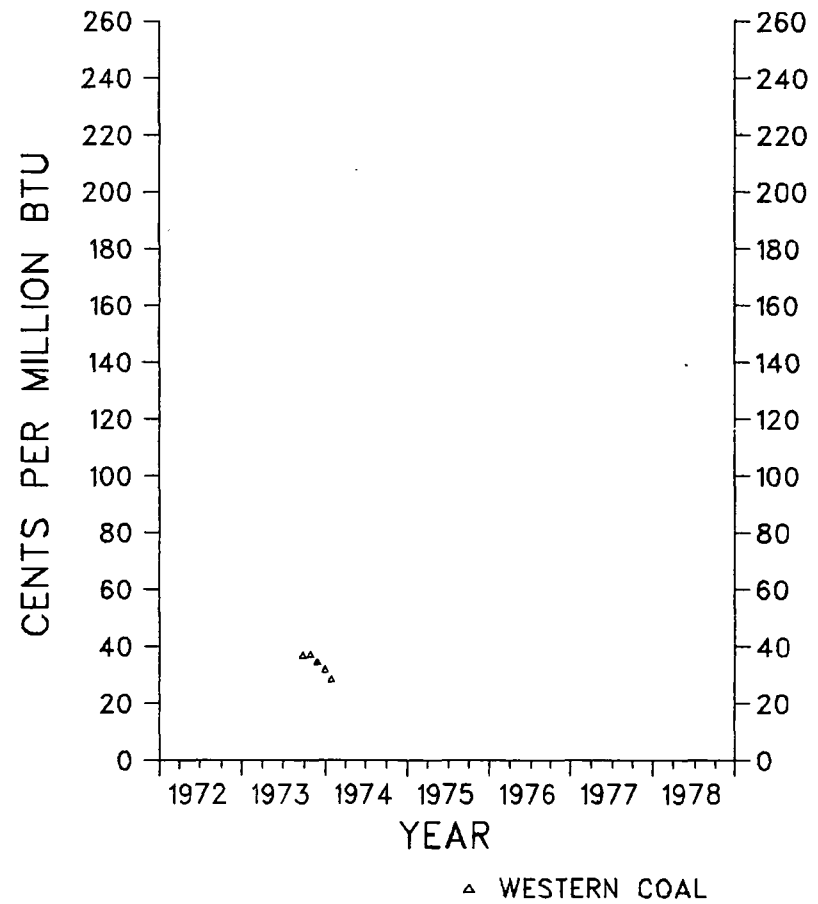


Figure 3.38.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN UTAH

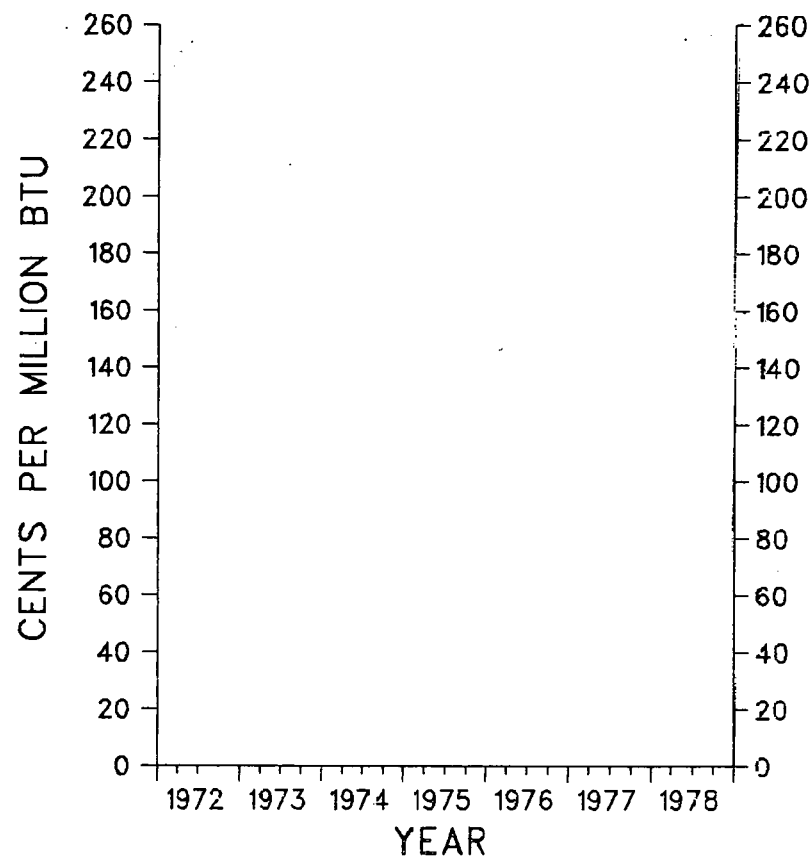


Figure 3.38.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN UTAH

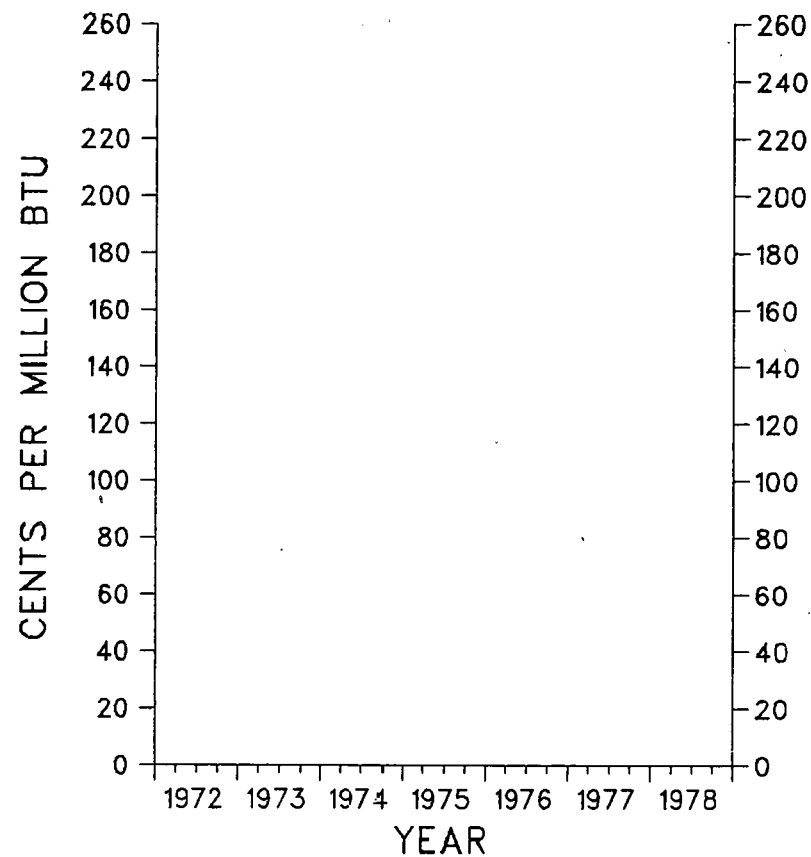


Figure 3.38.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN UTAH

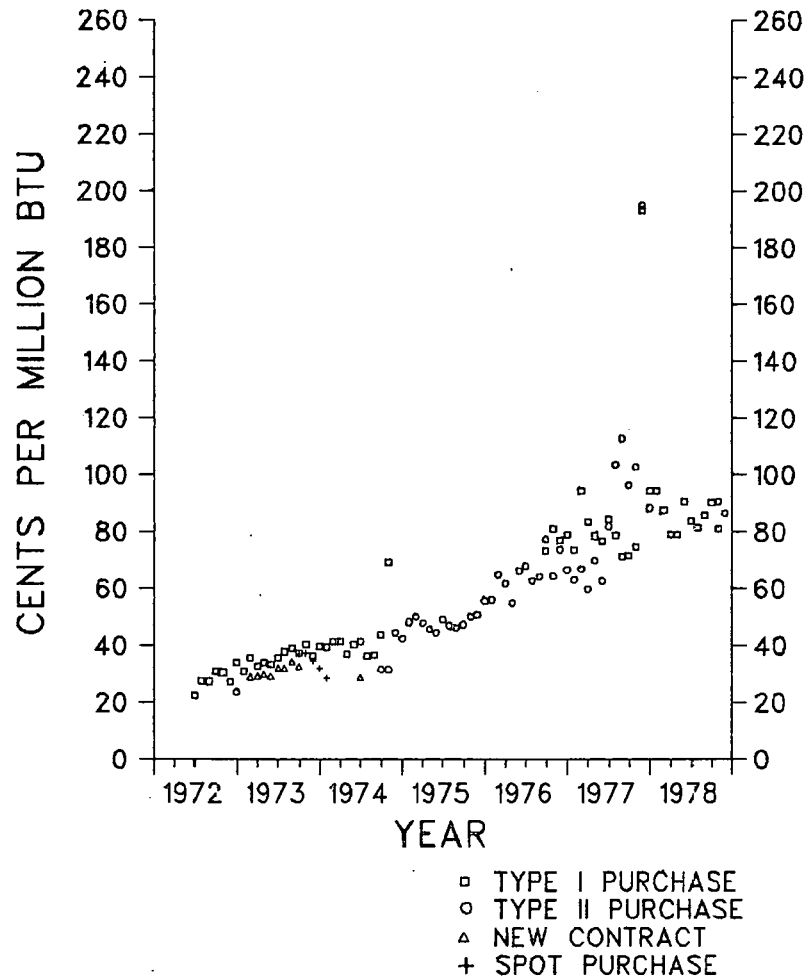


Figure 3.38.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES UTAH

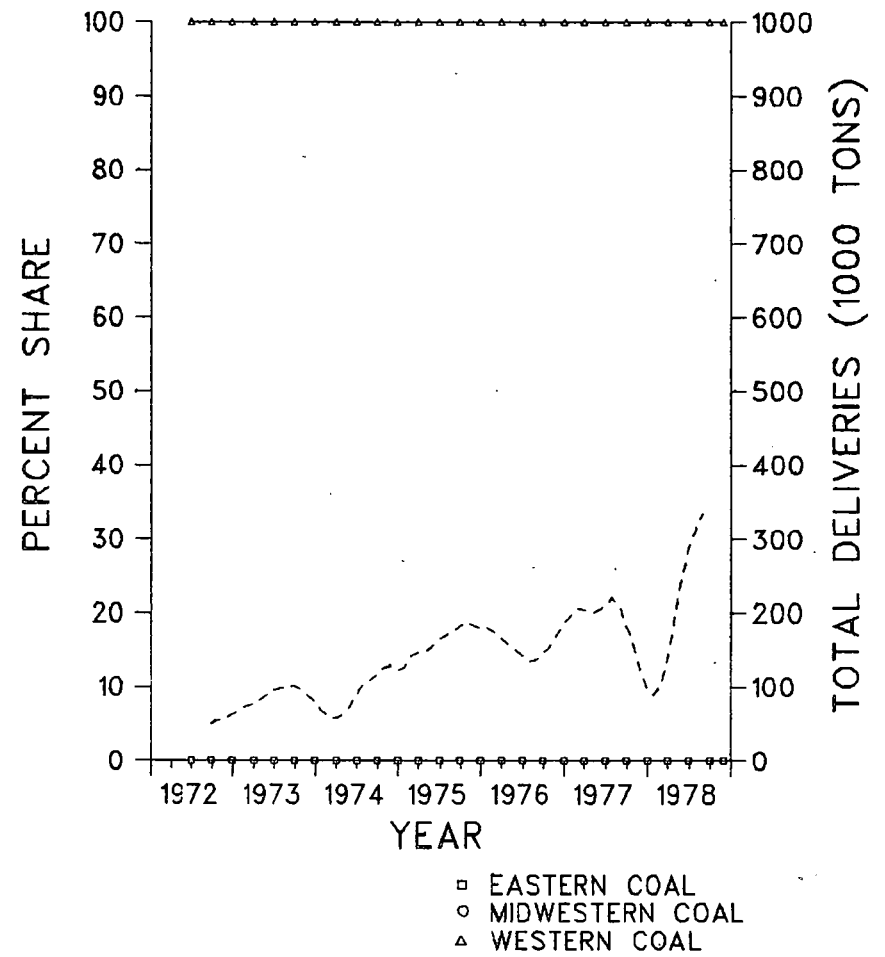


Figure 3.38.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN VERMONT
TYPE I PURCHASE

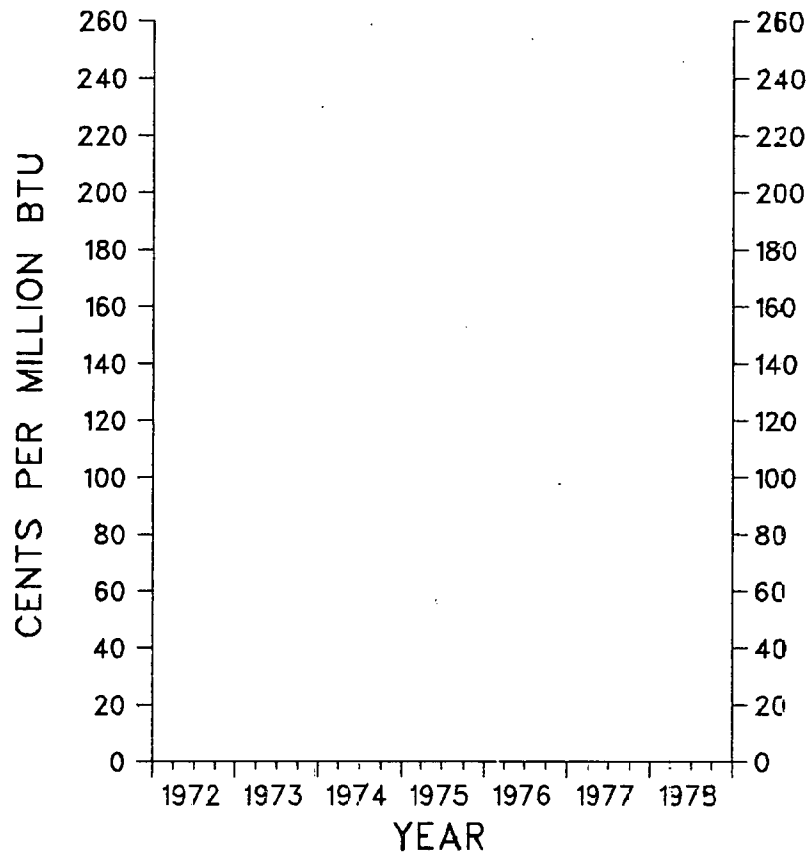


Figure 3.39.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN VERMONT
TYPE II PURCHASE

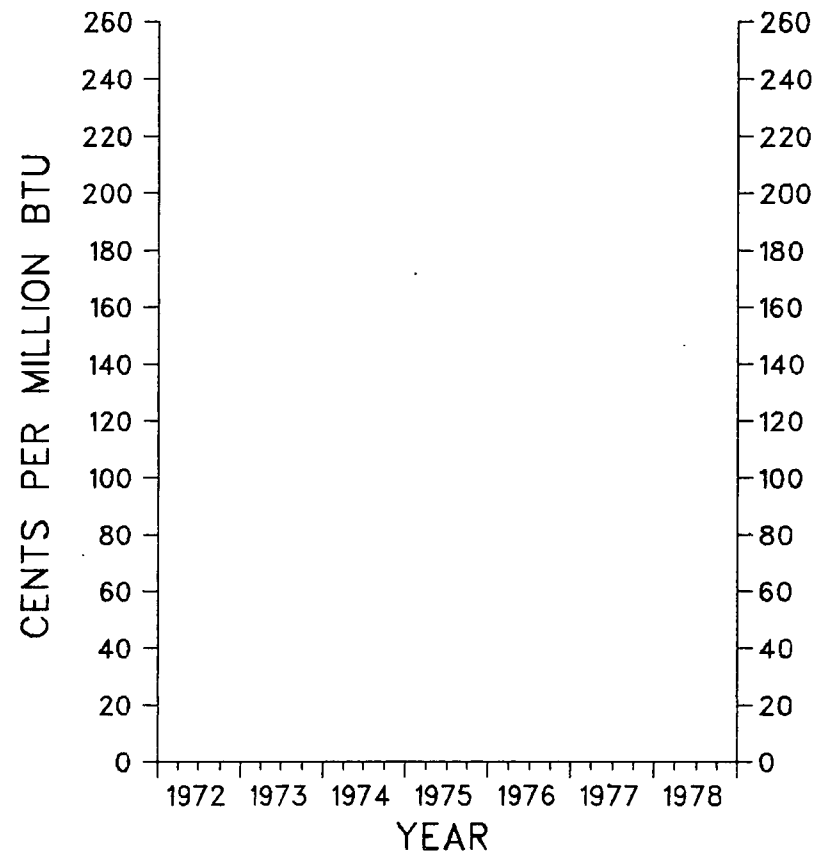


Figure 3.39.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN VERMONT
NEW CONTRACT

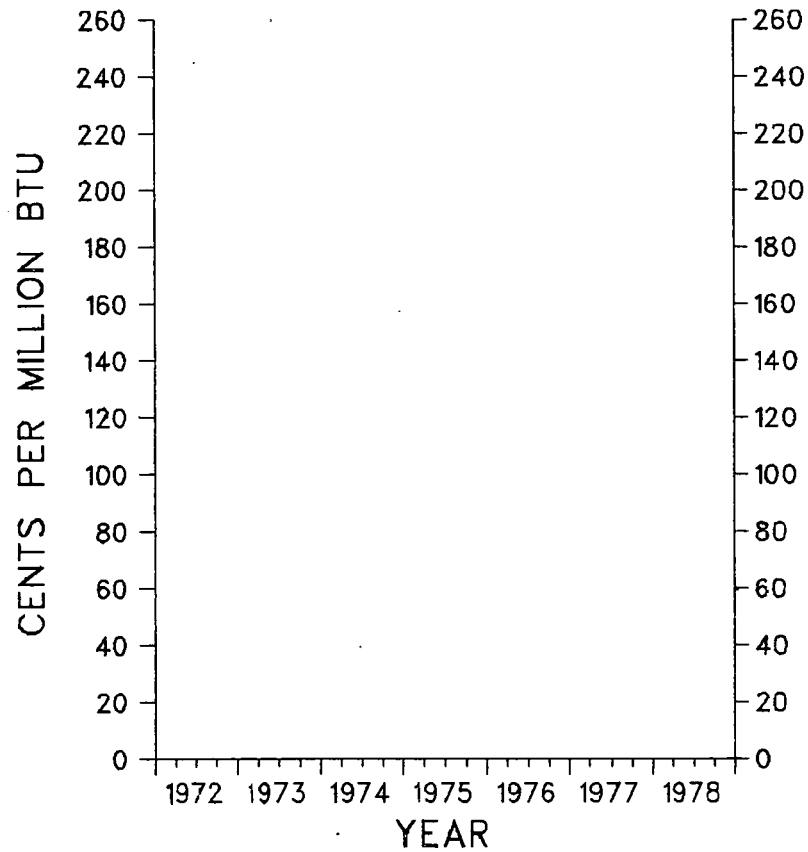


Figure 3.39.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN VERMONT
SPOT PURCHASE

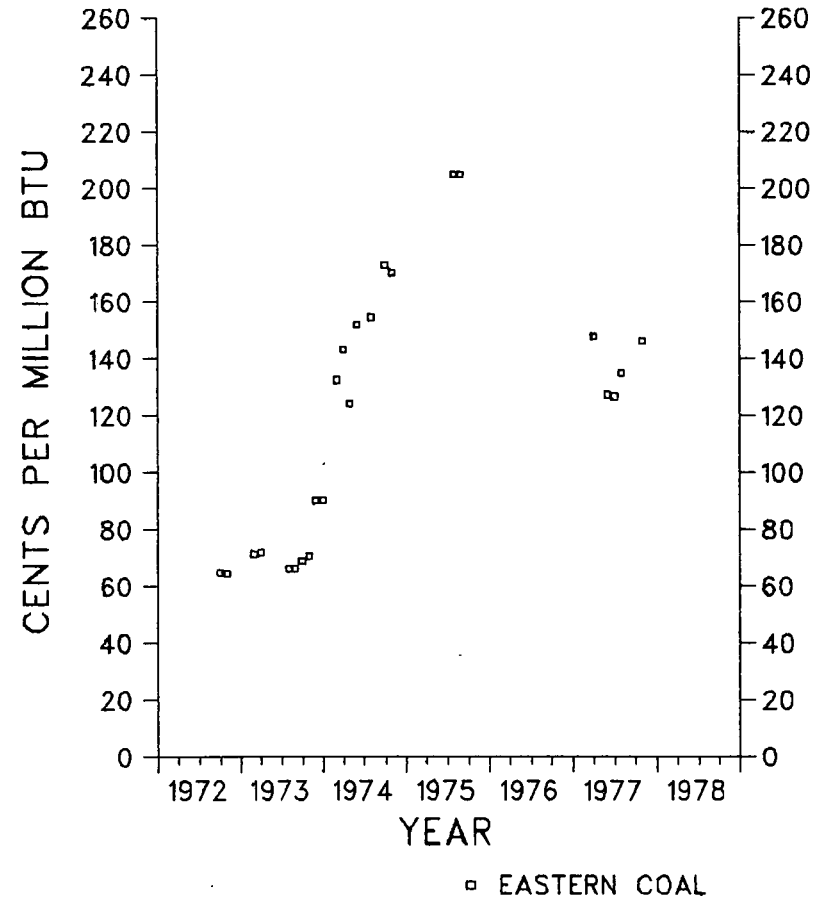


Figure 3.39.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN VERMONT

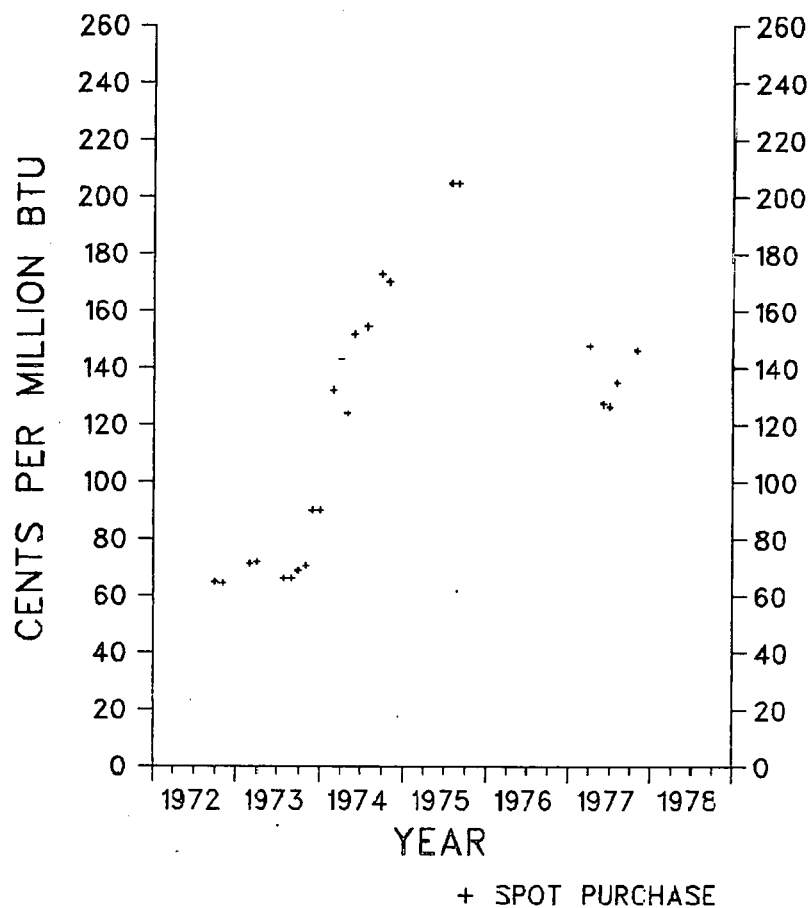


Figure 3.39.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN VERMONT

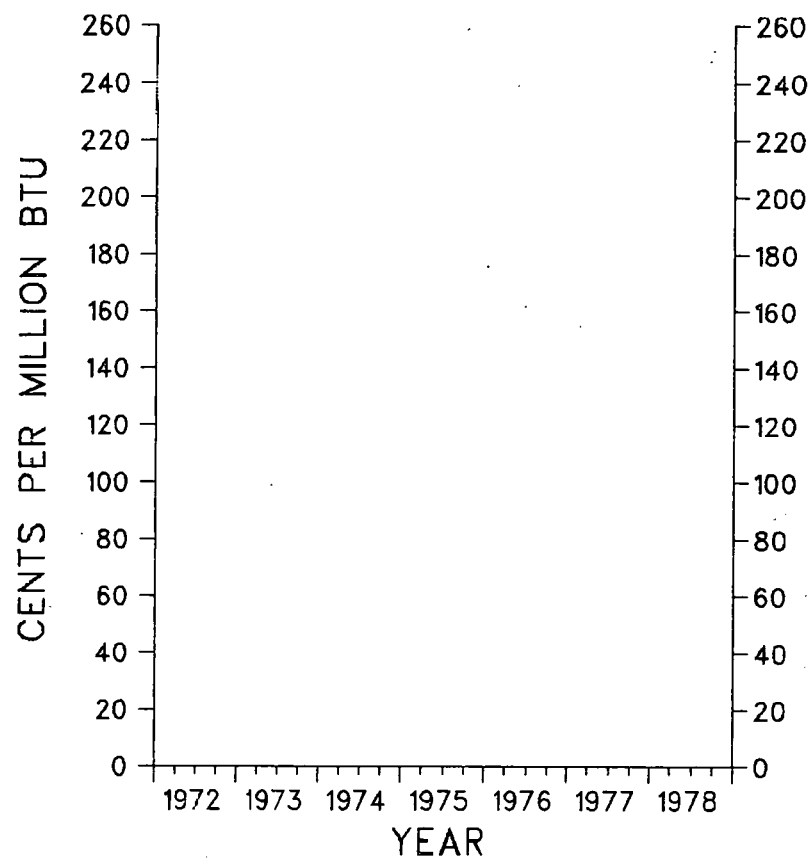


Figure 3.39.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN VERMONT

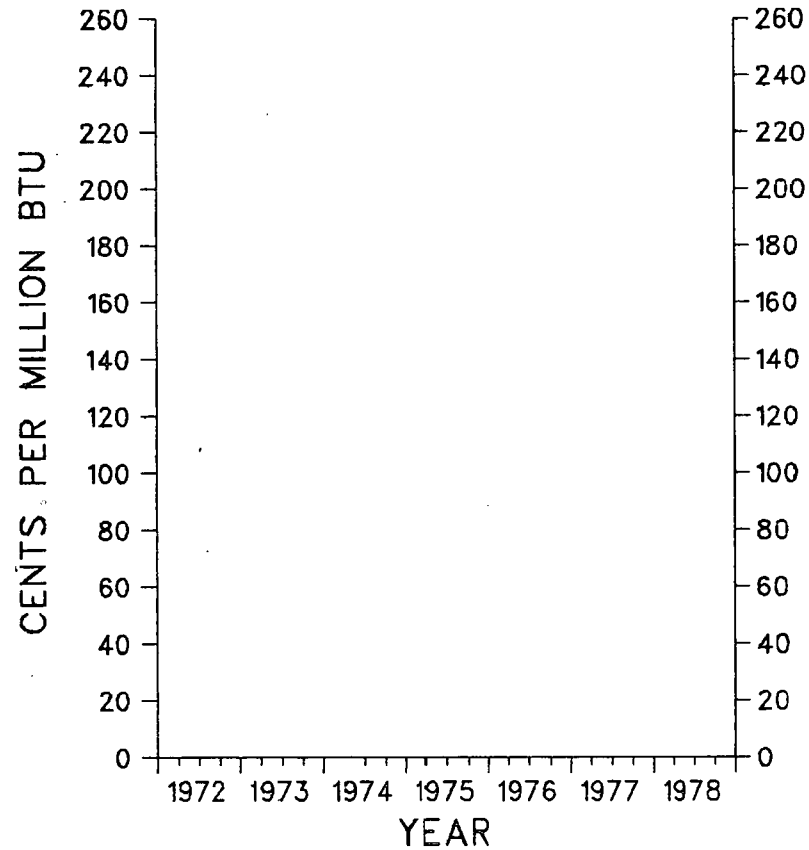


Figure 3.39.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES VERMONT

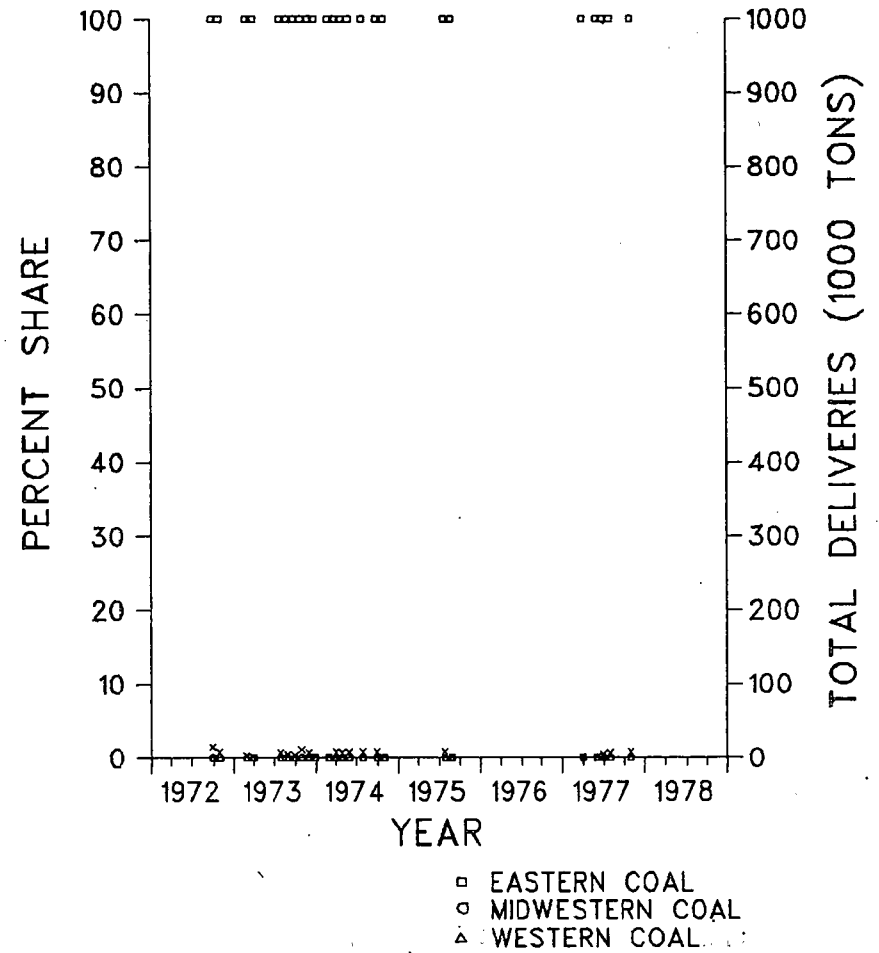


Figure 3.39.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN VIRGINIA
TYPE I PURCHASE

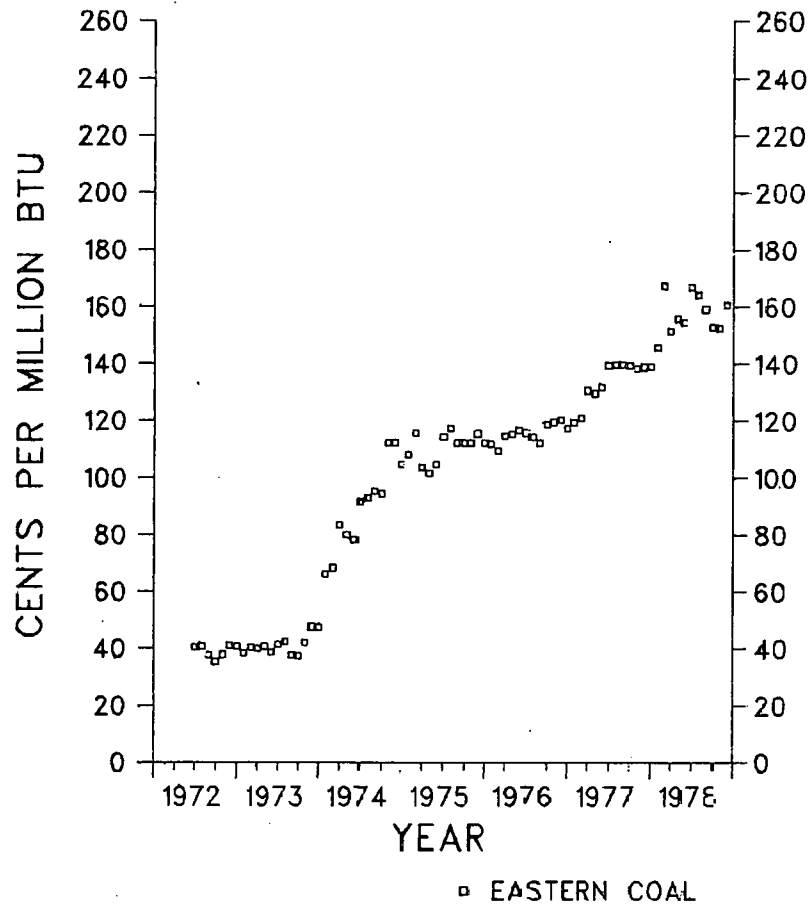


Figure 3.40.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN VIRGINIA
TYPE II PURCHASE

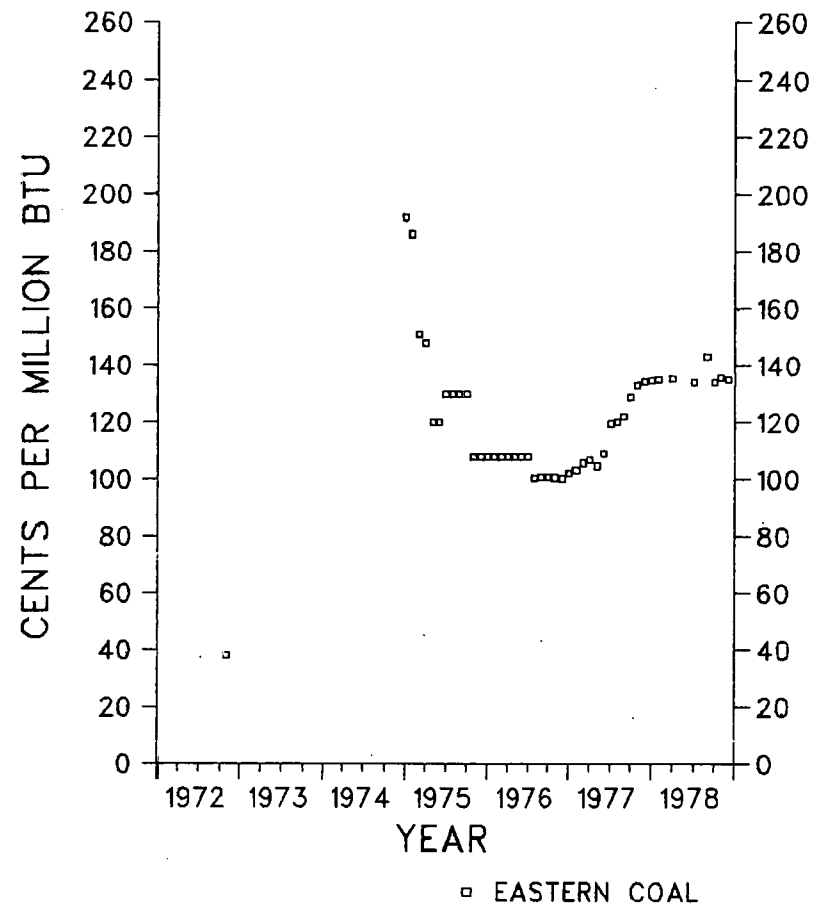


Figure 3.40.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN VIRGINIA
NEW CONTRACT

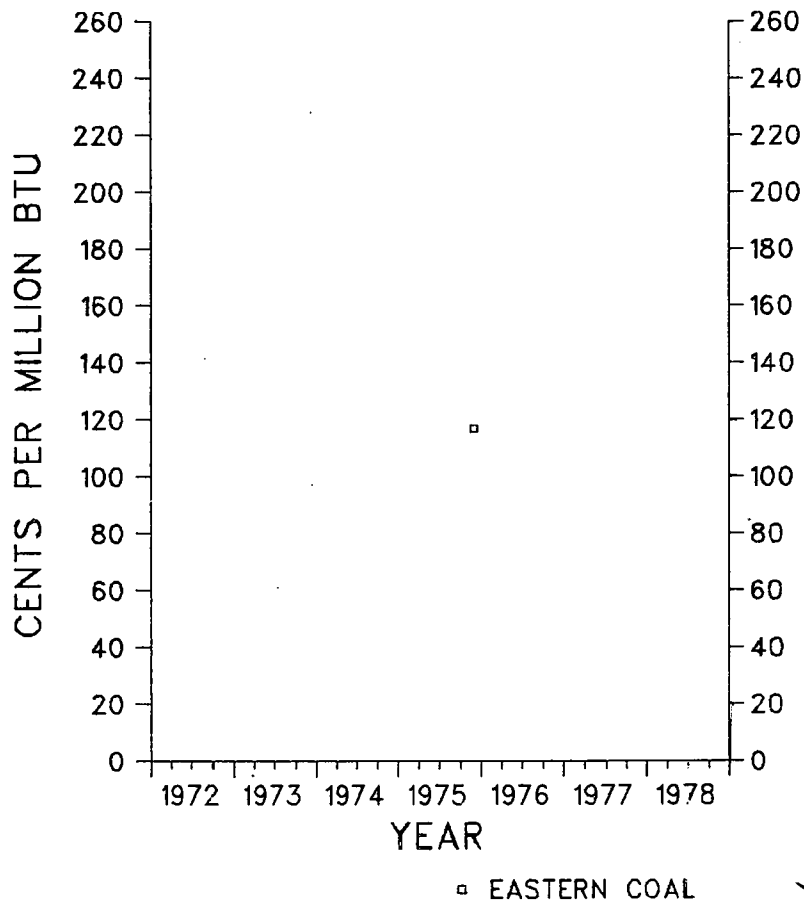


Figure 3.40.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN VIRGINIA
SPOT PURCHASE

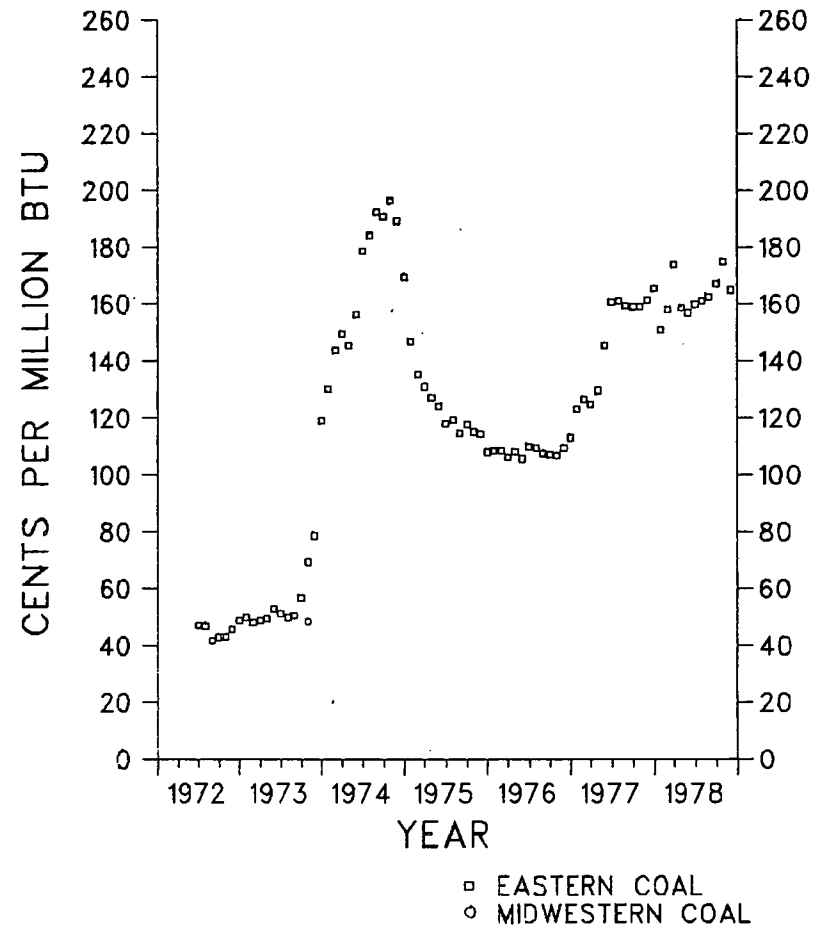


Figure 3.40.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN VIRGINIA

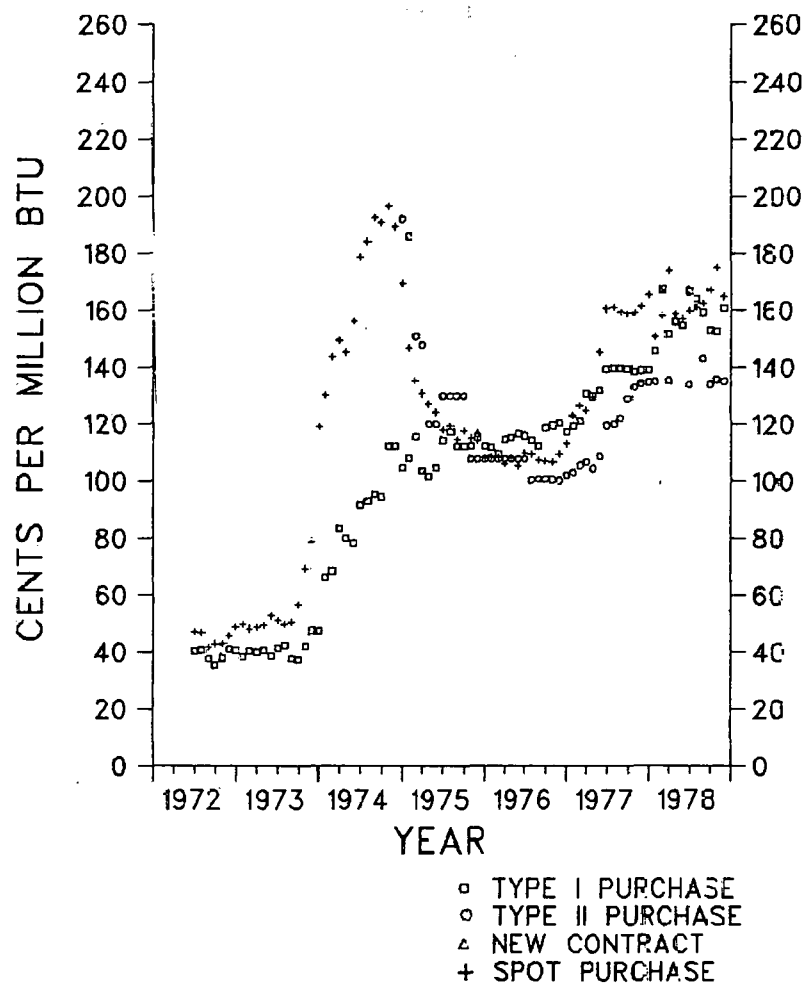


Figure 3.40.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN VIRGINIA

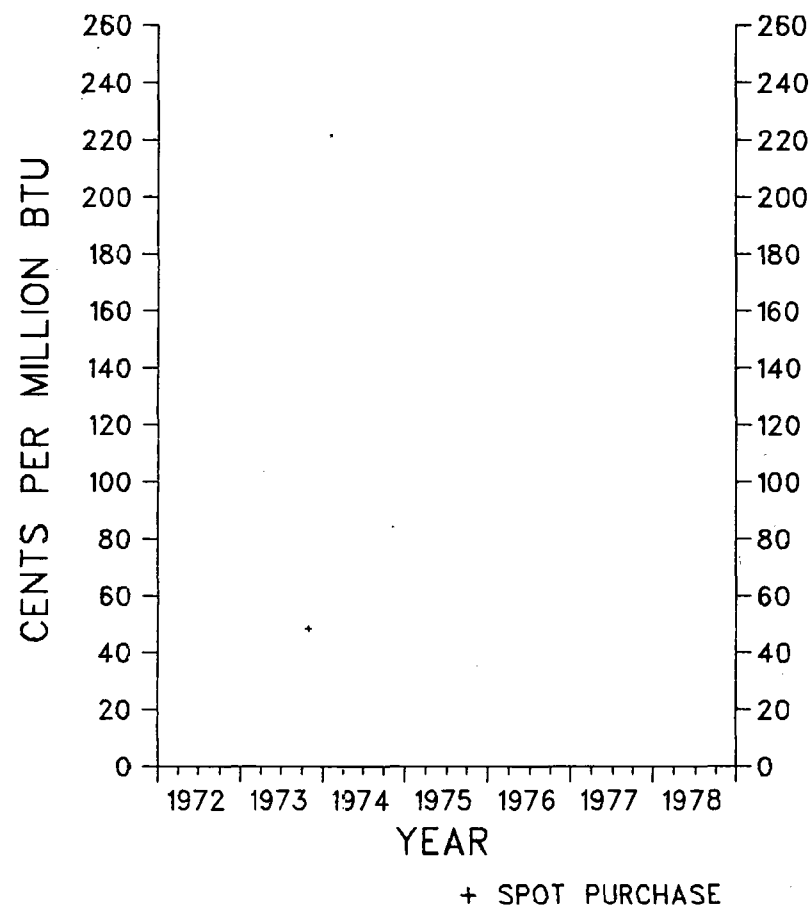


Figure 3.40.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN VIRGINIA

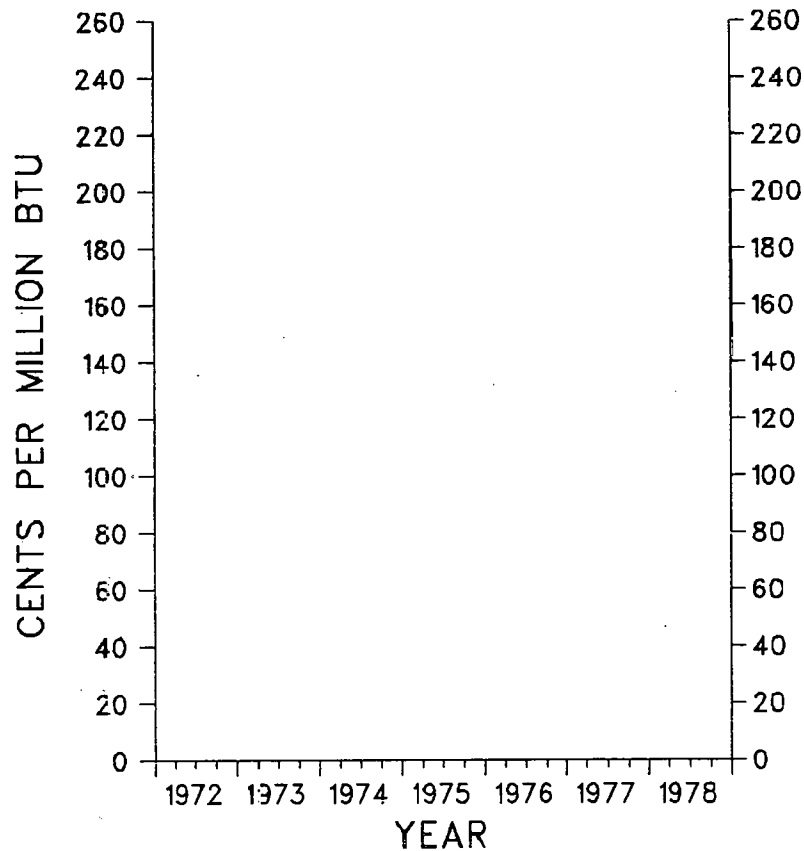


Figure 3.40.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES VIRGINIA

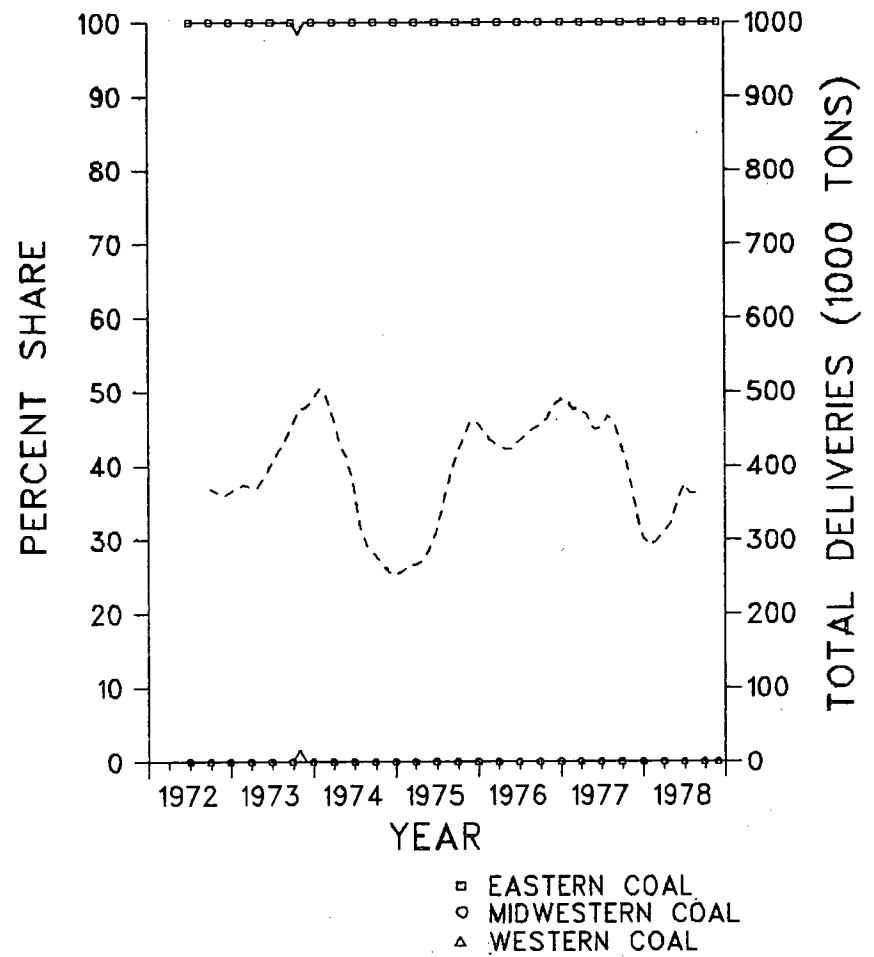


Figure 3.40.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WASHINGTON
TYPE I PURCHASE

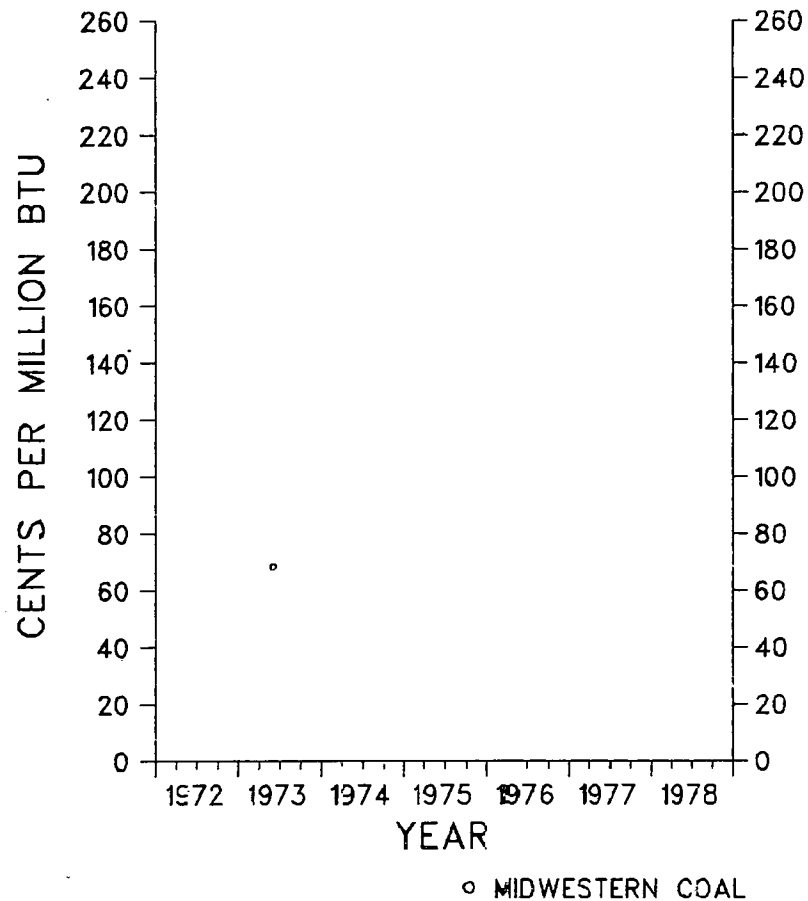


Figure 3.41.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WASHINGTON
TYPE II PURCHASE

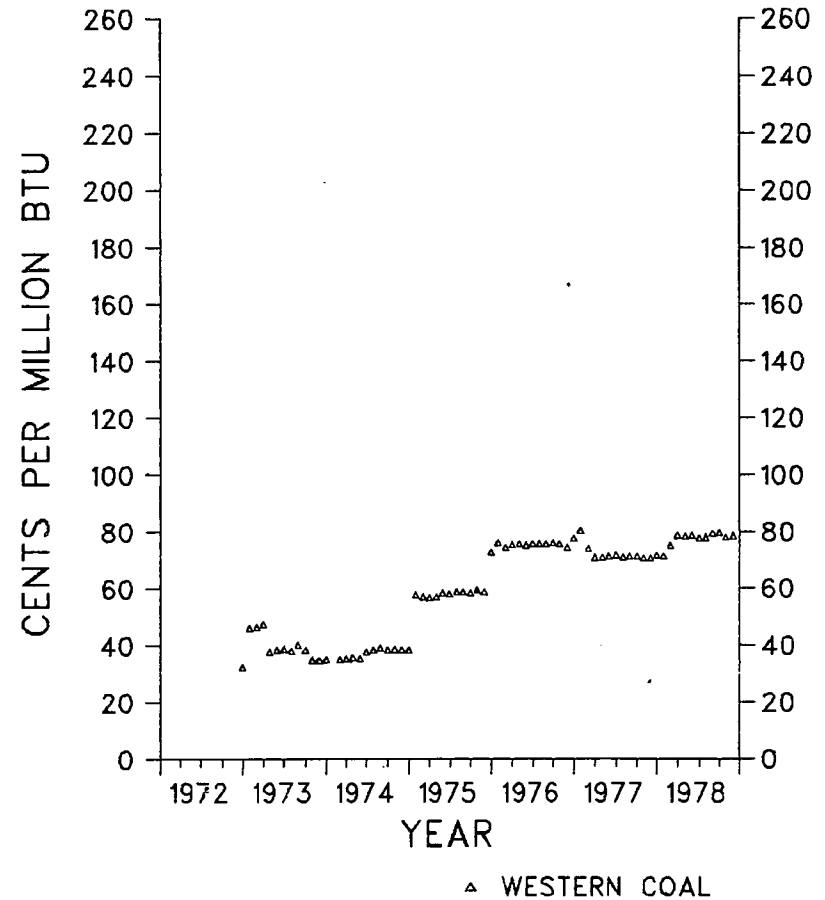


Figure 3.41.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WASHINGTON
NEW CONTRACT

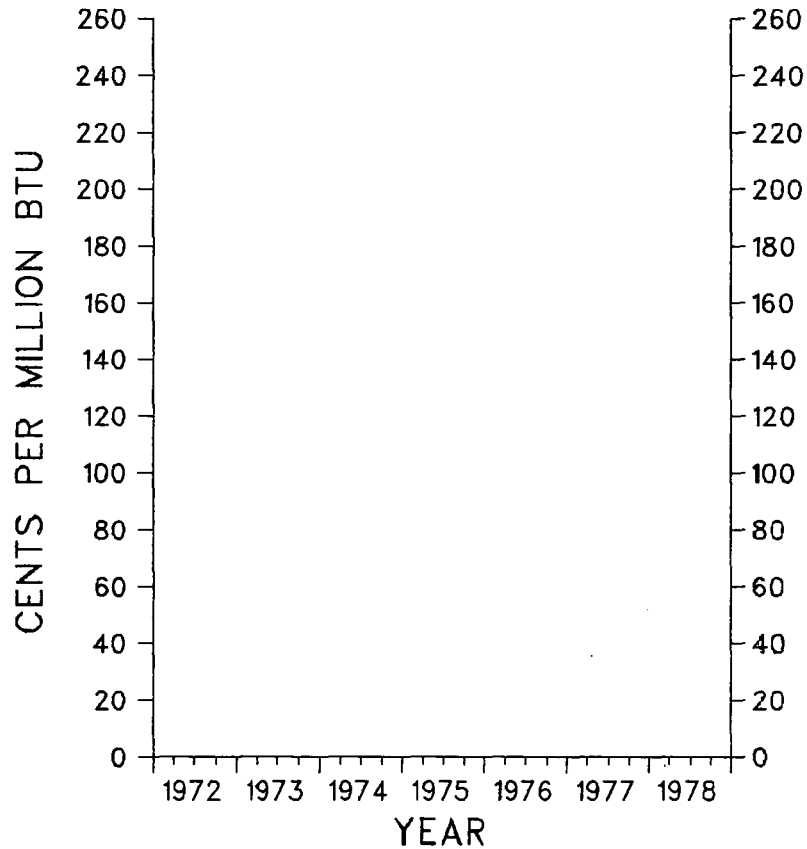


Figure 3.41.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WASHINGTON
SPOT PURCHASE

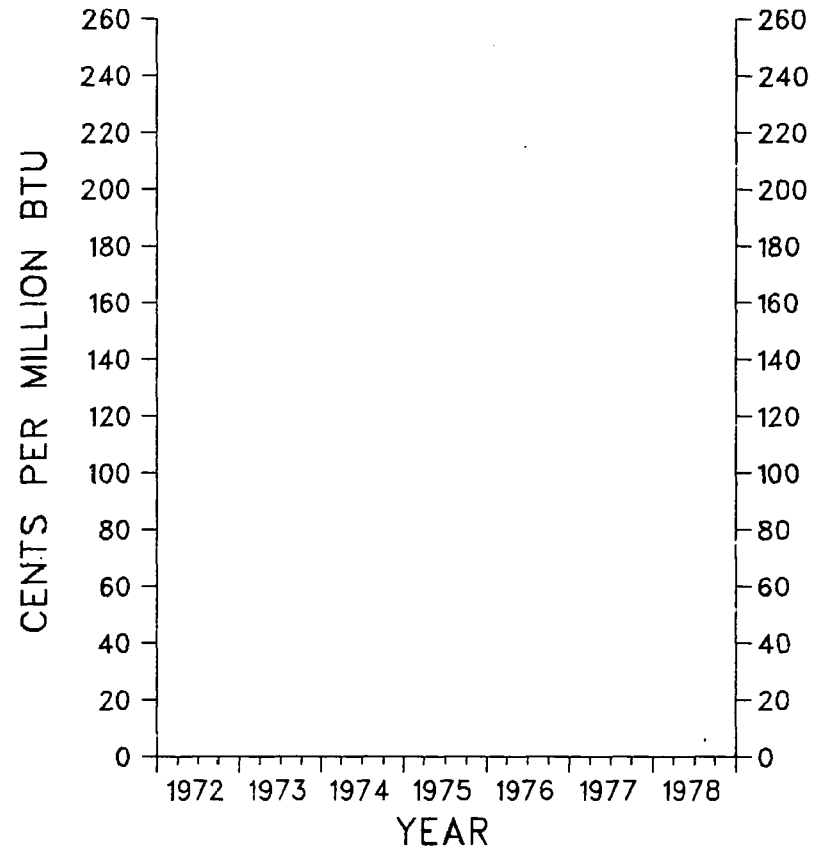


Figure 3.41.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN WASHINGTON

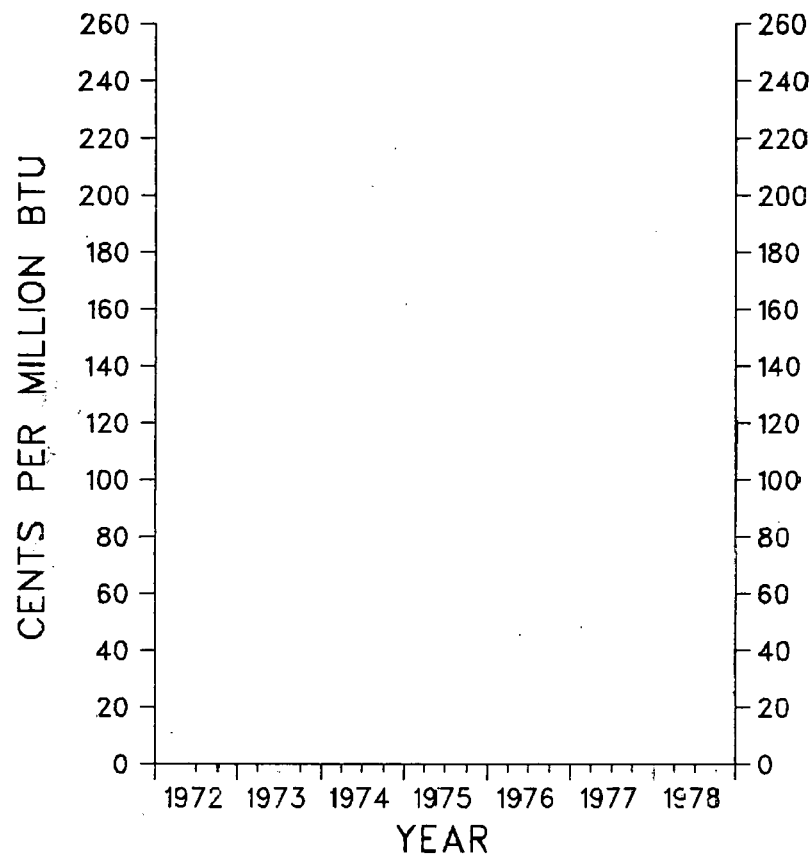


Figure 3.41.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN WASHINGTON

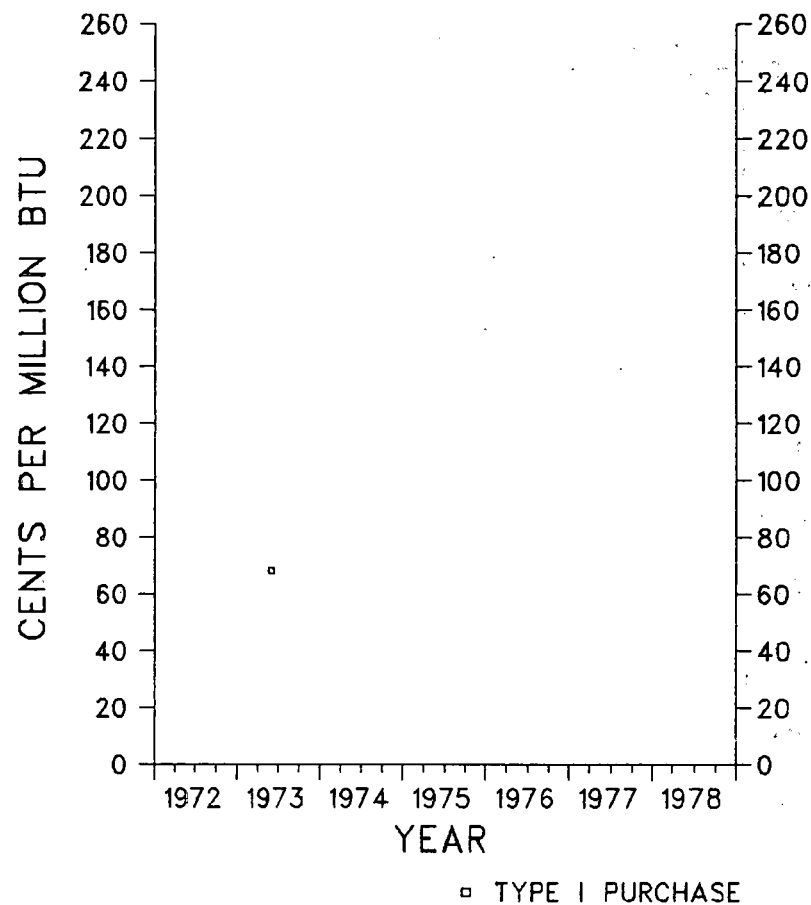


Figure 3.41.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN WASHINGTON

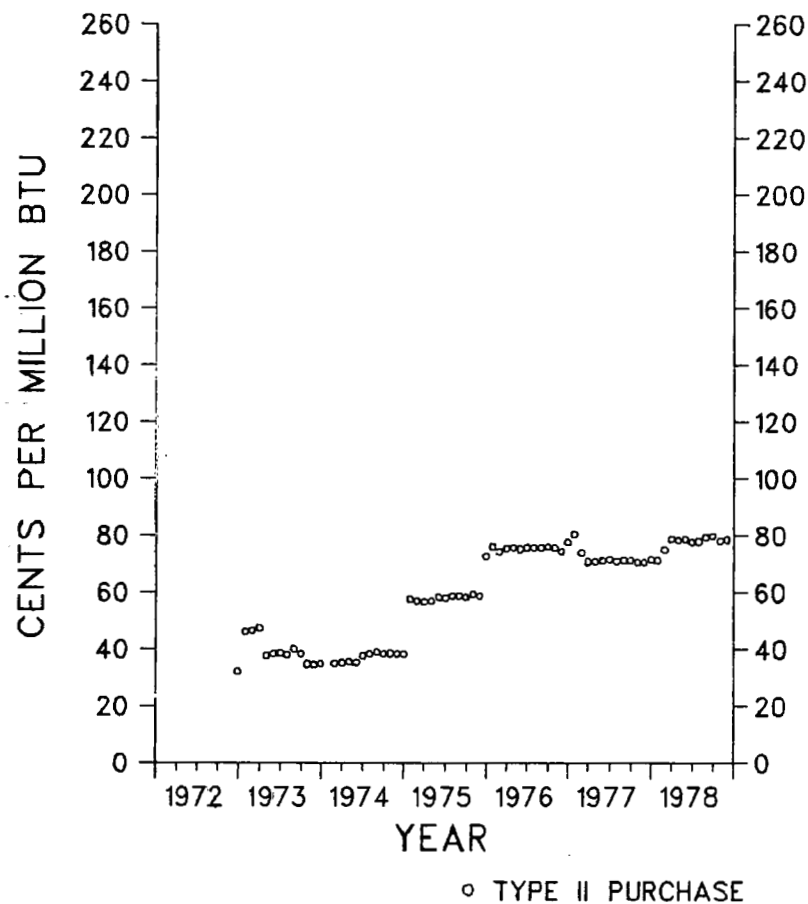


Figure 3.41.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES WASHINGTON

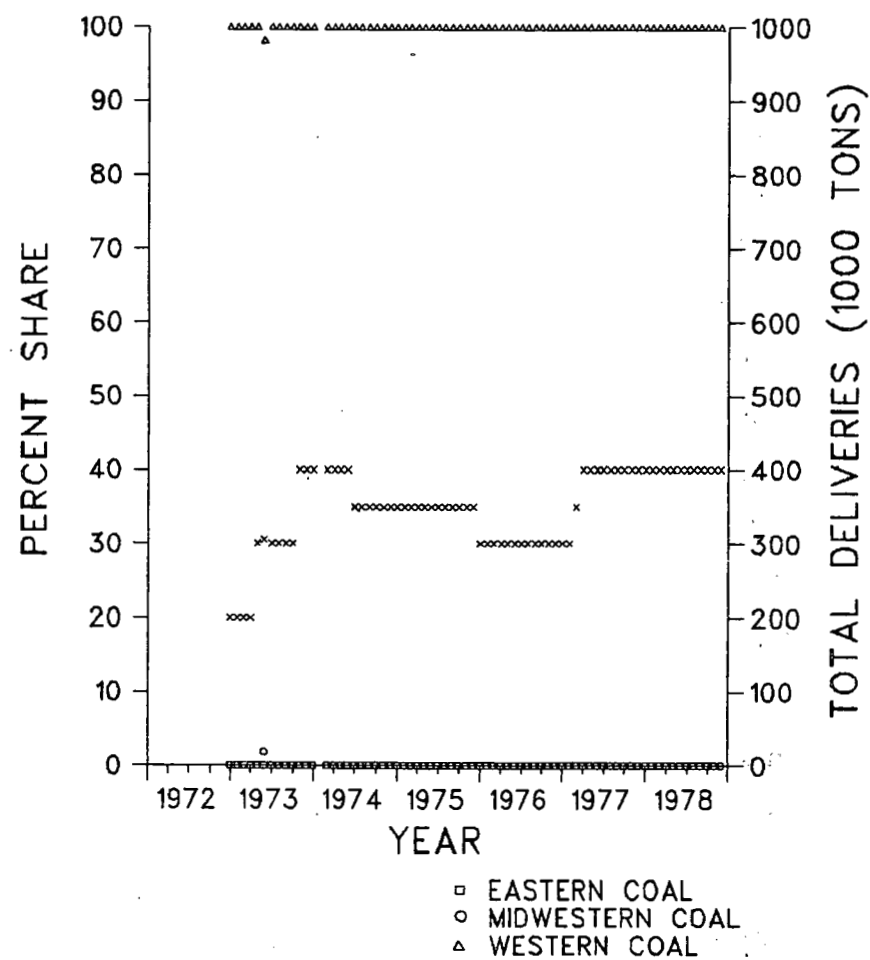


Figure 3.41.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WEST VIRGINIA
TYPE I PURCHASE

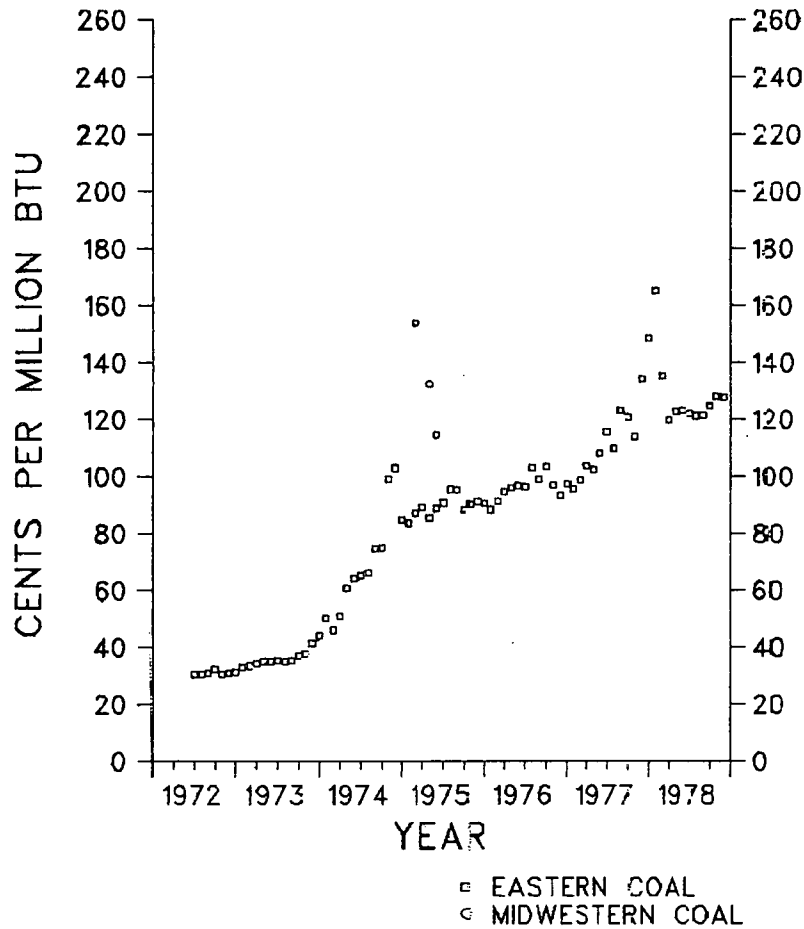


Figure 3.42.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WEST VIRGINIA
TYPE II PURCHASE

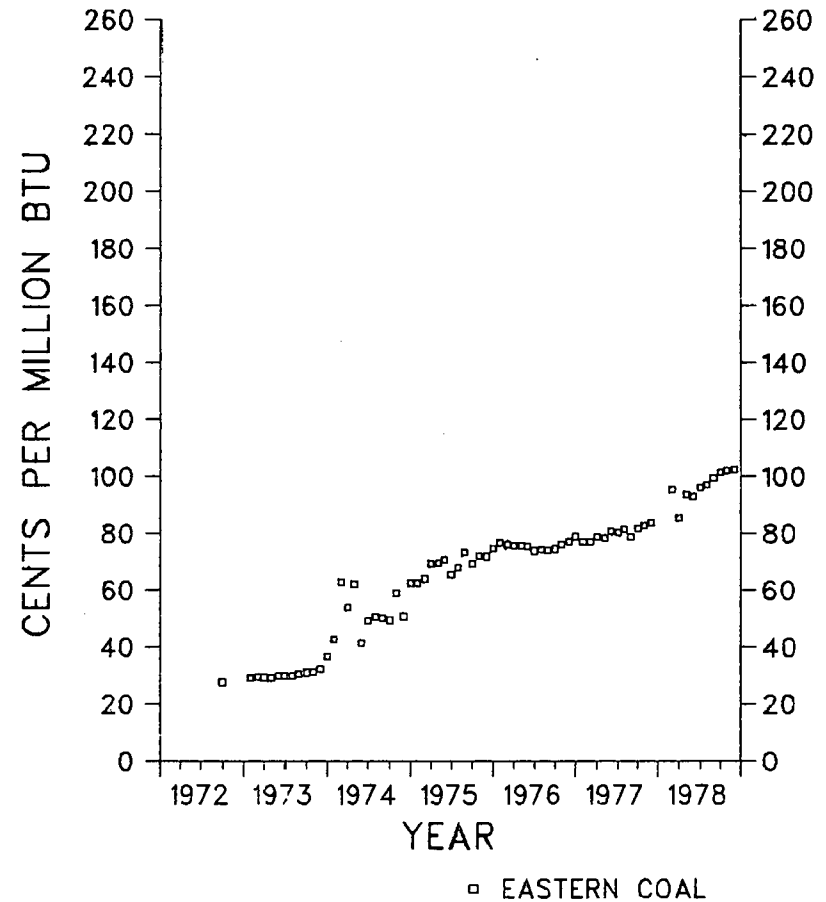


Figure 3.42.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WEST VIRGINIA
NEW CONTRACT

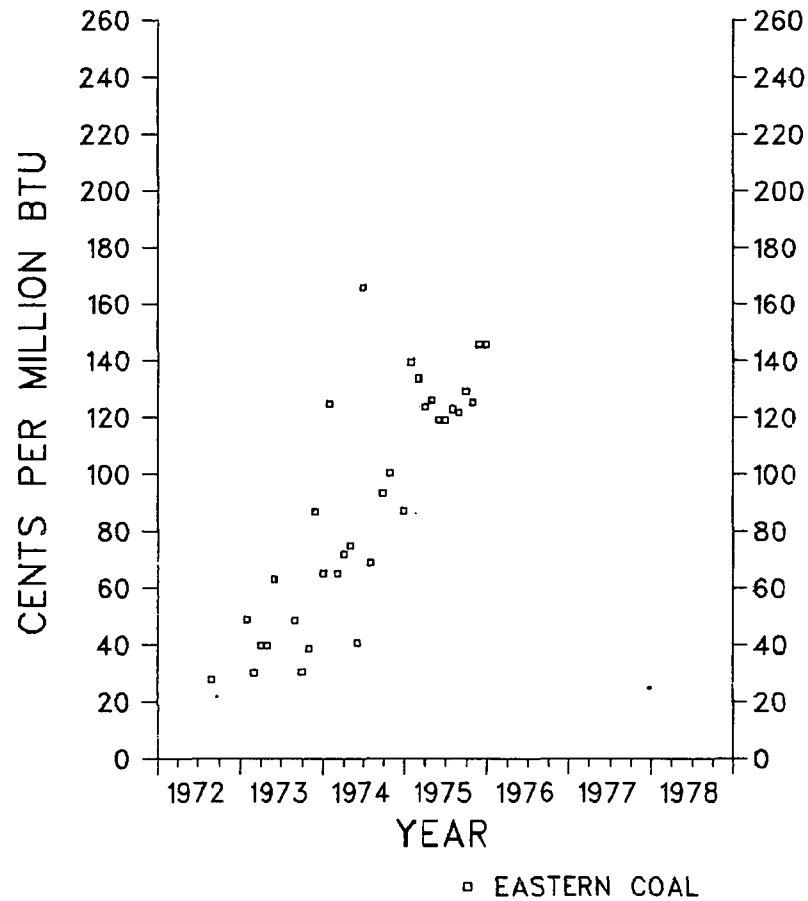


Figure 3.42.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WEST VIRGINIA
SPOT PURCHASE

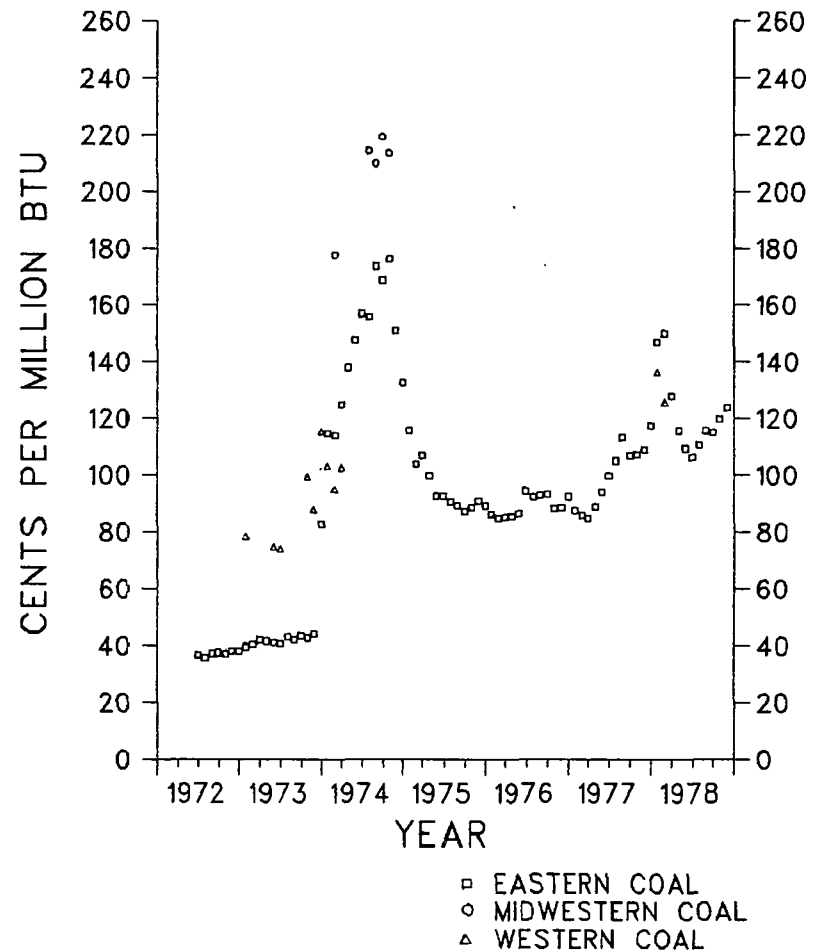


Figure 3.42.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN WEST VIRGINIA

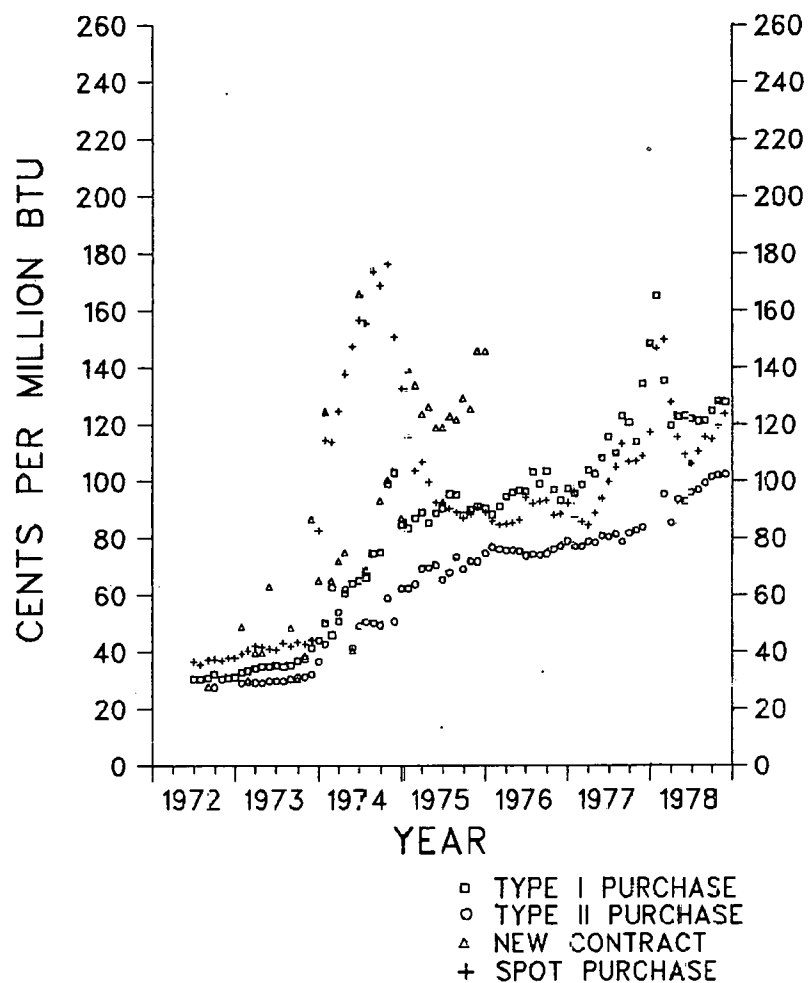


Figure 3.42.5

PRICES OF MIDWESTERN COAL BY
TYPE OF PURCHASE IN WEST VIRGINIA

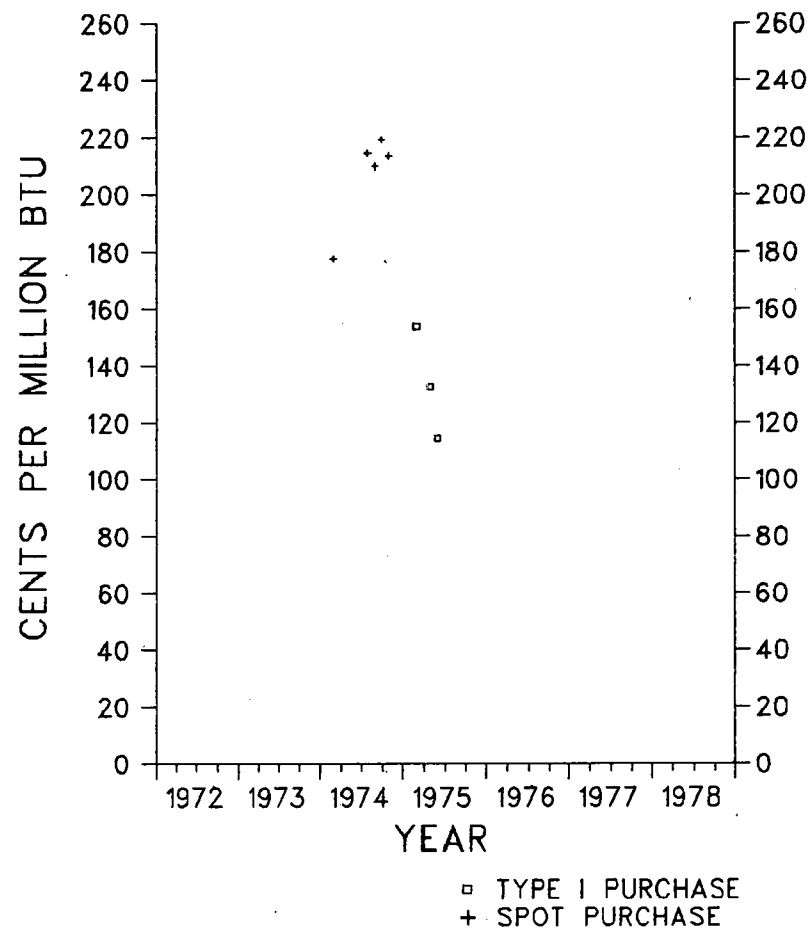


Figure 3.42.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN WEST VIRGINIA

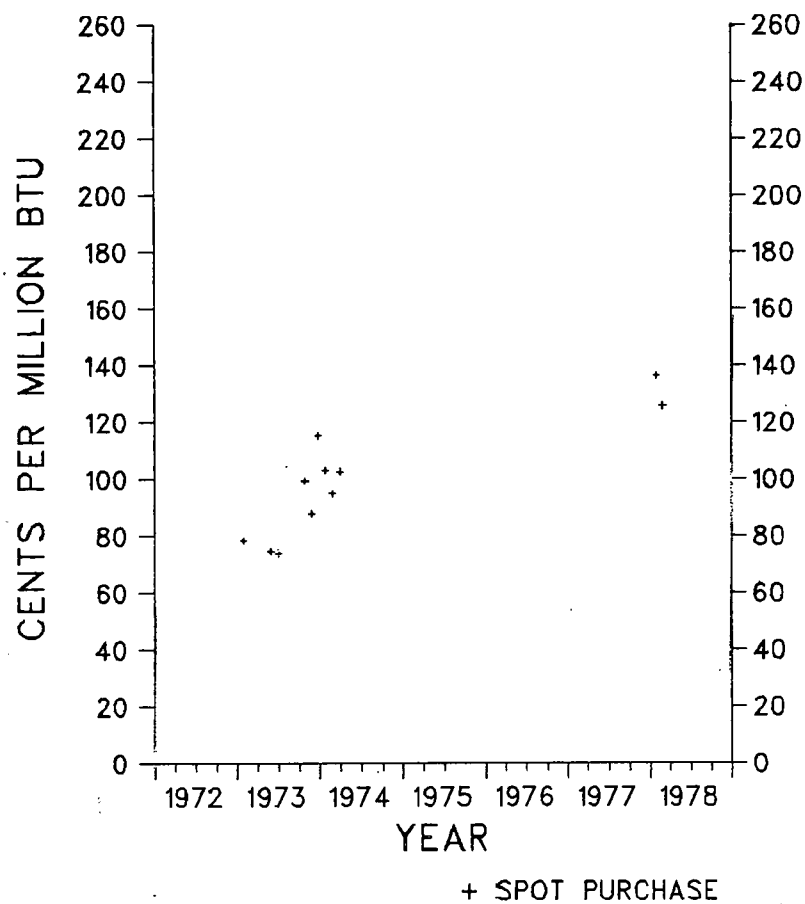


Figure 3.42.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES WEST VIRGINIA

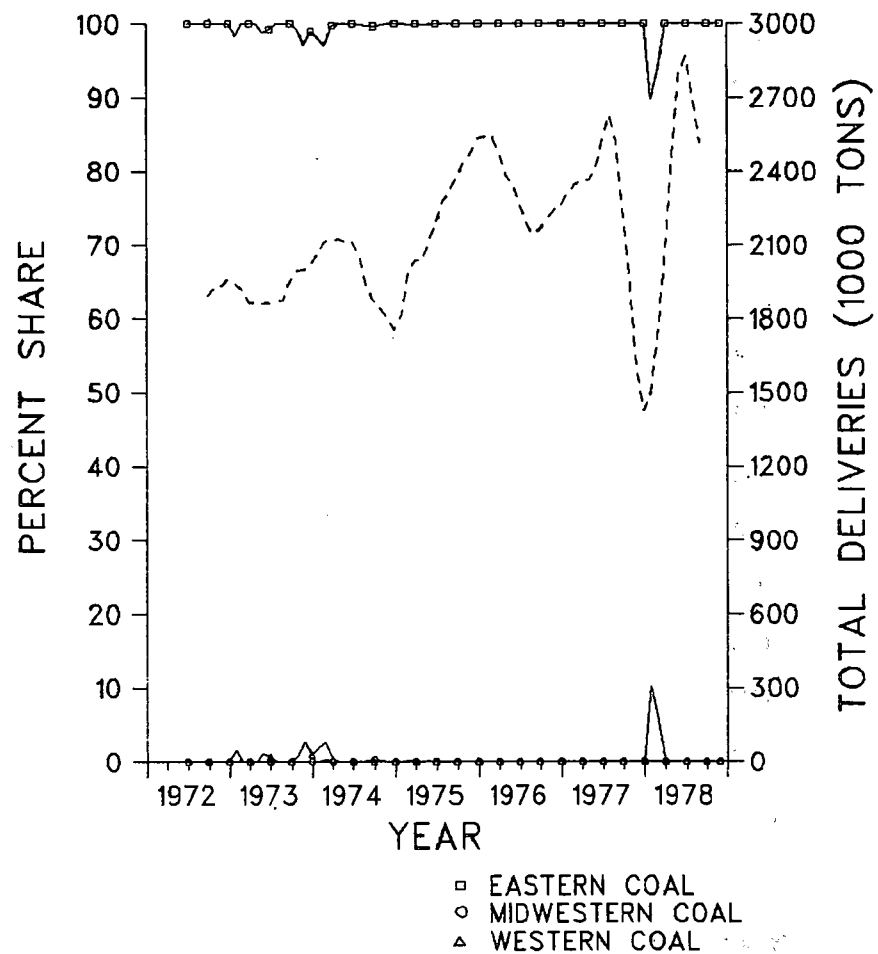


Figure 3.42.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WISCONSIN
TYPE I PURCHASE

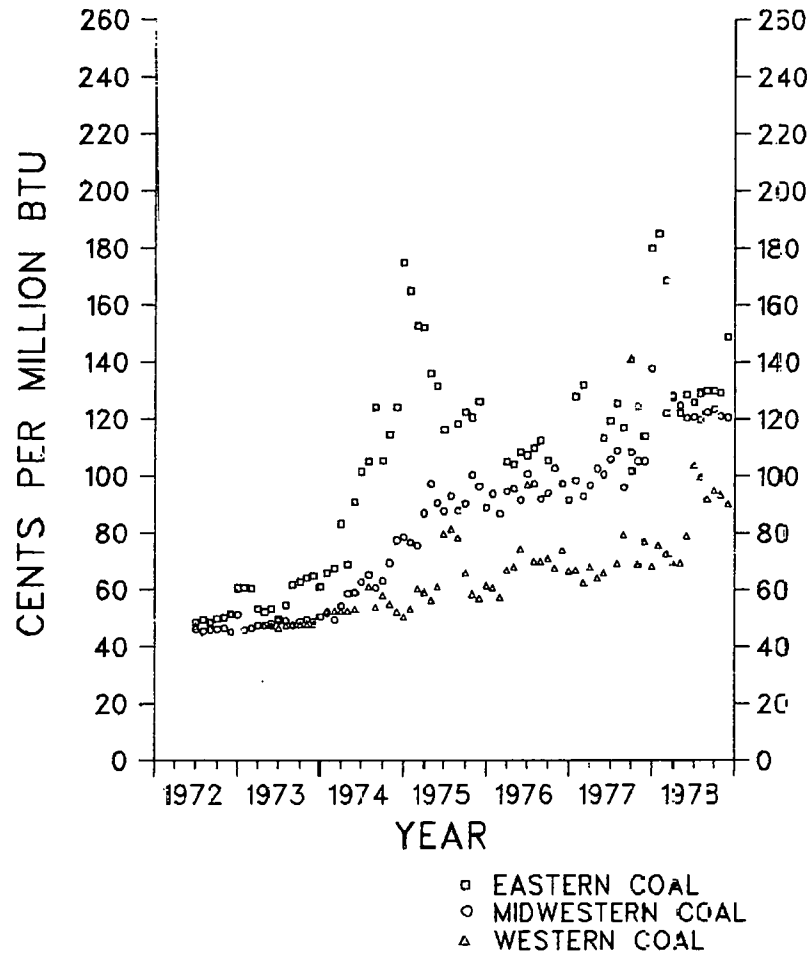


Figure 3.43.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WISCONSIN
TYPE II PURCHASE

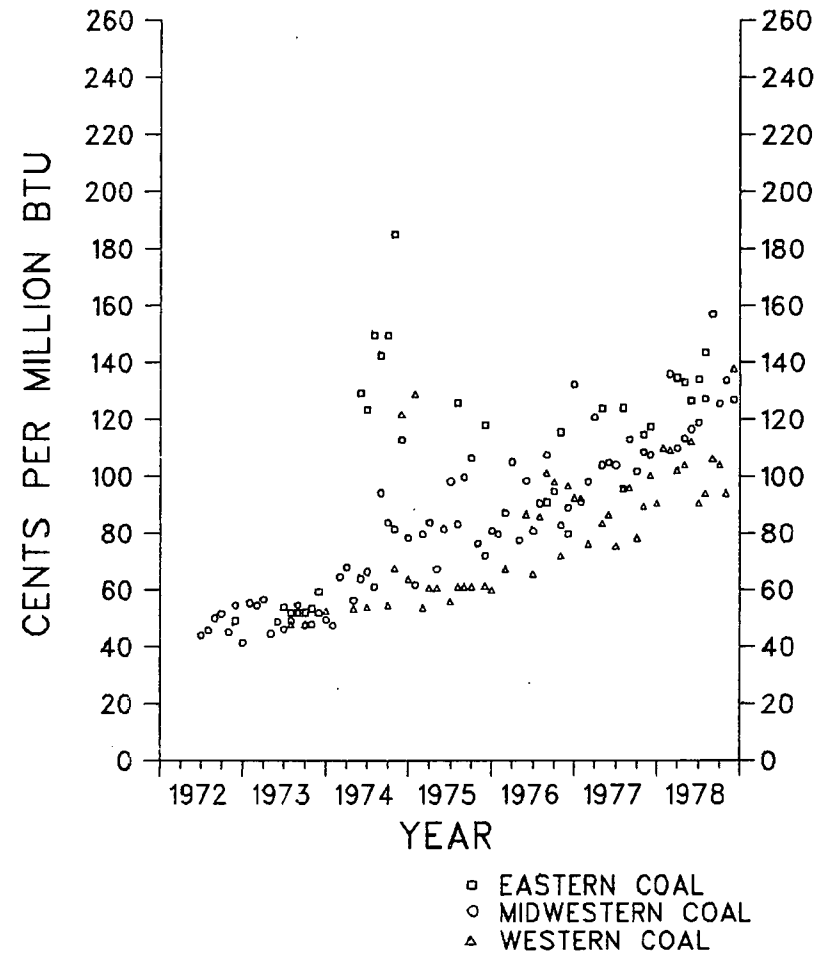


Figure 3.43.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WISCONSIN
NEW CONTRACT

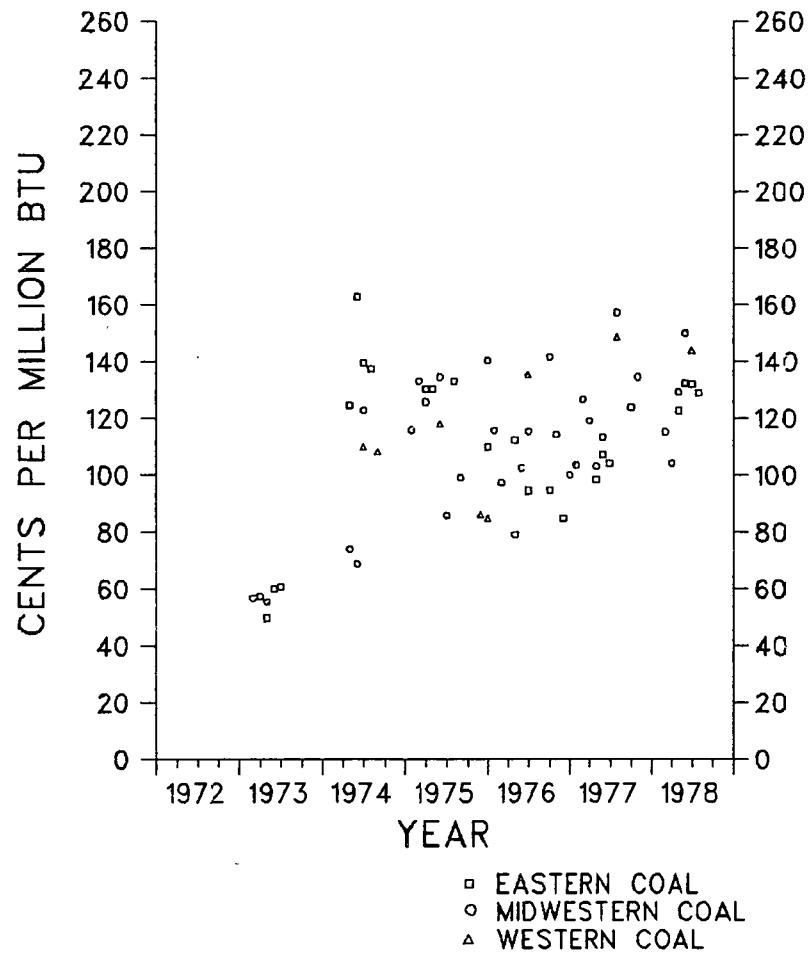


Figure 3.43.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WISCONSIN
SPOT PURCHASE

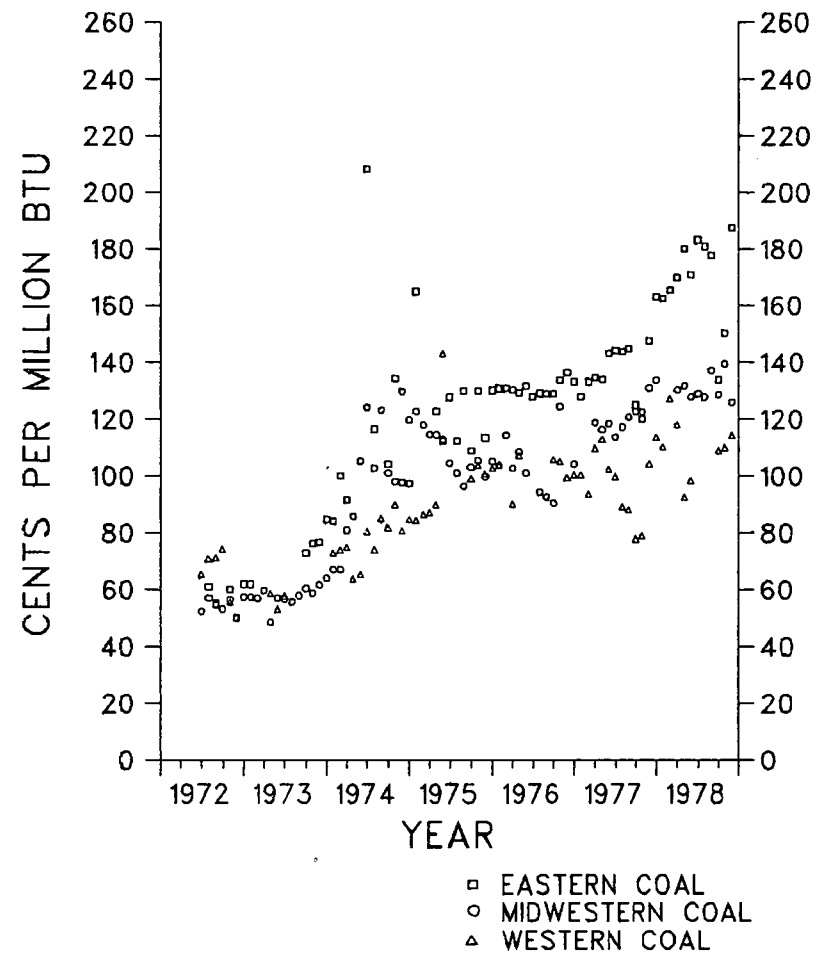


Figure 3.43.4

PRICES OF EASTERN COAL BY TYPE OF PURCHASE IN WISCONSIN

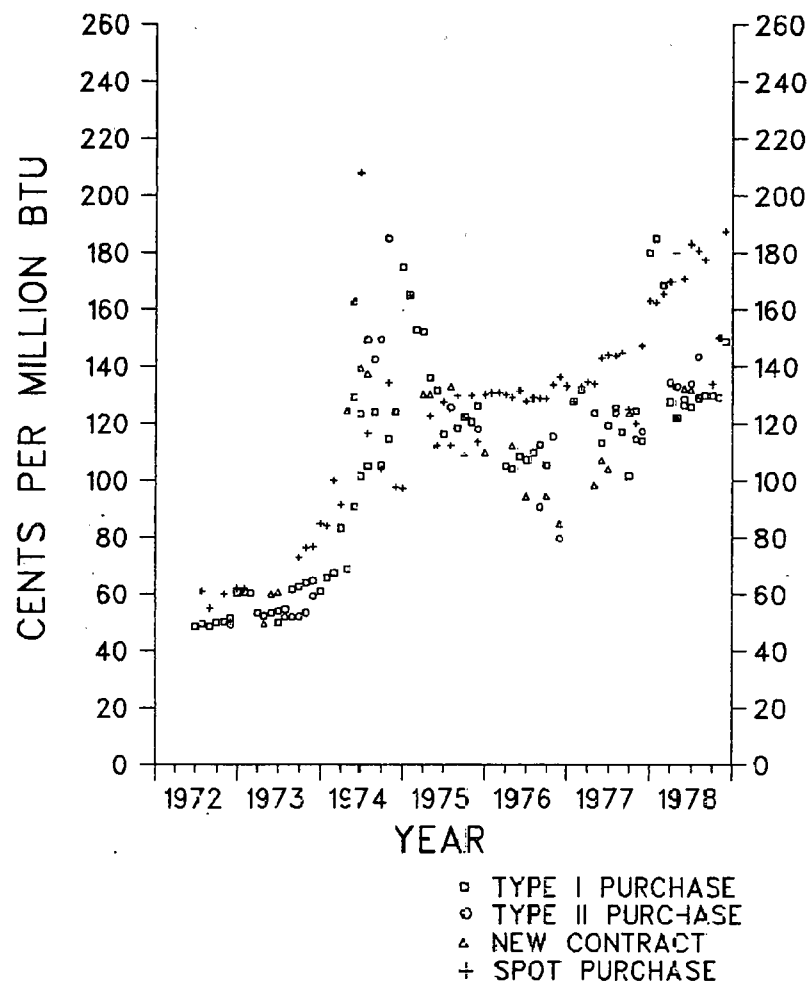


Figure 3.43.5

PRICES OF MIDWESTERN COAL BY TYPE OF PURCHASE IN WISCONSIN

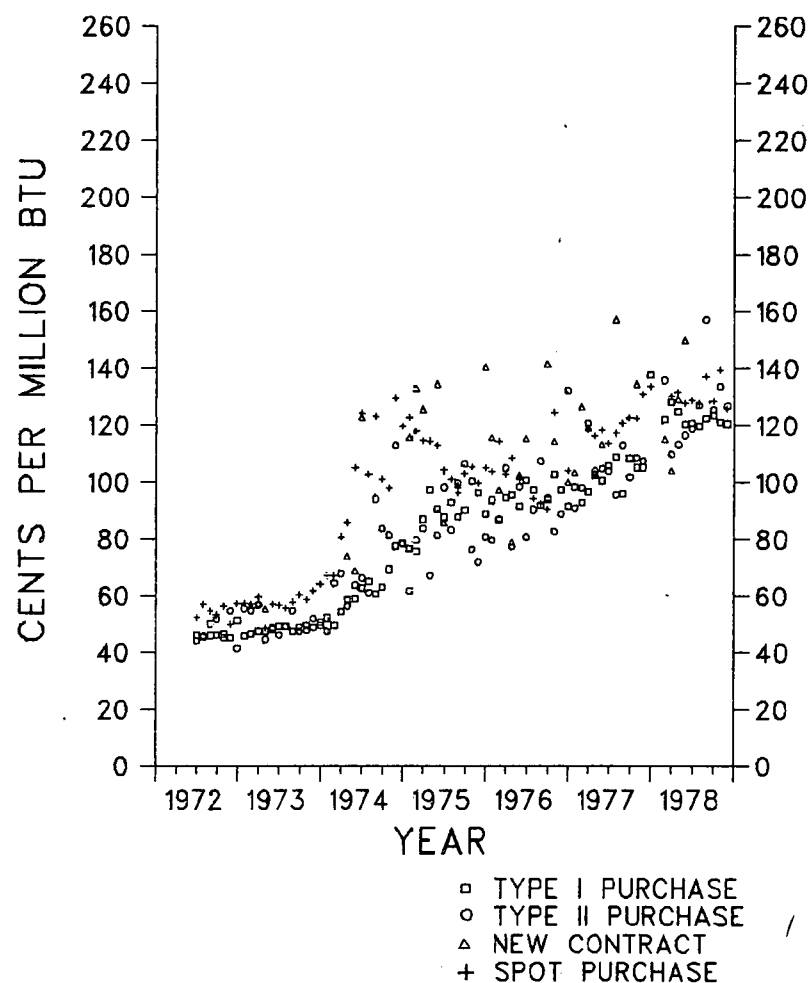


Figure 3.43.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN WISCONSIN

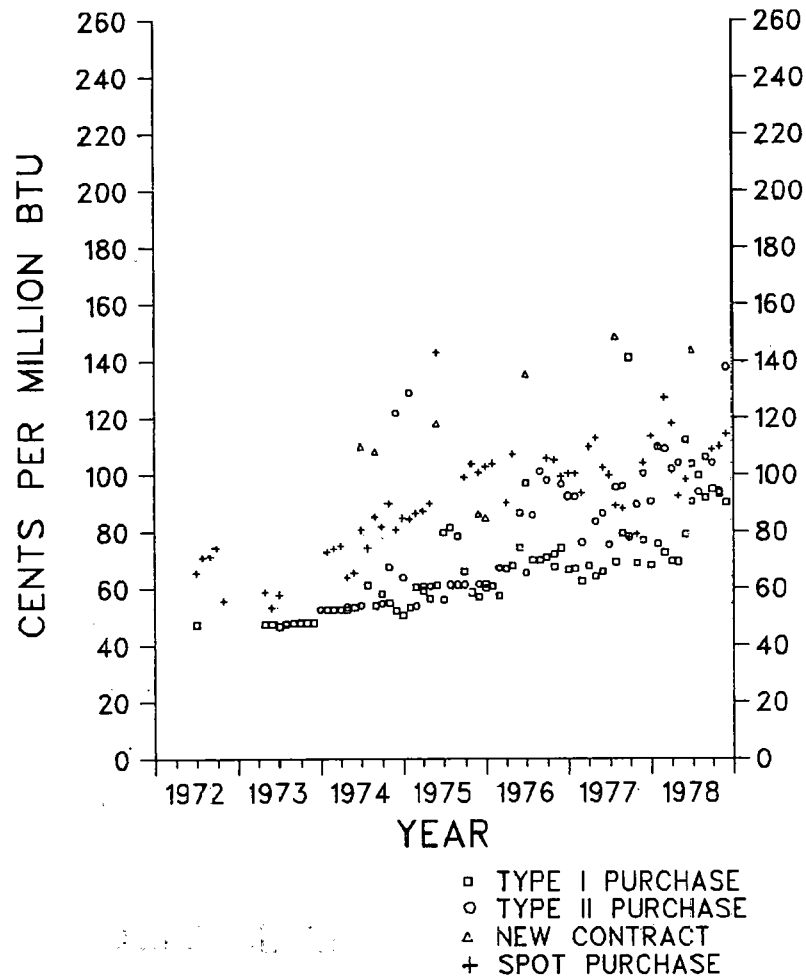


Figure 3.43.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES WISCONSIN

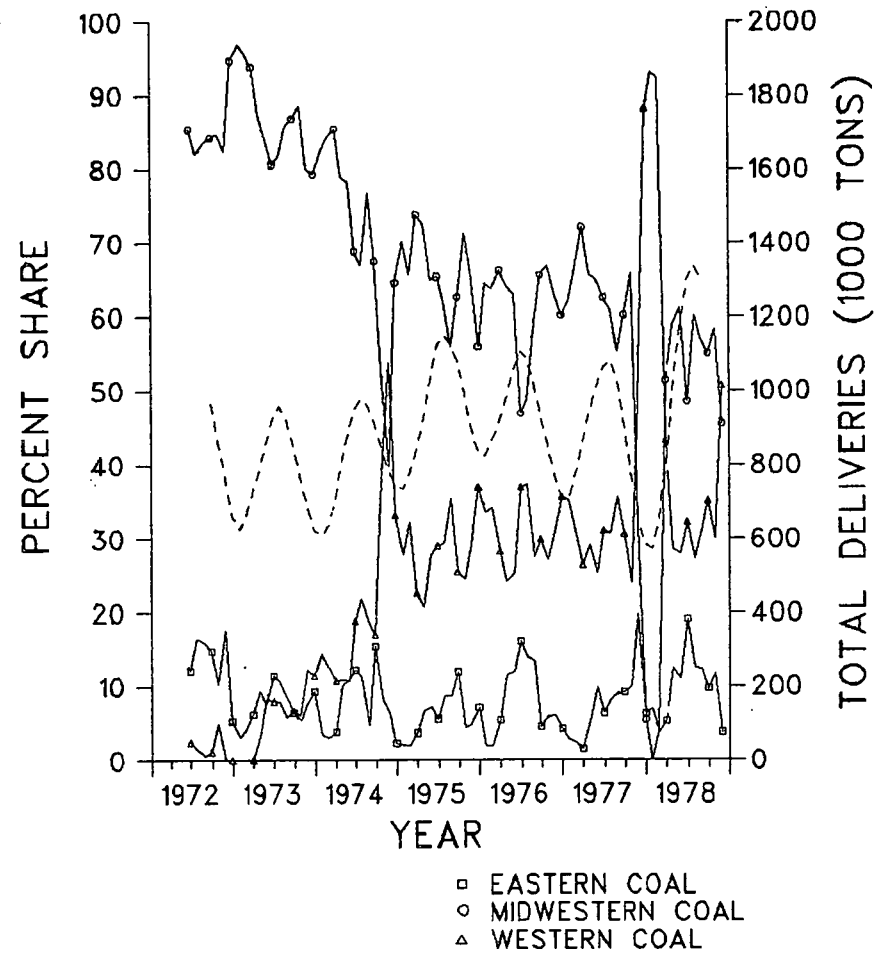


Figure 3.43.8

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WYCMING
TYPE I PURCHASE

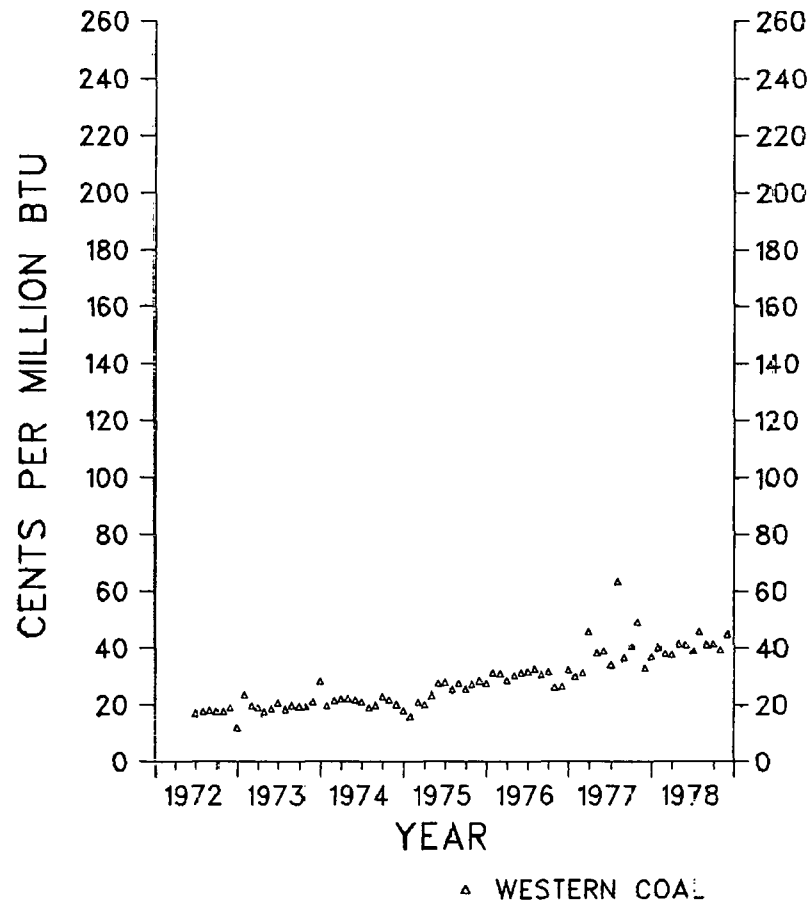


Figure 3.44.1

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WYOMING
TYPE II PURCHASE

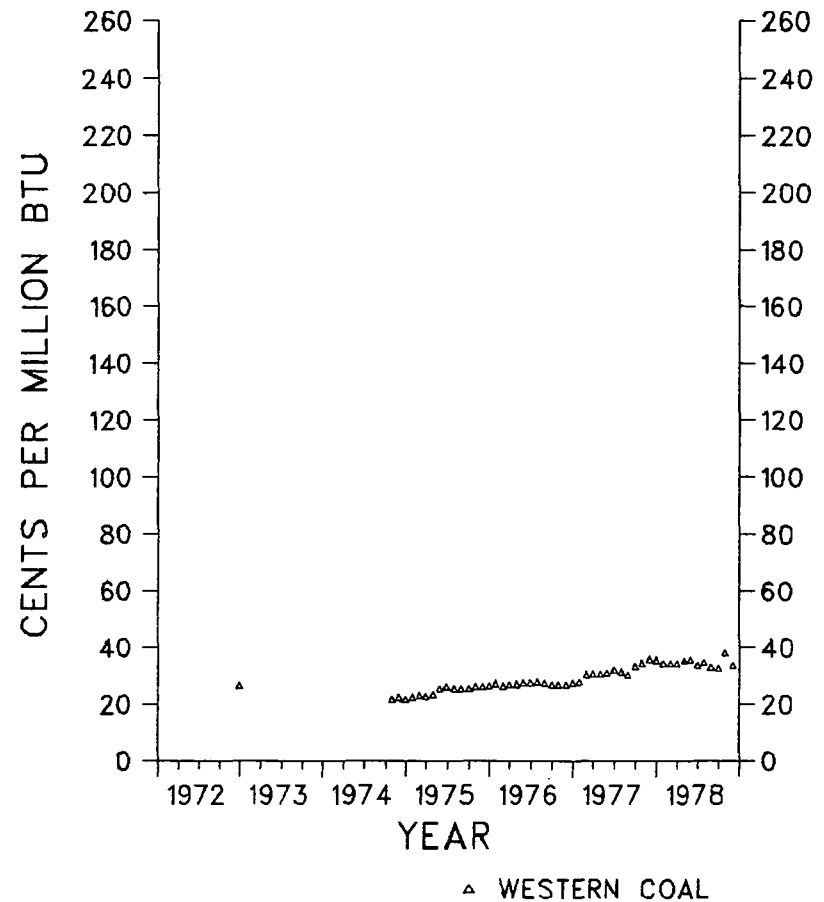


Figure 3.44.2

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WYOMING
NEW CONTRACT

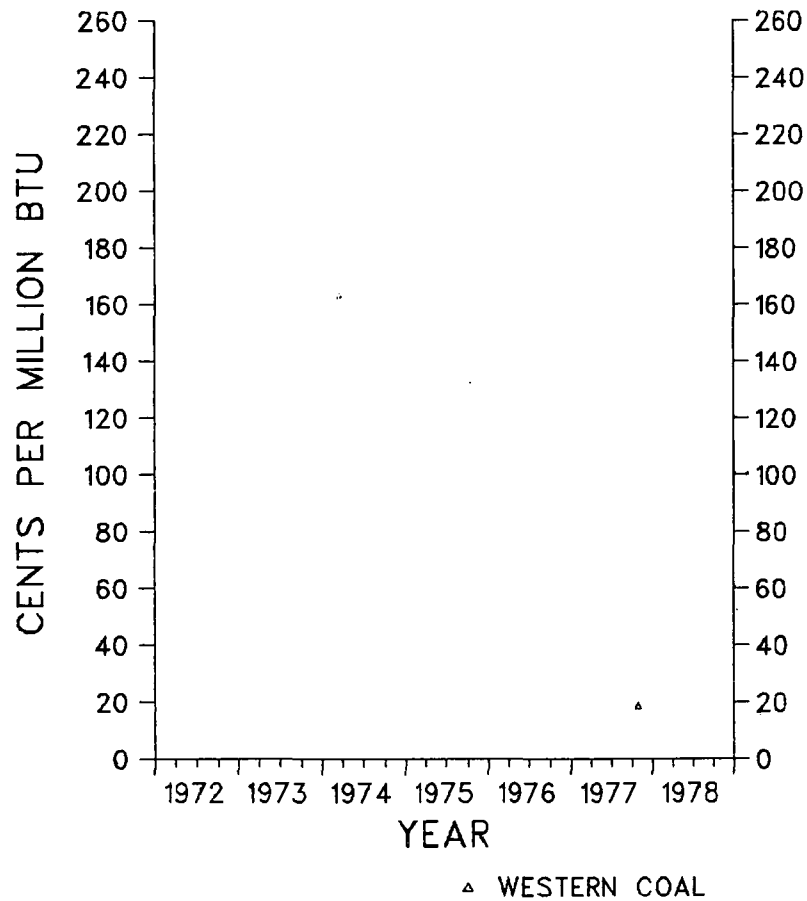


Figure 3.44.3

PRICES OF EASTERN, MIDWESTERN,
AND WESTERN COALS IN WYOMING
SPOT PURCHASE

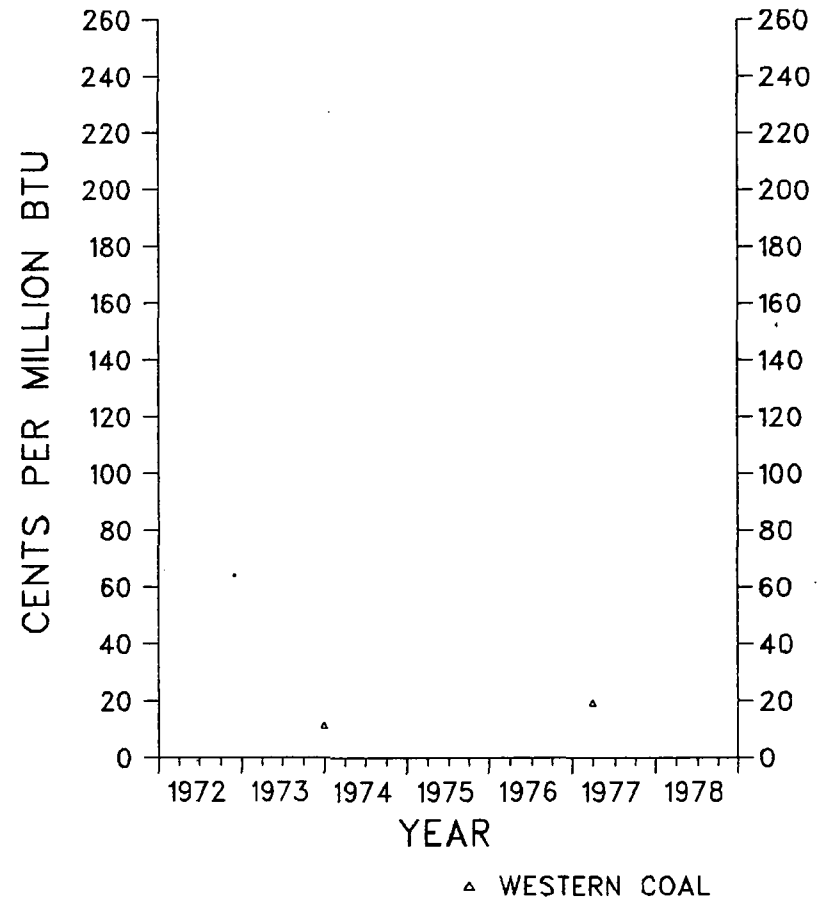


Figure 3.44.4

PRICES OF EASTERN COAL BY
TYPE OF PURCHASE IN WYOMING

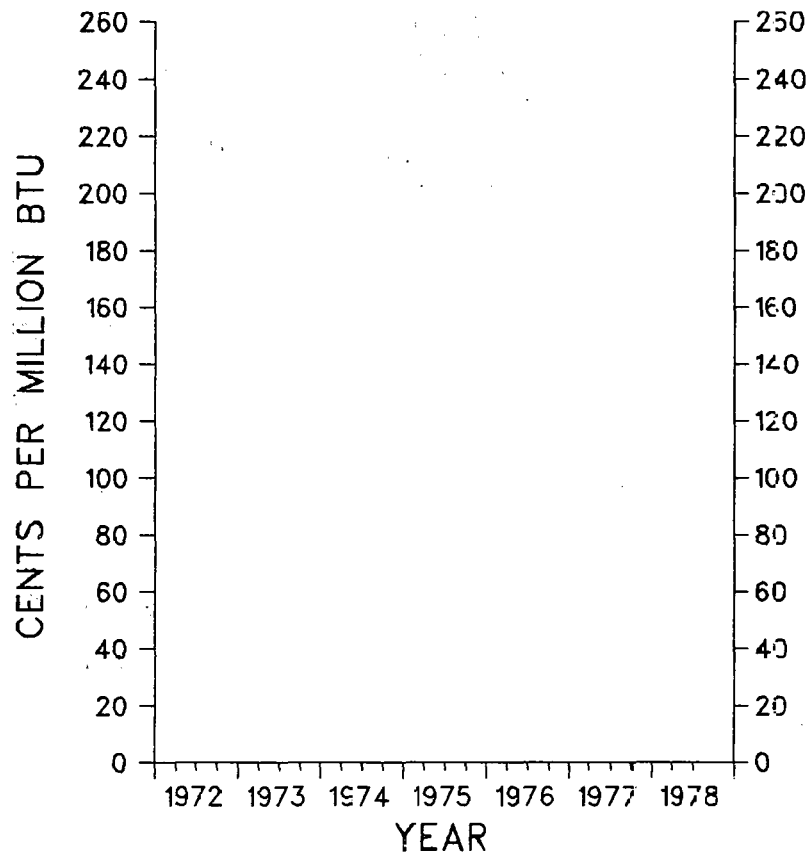


Figure 3.44.5

PRICES OF MIDWESTERN COAL BY
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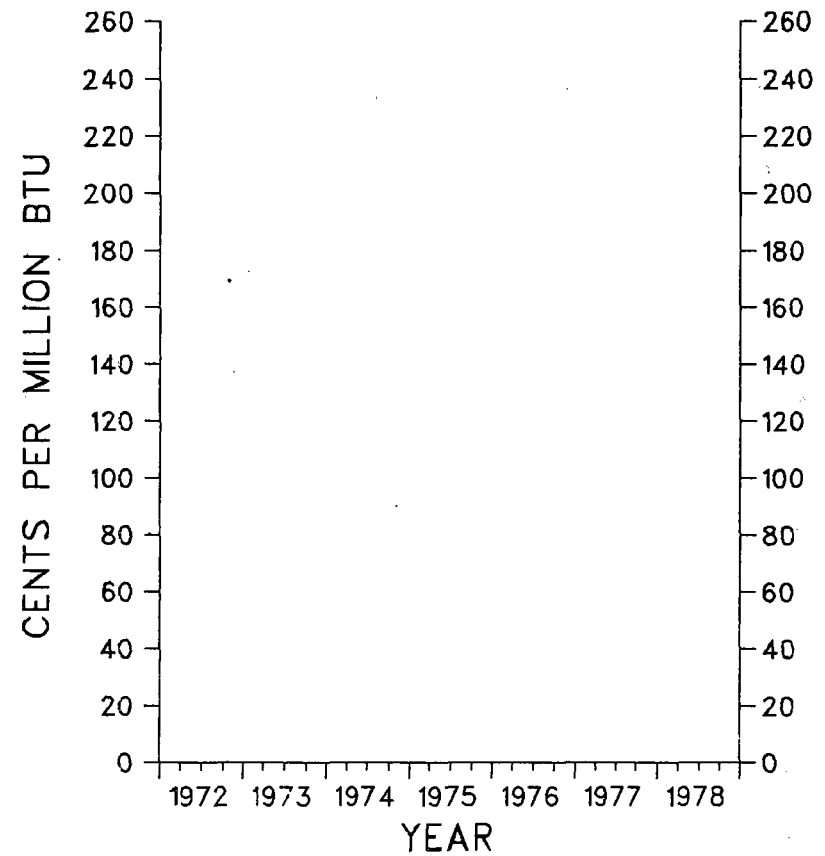


Figure 3.44.6

PRICES OF WESTERN COAL BY TYPE OF PURCHASE IN WYOMING

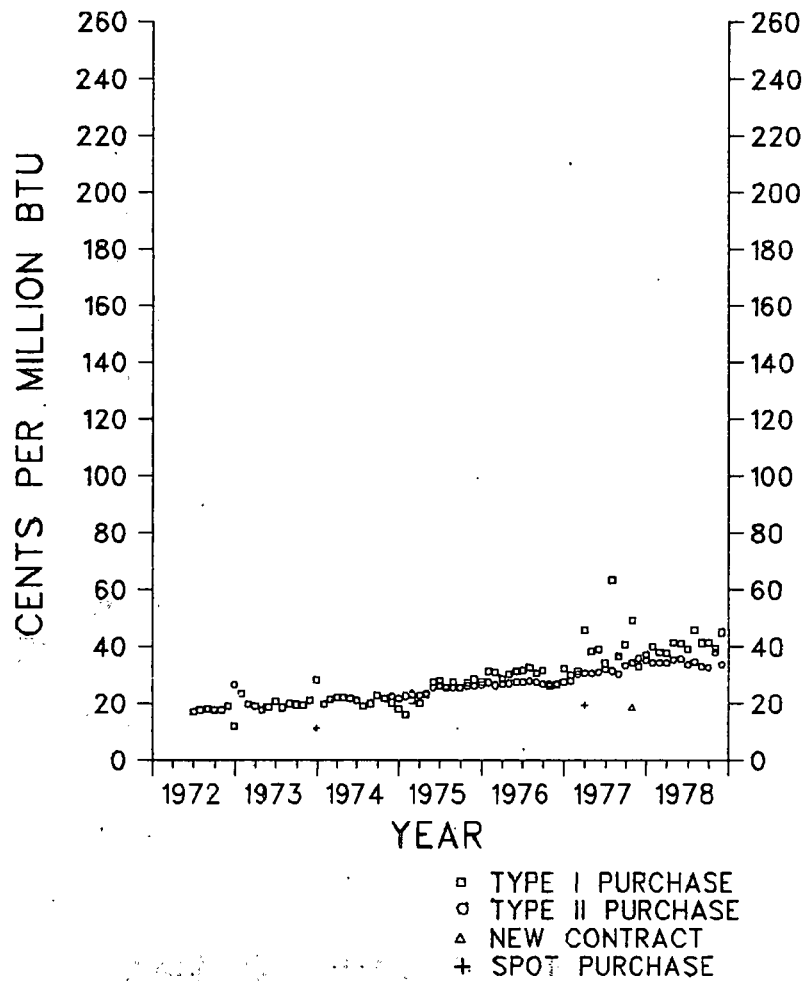


Figure 3.44.7

MARKET SHARES OF COAL PRODUCING REGIONS AND TOTAL DELIVERIES WYOMING

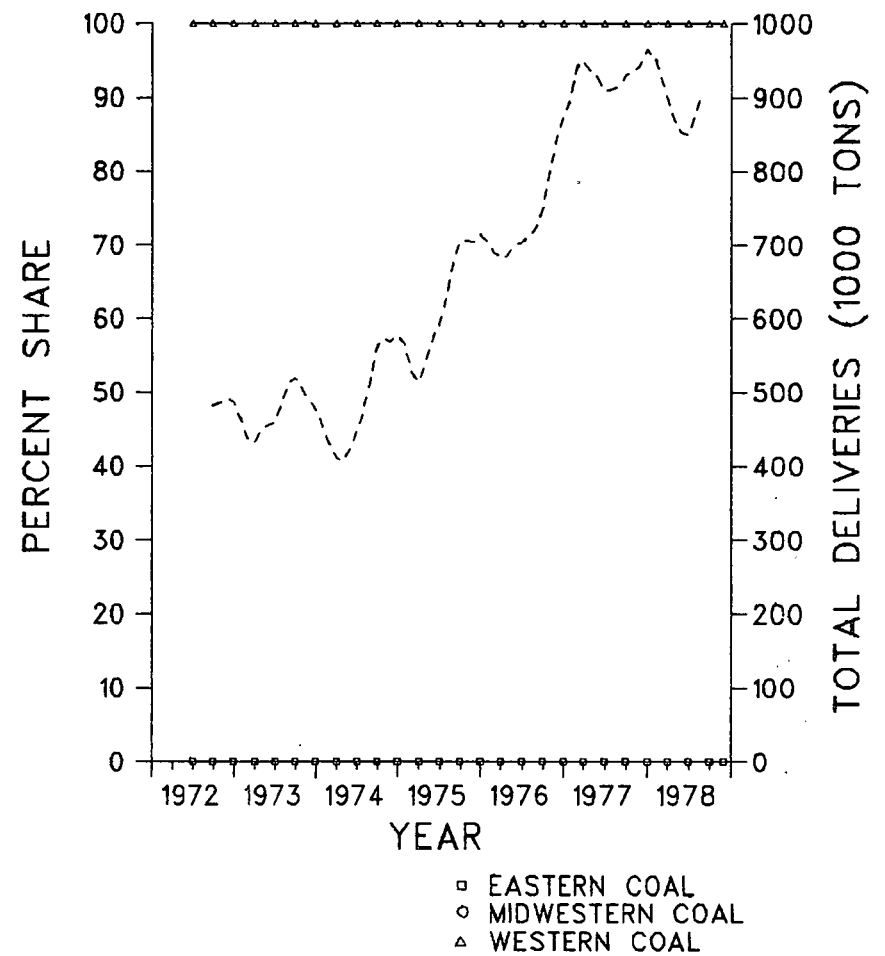


Figure 3.44.8

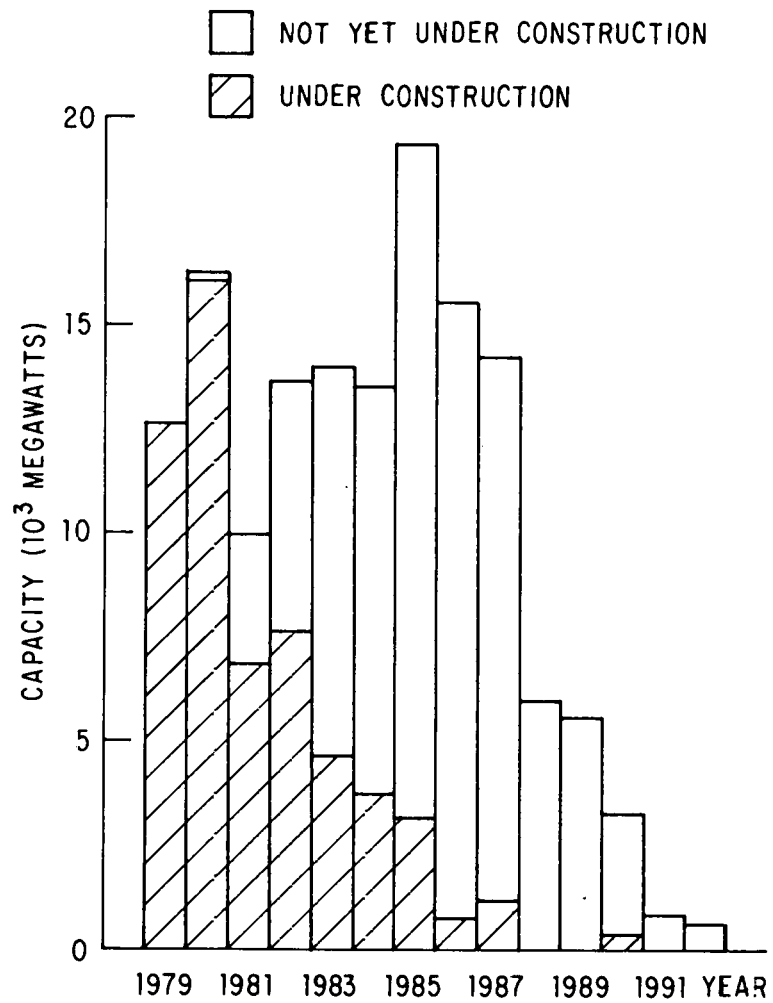


Figure 4.1. Electric Utility Coal-Fired Capacity Additions, 1978-1988

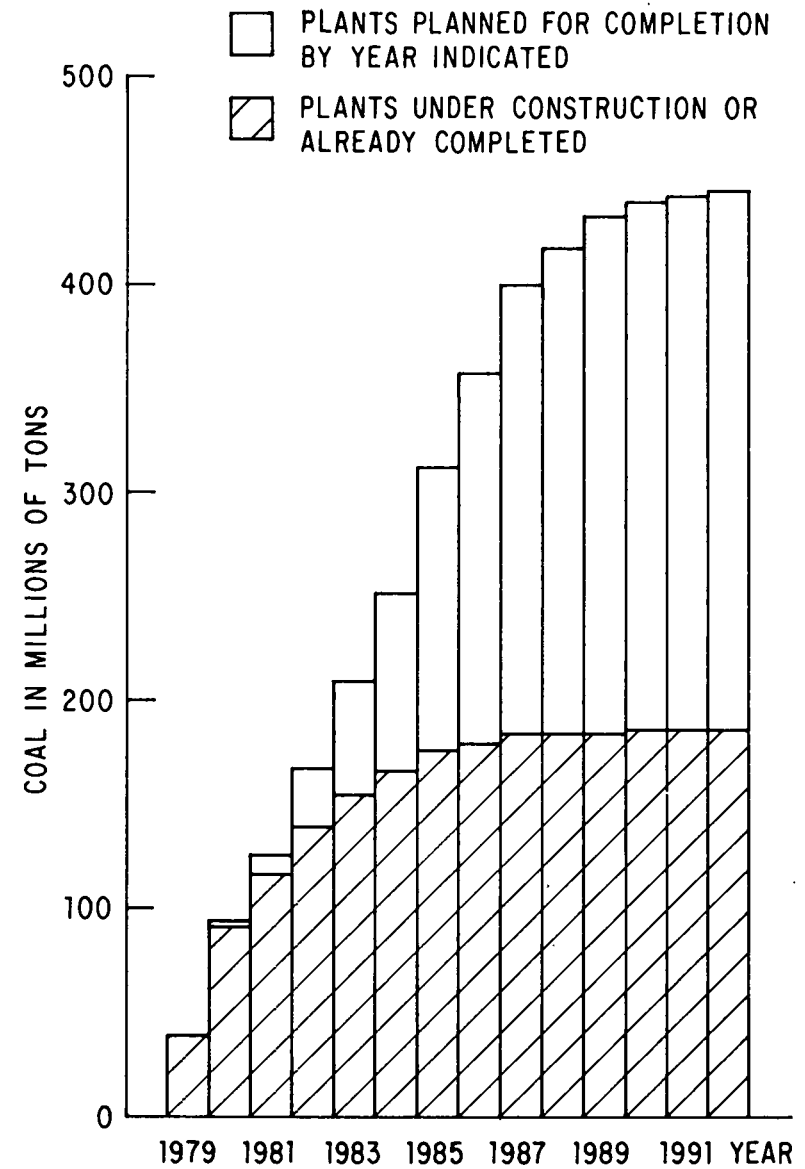


Figure 4.2. Cumulative Coal Requirements for New Power Plants, 1978-1988

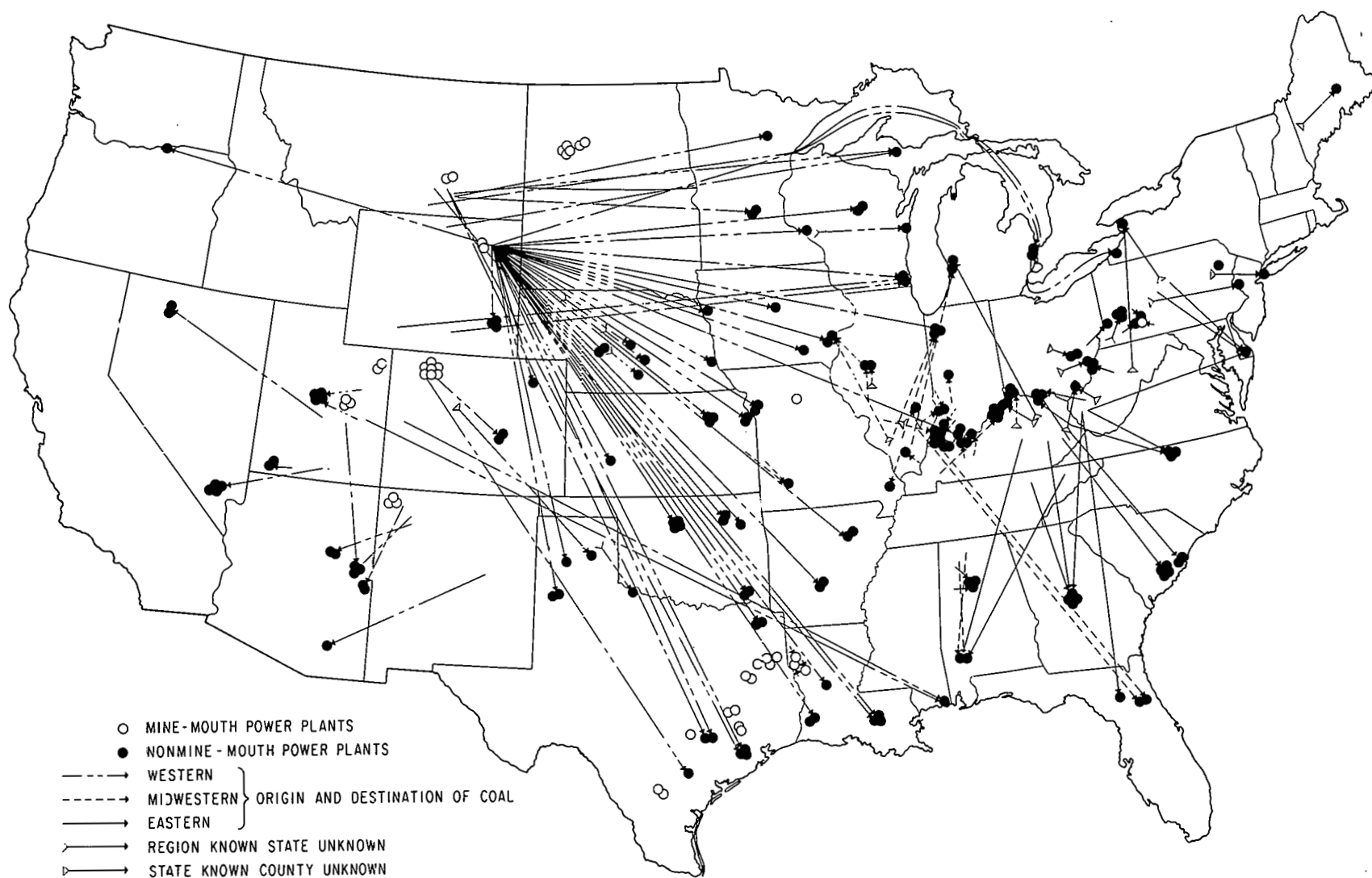


Figure 4.3. Origins and Destinations of Coal for New Power Plants, 1988

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Table 3.1. Consumption of Coal by Electric Utilities, 1960-1978

Year	Consumption of Coal by Electric Utilities U.S. Total ^a 10 ³ tons (A)	Annual Growth Rate % (B)	Eastern Coal Delivered to Utilities ^a 10 ³ tons (C)	Annual Growth Rate % (D)	Market Share of Eastern Coal (C/A) % (E)	Midwestern Coal Delivered to Utilities ^a 10 ³ tons (F)	Annual Growth Rate % (G)	Market Share of Midwestern Coal (F/A) % (H)	Western Coal Delivered to Utilities ^a 10 ³ tons (I)	Annual Growth Rate % (J)	Market Share of Western Coal (I/A) % (K)
1960	174,287		101,270		58.08	68,303		39.19	4,764		2.73
1965	249,272	7.42	142,756	7.12	57.27	95,849	7.01	38.45	10,667	17.49	4.28
1970	339,351	6.36	181,796	4.95	53.27	133,624	6.87	39.38	23,291	17.53	7.05
1971	341,594	0.69	182,859	0.58	53.52	126,007	-5.71	36.88	32,828	37.24	9.61
1972	380,262	11.29	193,895	6.03	50.99	143,979	14.26	37.86	42,388	29.12	11.15
1973	374,966	-1.39	179,395	-7.48	47.84	146,781	1.95	39.15	48,790	15.10	13.01
1974	383,813	2.36	184,321	2.75	48.02	137,794	-6.12	35.90	61,698	26.46	16.08
1975	430,894	12.27	196,417	6.56	45.58	157,618	14.39	36.58	76,859	24.57	17.84
1976	453,712	5.30	202,423	3.06	44.61	157,904	0.18	34.80	93,385	21.50	20.58
1977	489,046	7.79	216,670	7.04	44.30	156,472	-0.91	32.00	115,904	24.11	23.70
1978	473,441	-3.19	201,186	-7.15	42.49	141,111	-9.82	29.81	131,144	13.15	27.70

^aFor the years 1960-1972, inclusive, the data were taken from Bituminous Coal Data (1973 Edition), National Coal Association, Washington, D.C., 1974 (p. 85).
For the years 1973-1978, inclusive, the data were calculated directly from the FERC data base.

Table 3.2. Utility Coal Consumption by Consuming State, 1972-1978 (10⁶ tons)

STATE	1972	1973	1974	1975	1976	1977	1978	% CHANGE (73-78)
Alabama	9.523	18.143	16.367	19.359	18.092	18.259	17.641	-2.77
Arizona	0.174	0.452	3.026	4.148	6.763	8.155	7.760	1618.02
Arkansas	0.0	0.0	0.0	0.0	0.0	0.0	1.471	0.0
Colorado	1.805	4.123	5.696	6.391	7.089	8.315	8.552	107.44
Connecticut	0.0	0.053	0.172	0.0	0.0	0.0	0.0	-100.00
Delaware	0.571	0.963	0.826	0.973	0.772	0.713	0.814	-15.47
Wash. D.C.	0.072	0.250	0.282	0.093	0.0	0.0	0.0	-100.00
Florida	3.071	6.184	6.321	5.758	6.940	7.032	7.309	18.19
Georgia	5.785	10.299	9.881	14.955	14.602	18.092	17.017	65.23
Illinois	14.998	31.577	30.216	34.046	34.852	31.950	33.115	4.87
Indiana	12.995	27.761	27.250	30.966	30.478	33.132	30.533	9.99
Iowa	2.581	5.165	5.152	5.510	6.707	7.675	8.770	69.79
Kansas	0.203	1.438	2.710	3.230	3.443	6.332	8.137	465.82
Kentucky	11.954	22.188	22.997	25.479	25.392	25.863	24.144	8.81
Maryland	1.969	3.767	4.214	3.687	4.569	5.156	4.474	18.76
Massachusetts	0.033	0.019	2.528	0.493	0.0	0.0	0.0	-100.00
Michigan	11.300	20.186	20.587	21.388	21.307	21.346	20.187	0.00
Minnesota	3.927	6.891	7.857	8.895	10.649	12.103	11.721	70.09
Mississippi	0.376	1.069	1.535	1.561	1.577	1.331	1.747	63.45
Missouri	6.445	15.367	15.709	17.860	20.776	21.576	20.706	34.74
Montana	0.367	0.882	0.822	1.197	2.316	3.223	3.331	277.86
Nebraska	0.593	1.374	1.409	1.509	1.852	2.315	2.728	98.55
Nevada	1.754	3.857	4.215	4.476	4.994	5.396	3.695	-4.21
N. Hampshire	0.548	1.044	0.930	0.977	0.753	0.960	0.760	-27.18
New Jersey	0.641	2.475	2.891	2.332	2.533	2.697	2.005	-18.98
New Mexico	3.724	7.469	7.912	7.185	8.020	9.122	8.289	10.97
New York	2.590	5.465	6.592	5.972	5.738	6.462	5.955	8.97
N. Carolina	9.891	17.934	20.892	19.737	19.584	21.848	19.279	7.50

Table 3.2. (Contd.)

STATE	1972	1973	1974	1975	1976	1977	1978	% CHANGE (73-78)
North Dakota	2.371	4.456	5.054	4.777	6.885	6.508	8.474	90.16
Ohio	19.358	41.166	43.607	46.854	50.108	53.050	46.530	13.03
Oklahoma	0.0	0.005	0.0	0.0	0.599	1.920	2.065	38055.79
Pennsylvania	17.197	36.785	35.802	36.883	37.606	38.243	33.925	-7.78
Rhode Island	0.0	0.0	0.101	0.0	0.0	0.0	0.0	0.0
S. Carolina	2.663	5.593	4.817	4.479	5.494	7.294	6.662	19.11
South Dakota	0.067	0.166	0.213	1.822	2.679	2.466	3.091	1759.09
Tennessee	9.963	19.685	16.402	24.491	21.030	20.426	21.220	7.80
Texas	1.012	4.732	5.137	9.146	12.771	19.093	24.405	415.74
Utah	0.276	1.060	1.005	1.955	1.869	2.419	2.754	159.81
Vermont	0.023	0.037	0.039	0.008	0.0	0.020	0.0	-100.00
Virginia	2.285	4.941	4.619	4.022	5.309	5.517	4.046	-18.10
Washington	0.0	3.406	4.100	4.200	3.600	4.550	4.800	40.94
W. Virginia	10.995	22.821	24.004	26.287	28.118	28.505	26.004	13.95
Wisconsin	6.248	9.619	9.622	11.648	11.161	10.817	11.979	24.53
Wyoming	2.874	5.670	5.792	7.235	8.459	11.281	11.022	94.41

Table 3.3. Utility Coal Production by Producing State, 1972-1978 (10⁶ tons)

STATE	1972	1973	1974	1975	1976	1977	1978	% CHANGE (73-78)
Alabama	6.143	11.818	10.870	13.384	13.938	13.999	13.498	14.22
Arizona	1.480	2.886	6.206	7.218	10.257	11.322	9.046	213.43
Arkansas	0.024	0.037	0.001	0.010	0.0	0.000	0.013	-65.78
Colorado	1.579	3.462	3.582	4.437	5.661	7.530	9.403	171.58
Georgia	0.030	0.015	0.0	0.0	0.0	0.005	0.028	89.47
Illinois	24.595	48.901	46.347	49.257	49.138	45.567	40.982	-16.19
Indiana	10.741	22.478	21.704	22.939	23.816	24.264	22.290	-0.84
Iowa	0.350	0.515	0.571	0.601	0.601	0.486	0.435	-15.53
Kansas	0.471	2.045	1.586	2.060	2.317	2.744	2.267	10.84
Kentucky	42.446	86.804	90.027	101.330	102.103	109.617	98.575	13.56
Maryland	0.284	1.042	1.004	1.372	2.412	2.204	2.492	139.19
Minnesota	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Missouri	2.197	3.605	3.445	3.951	4.056	3.945	3.682	2.16
Montana	4.722	10.623	13.936	21.377	24.958	25.953	26.307	147.64
New Mexico	3.898	8.265	8.400	7.764	8.465	9.828	10.520	27.29
N. Carolina	0.0	0.0	0.0	0.0	0.0	0.0	0.002	0.0
North Dakota	2.781	5.312	5.799	6.900	10.031	9.513	12.172	129.13
Ohio	19.580	37.223	36.223	39.603	40.131	41.651	34.559	-7.16
Oklahoma	0.858	1.514	1.675	1.814	2.503	2.993	3.413	125.49
Pennsylvania	19.218	40.866	43.060	43.286	42.049	45.535	43.053	5.35
Tennessee	3.736	5.997	6.149	7.484	7.224	8.086	8.433	40.63
Texas	1.012	4.732	5.137	9.146	11.867	14.153	18.163	283.83
Utah	0.550	1.720	1.797	3.370	4.632	5.017	5.432	215.83
Virginia	6.499	11.259	12.771	13.865	13.640	13.742	12.138	7.81
Washington	0.0	3.400	4.100	4.200	3.600	4.550	4.800	41.18
W. Virginia	23.801	47.297	41.530	43.916	44.535	44.162	38.298	-19.03
Wyoming	7.085	14.581	18.357	22.245	27.050	43.162	53.425	266.40

TABLE 3.4

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN		SULPHUR CONTENT % MAX MIN		ASH CONTENT % MAX MIN		PRICE \$/MBTU	
ALABAMA														
ALABAMA ELEC COOP INC MCWILLIAMS	ANDALUSIA	40.00	1972	ALA	BIT	2.83	11724	11724	0.90	0.90	14.60	14.60	38.400	
			1973	ALA	BIT	9.08	12048	10461	1.10	0.90	16.40	5.50	42.007	
			1974	ALA	BIT	11.11	12193	11477	1.50	1.40	14.00	10.60	146.720	
			1976	ALA	BIT	47.40	13014	11057	2.00	0.92	18.70	9.00	105.055	
			1977	ALA	BIT	24.09	12720	10767	1.34	0.86	22.90	11.10	121.947	
			1977	KY	BIT	16.03	12981	11837	1.37	1.09	30.60	8.50	128.124	
			1977	TENN	BIT	3.77	11805	11805	1.75	1.75	14.80	14.80	117.700	
			1978	KY	BIT	9.04	12654	12131	3.19	0.88	11.50	9.40	152.963	
			1972	ALA	BIT	89.01	12272	11222	1.10	0.90	19.80	13.80	29.061	
	TOMBIGBEE	LEROY	310.00	1972	GA	BIT	29.76	11795	11795	1.10	1.10	16.00	16.00	29.900
				1973	ALA	BIT	135.60	12082	11331	1.30	0.90	17.30	5.50	37.972
				1974	ALA	BIT	67.88	12897	11281	1.50	1.10	16.60	8.30	95.722
				1976	ALA	BIT	92.12	12242	10589	2.60	0.90	22.00	11.70	98.046
				1976	KY	BIT	8.09	12533	11693	1.41	1.10	10.40	9.48	104.172
				1977	ALA	BIT	129.36	13011	10756	2.34	0.92	20.80	11.30	113.733
				1977	KY	BIT	56.11	12364	11422	1.82	1.27	13.60	9.40	122.286
				1978	ALA	BIT	211.10	11636	10459	2.43	0.81	21.90	9.10	150.514
				1978	KY	BIT	167.14	12085	11001	1.50	1.07	16.50	11.90	162.836
				ALABAMA POWER CO (SC) BARRY	BUCKS	1770.80	1972	--	PC	31.15	14198	14181	3.90	3.70
1972	ALA	BIT	308.55				12593	11561	3.00	1.20	17.60	9.80	39.427	
1972	ILL	BIT	1034.06				12194	11292	3.70	2.70	14.20	8.80	42.864	
1973	--	PC	171.37				14383	14103	4.10	3.80	1.00	0.20	18.579	
1973	ALA	BIT	1294.44				12735	10978	3.30	0.70	17.30	9.30	44.641	
1973	ILL	BIT	646.52				12224	11274	3.90	2.80	10.40	8.30	50.590	
1973	KY	BIT	26.36				11230	10716	4.90	3.80	12.90	10.80	57.449	
1974	--	PC	42.76				14301	14096	3.90	3.70	0.60	0.30	18.515	
1974	ALA	BIT	1216.11				13026	9881	3.90	0.50	26.20	8.20	66.604	
1974	IMPT	BIT	71.28				11442	11428	1.00	0.70	14.40	13.70	142.937	
1974	ILL	BIT	551.14				11902	10307	4.10	3.00	19.60	8.70	66.780	
1974	IND	BIT	36.78				11541	10153	3.60	2.00	14.60	8.30	147.018	
1974	KY	BIT	75.07				11915	10564	5.30	2.00	15.00	8.00	158.924	
1974	OHIO	BIT	40.75				10579	10567	2.60	2.50	18.80	18.70	205.416	
1974	TENN	BIT	50.05				12936	11741	1.80	1.20	13.20	8.30	216.752	
1975	ALA	BIT	1517.42				13199	9822	3.00	0.40	19.40	4.80	103.714	
1975	IMPT	BIT	36.69				11074	11074	0.60	0.60	15.30	15.30	151.800	
1975	ILL	BIT	295.89				12005	11624	3.30	2.90	10.50	9.70	87.629	
1975	KY	BIT	54.57				11367	10817	4.10	3.20	11.90	11.10	158.791	
1976	ALA	BIT	767.31				12950	10078	1.36	0.45	22.40	7.80	102.765	
1977	ALA	BIT	642.58				13470	10563	1.37	0.60	17.90	3.50	139.059	
1977	KY	BIT	154.88				11635	10155	1.40	0.55	20.20	10.60	134.946	
1977	TENN	BIT	26.11				11546	11349	1.42	1.13	12.30	9.50	161.008	
1978	ALA	BIT	134.46				12357	10913	1.34	0.69	17.10	10.10	129.320	
1978	IMPT	BIT	804.98				11898	11436	0.64	0.35	13.70	11.50	155.941	
1978	KY	BIT	30.58				12189	10735	2.04	0.74	13.70	10.70	155.464	
1978	TENN	BIT	30.43				10926	10797	1.56	1.46	13.60	12.60	152.683	
CHICKASAW	CHICKASAW	138.00	1972	ALA	BIT	204.87	12713	11658	2.90	0.90	16.10	9.60	45.350	
			1973	ALA	BIT	174.80	12210	10956	2.20	0.30	16.70	11.00	51.480	

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/HBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
GASTON	WILSONVILLE	2012.80	1974	ALA	BIT	185.00	12343	10750	3.20	0.60	17.40	6.60	83.456
			1975	ALA	BIT	65.59	12385	11006	2.10	0.70	15.20	9.50	89.367
			1973	ALA	BIT	64.35	12007	11794	1.00	0.60	13.70	13.10	50.963
			1973	KY	BIT	30.73	11567	11543	2.90	2.20	16.10	15.80	59.800
			1973	TENN	BIT	38.55	12367	11213	1.50	1.10	17.20	10.20	64.838
			1974	ALA	BIT	2172.80	12621	9507	3.60	0.50	26.80	8.90	83.944
			1974	KY	BIT	602.21	11958	8774	4.40	0.90	21.90	10.10	164.990
			1974	TENN	BIT	329.27	13301	9598	4.60	0.80	29.40	7.50	159.631
			1975	ALA	BIT	3473.02	13465	9867	3.30	0.60	25.10	6.30	106.760
			1975	KY	BIT	631.99	12361	9403	5.40	0.40	21.40	10.40	146.954
			1975	TENN	BIT	117.65	12724	10002	3.80	1.00	24.10	9.40	133.599
			1976	ALA	BIT	3293.72	13444	9772	4.54	0.54	26.20	5.90	105.180
			1976	KY	BIT	290.29	11994	11320	3.01	1.74	15.30	12.30	120.449
			1977	ALA	BIT	4349.09	13277	8952	3.67	0.47	23.70	6.00	112.891
			1977	KY	BIT	295.46	12911	10080	5.76	0.68	25.60	6.80	145.965
			1977	TENN	BIT	203.23	13350	9220	3.36	0.71	26.90	6.50	130.585
			1978	ALA	BIT	3326.97	13587	9011	3.99	0.01	26.00	6.90	131.384
			1978	GA	BIT	0.31	12428	12428	1.10	1.10	13.30	13.30	58.000
			1978	IND	BIT	0.09	11210	11210	2.02	2.02	8.20	8.20	73.500
			1978	KY	BIT	183.90	13354	10796	5.61	1.04	17.30	6.60	175.955
GADSDEN	GADSDEN	138.00	1978	TENN	BIT	150.76	13623	9680	3.51	1.01	28.20	6.50	163.076
			1972	ALA	BIT	163.67	13413	9731	3.70	0.50	20.60	2.70	35.557
			1973	ALA	BIT	298.16	13651	9104	3.30	0.40	27.00	2.90	40.893
			1973	GA	BIT	1.00	12521	12521	0.50	0.50	12.80	12.80	36.200
			1974	ALA	BIT	75.93	13141	10084	2.70	0.30	20.00	7.40	101.763
			1974	KY	BIT	152.74	13075	10610	4.00	0.70	15.50	3.60	168.463
			1974	TENN	BIT	71.58	11763	9323	2.90	1.00	30.00	13.40	188.725
			1975	ALA	BIT	120.82	13615	11170	2.50	0.60	17.20	6.20	95.702
			1975	KY	BIT	48.99	12755	12497	1.10	1.00	7.50	5.90	123.817
			1975	TENN	BIT	13.94	11074	10899	1.70	1.60	15.50	15.00	153.775
			1976	ALA	BIT	230.50	13291	9948	3.86	0.51	26.40	5.60	86.001
			1977	--	PC	0.05	10469	10469	0.62	0.62	7.50	7.50	100.900
			1977	ALA	BIT	353.10	13452	10387	3.74	0.53	23.10	7.20	101.236
			1977	KY	BIT	57.70	13383	11525	1.99	0.66	12.50	4.40	127.455
			1978	ALA	BIT	190.41	13579	10054	3.32	0.66	22.30	6.50	123.799
			1978	GA	BIT	9.72	12843	12216	2.26	1.79	14.10	11.30	125.233
			1978	KY	BIT	86.16	13164	12576	2.03	1.01	9.20	5.60	178.205
GORGAS #2 & #3	GORGAS	1485.70	1972	ALA	BIT	2342.10	13170	9457	4.20	0.40	17.60	5.00	34.582
			1973	ALA	BIT	4132.30	13302	10398	5.10	0.40	21.30	5.00	40.698
			1974	ALA	BIT	4149.08	13642	9234	5.70	0.50	25.50	6.00	75.036
			1975	ALA	BIT	4471.99	13533	9064	3.70	0.40	24.60	4.00	83.769
			1976	ALA	BIT	5646.21	14111	9460	6.34	0.36	21.50	3.60	86.621
			1977	ALA	BIT	5620.82	13343	7677	4.74	0.30	43.00	5.30	103.416
			1978	ALA	BIT	4724.70	13705	10378	3.63	0.54	21.40	5.60	126.176
			1972	ALA	BIT	484.04	12459	11616	3.00	1.20	17.50	11.00	30.203
GREENE	DEBOPOLIS	568.48	1973	ALA	BIT	901.73	12658	11618	2.50	0.90	16.20	10.20	32.337
			1974	ALA	BIT	965.54	11951	10485	4.00	0.80	25.80	13.70	46.549
			1975	ALA	BIT	1173.26	12266	11191	3.20	1.00	17.70	11.70	84.490
			1975	ILL	BIT	71.30	11780	11539	3.30	1.50	15.30	10.30	90.537
			1976	ALA	BIT	557.83	12022	11384	2.87	1.03	14.60	10.20	101.848
			1977	ALA	BIT	695.33	13064	10560	2.59	1.07	18.50	8.60	120.444
JAMES MILLER	BIRMINGHAM	705.50	1978	ALA	BIT	725.33	12770	11056	2.99	1.23	17.00	10.20	137.723
			1977	ALA	BIT	271.73	12942	7413	1.47	0.67	42.10	7.60	155.642
			1978	ALA	BIT	707.67	13472	7201	1.77	0.56	35.40	4.10	163.060

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978													
STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU			
SOUTHERN ELEC GEN CO GASTON	WILSONVILLE	1000.00	1972	ALA	BIT	1304.70	13278 9322	2.80 0.70	30.70 10.60	41.077			
			1973	ALA	BIT	2594.19	13209 10290	3.40 0.50	19.60 5.10	45.812			
			1974	ALA	BIT	265.00	12364 10122	3.20 0.60	16.80 13.70	65.088			
TENNESSEE VALLEY AUTHORITY COLBERT	PRIDE	1419.75	1972	ALA	BIT	8.07	11750 11750	1.10 1.10	14.10 14.10	32.900			
			1972	KY	BIT	1525.23	11920 10557	4.60 3.00	19.70 9.70	35.275			
			1973	--	PC	23.29	14363 14000	4.60 3.90	0.80 0.20	33.152			
			1973	ALA	BIT	3.76	11750 11750	1.10 1.10	14.10 14.10	32.886			
			1973	ILL	BIT	5.17	10846 10846	2.10 2.10	15.00 15.00	43.500			
			1973	KY	BIT	3677.15	12038 10676	4.60 3.00	17.10 12.20	41.455			
			1974	--	PC	99.68	14348 13782	4.60 3.00	1.00 0.30	40.212			
			1974	KY	BIT	1838.60	12217 10622	4.60 3.00	16.20 11.30	47.266			
			1975	IND	BIT	25.37	10500 10500	4.70 4.70	14.70 14.70	108.859			
			1975	KY	BIT	2762.79	14606 10012	4.50 2.90	20.60 10.60	81.106			
			1976	KY	BIT	3030.04	11908 10699	4.30 3.00	18.50 11.00	120.900			
			1977	KY	BIT	2507.27	11857 10558	4.30 3.90	17.00 11.50	115.478			
			1977	OHIO	BIT	64.02	10800 10800	3.50 3.50	13.50 13.50	89.263			
			1978	ALA	BIT	55.48	12550 12000	2.30 0.90	13.80 12.60	123.936			
			1978	GA	BIT	4.45	12500 12500	2.50 2.50	13.30 13.30	121.535			
			1978	ILL	BIT	5.31	12000 12000	2.30 2.30	13.80 13.80	125.900			
			1978	IND	BIT	60.31	11500 11000	2.30 2.00	13.80 11.90	128.517			
			1978	KY	BIT	1834.92	12586 10819	4.30 0.70	15.70 7.90	118.335			
			1978	OHIO	BIT	51.07	12000 10466	3.50 2.40	20.00 14.10	101.472			
			1978	OKLA	BIT	18.61	12400 12000	2.10 1.90	14.30 13.10	122.348			
			1978	PENN	BIT	78.72	12000 11200	2.40 1.90	16.60 12.60	125.437			
			1978	TENN	BIT	92.71	12500 11500	2.20 1.90	16.90 12.40	122.745			
			1978	W.V.	BIT	73.59	12556 12403	2.50 1.60	13.20 12.90	140.117			
WIDOWS CREEK	BRIDGEPORT	1977.99	1972	ALA	BIT	533.64	12000 11207	1.90 0.60	19.90 13.90	34.642			
			1972	KY	BIT	1364.75	12000 10500	4.60 1.70	18.10 8.10	36.854			
			1972	TENN	BIT	97.13	12480 10553	8.60 1.00	21.10 13.10	32.053			
			1973	ALA	BIT	610.28	12470 10675	1.90 0.80	23.10 14.70	49.554			
			1973	KY	BIT	2980.78	12049 10777	4.60 1.80	19.20 8.10	39.034			
			1973	TENN	BIT	124.40	12367 10177	3.00 1.40	23.00 12.40	36.775			
			1974	ALA	BIT	713.27	11960 10796	1.40 0.50	22.60 16.30	88.415			
			1974	KY	BIT	2561.53	12217 8965	4.80 3.00	28.00 10.60	44.300			
			1974	TENN	BIT	23.41	12367 10600	3.00 0.80	19.00 9.80	122.797			
			1975	ALA	BIT	816.39	12114 9610	4.60 0.50	21.20 14.20	80.067			
			1975	KY	BIT	3361.91	14606 9152	4.70 0.90	27.30 8.50	77.472			
			1975	TENN	BIT	300.68	13000 10500	2.90 0.80	19.00 8.80	122.582			
			1976	ALA	BIT	628.83	11362 9872	4.40 0.90	21.50 18.40	113.598			
			1976	KY	BIT	3485.52	12008 10645	4.30 0.90	18.50 8.80	97.362			
			1976	TENN	BIT	15.82	12330 12027	2.40 2.10	13.30 12.40	138.370			
			1977	ALA	BIT	427.26	13000 9649	3.80 0.70	21.00 11.60	152.437			
			1977	KY	BIT	2248.62	11879 9966	4.60 0.90	18.80 9.00	106.420			
			1977	TENN	BIT	71.62	12766 11200	4.30 0.90	15.80 12.60	87.589			
			1977	WYO	BIT	43.16	8150 8150	0.30 0.30	6.30 6.30	142.493			
			1978	ALA	BIT	1632.32	12700 10796	2.50 0.50	20.40 7.50	135.640			
			1978	GA	BIT	13.94	12500 10800	3.90 0.80	16.20 7.50	127.434			
			1978	KY	BIT	1953.26	12517 10567	4.30 0.70	17.20 6.90	132.544			
			1978	PENN	BIT	1.34	11000 11000	0.90 0.90	13.10 13.10	144.300			
			1978	TENN	BIT	219.53	12700 10800	3.00 0.80	17.20 9.40	131.034			
			1978	W.V.	BIT	2.99	11941 11941	0.60 0.60	13.30 13.30	165.900			

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COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
ARIZONA										
ARIZONA ELECTRIC POWER COOP INC APACHE (CS)	COCHISE	75.00	1978	ARIZ	BIT	71.30	9970 9970	0.41 0.41	12.30 12.30	139.350
			1978	COLO	BIT	4.00	11000 11000	0.50 0.50	12.00 12.00	155.100
			1978	N.M.	BIT	255.31	10829 10000	0.54 0.45	12.76 9.90	145.372
ARIZONA PUBLIC SERVICE CHOLLA	JOSEPH CITY	376.64	1972	N.M.	SUB	174.50	10800 9828	0.42 0.40	11.90 8.60	28.757
			1973	N.M.	SUB	451.70	10648 9827	0.50 0.40	11.90 7.50	31.628
			1974	N.M.	SUB	488.20	10665 9927	0.60 0.50	14.80 9.00	37.012
			1975	ARIZ	SUB	13.50	11500 11500	0.50 0.50	11.30 11.30	45.200
			1975	N.M.	SUB	340.10	10606 8721	0.60 0.46	22.50 9.80	45.437
			1975	UTAH	SUB	23.80	12500 11250	0.60 0.60	10.50 8.00	160.064
			1976	N.M.	SUB	445.10	10320 9563	0.53 0.31	17.30 11.60	59.660
			1977	N.M.	SUB	556.10	10152 9687	0.52 0.40	15.78 11.40	85.465
			1978	N.M.	SUB	1139.30	10366 9801	0.46 0.43	14.60 10.67	93.330
SALT RIVER PROJECT NAVAJO	PAGE	2409.48	1974	ARIZ	SUB	2538.00	12427 10509	0.50 0.40	9.70 6.90	13.400
			1975	ARIZ	SUB	3384.70	10988 10125	0.50 0.30	10.40 6.70	13.532
			1975	N.M.	SUB	239.50	8830 8700	0.60 0.40	23.10 21.80	18.729
			1975	UTAH	BIT	145.80	12216 12107	0.90 0.60	12.30 11.40	94.765
			1975	UTAH	SUB	0.20	12473 12473	0.70 0.70	10.50 10.50	92.200
			1976	ARIZ	SUB	6083.49	10812 10192	0.61 0.40	13.40 9.10	16.275
			1976	UTAH	BIT	234.90	11300 10833	0.61 0.48	11.00 8.30	108.522
			1977	ARIZ	SUB	6753.79	11229 8631	0.51 0.29	14.60 5.30	33.500
			1977	COLO	BIT	157.10	12000 12000	0.55 0.50	9.00 9.00	128.721
			1977	N.M.	SUB	149.90	10200 10200	0.50 0.50	12.00 12.00	162.900
			1977	UTAH	BIT	538.20	11300 11063	0.50 0.50	11.00 8.30	111.948
			1978	ARIZ	SUB	6290.39	11070 10714	0.46 0.37	10.00 8.10	35.892
ARKANSAS										
SOUTHWESTERN ELEC PWR (CSW) FLINT CREEK	GENTRY	512.30	1978	WYO	SUB	1471.40	8461 8334	0.45 0.34	5.90 5.10	100.529
COLORADO										
CENTRAL TELE AND UTIL CORP PUEBLO CLARK	PUEBLO CANON CITY	30.00 38.50	1973 1972	COLO COLO	BIT BIT	2.05 33.99	11500 11500 10187 9475	0.70 0.70 0.70 0.70	10.00 10.00 16.90 16.90	43.000 27.900
			1973	COLO	BIT	82.82	11347 9004	0.70 0.70	16.90 16.90	31.686
			1974	COLO	BIT	99.31	11459 10036	0.70 0.70	16.90 16.90	49.402
			1975	COLO	BIT	97.04	10837 10052	0.70 0.70	16.90 16.90	74.945
			1976	COLO	BIT	110.48	10332 9885	0.70 0.70	16.90 16.90	70.980
			1977	COLO	BIT	123.64	10913 10000	0.70 0.70	16.90 16.90	66.877
			1978	COLO	BIT	137.34	10114 9596	0.70 0.50	20.00 16.90	68.098
COLORADO SPRINGS DEPT PUB UTILS DRAKE	COLORADO SPRINGS	282.00	1972	COLO	BIT	41.44	10100 9103	1.00 0.40	15.80 11.40	36.990

TABLE 3.4 CONTD.

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STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/HBTU
			1973	COLO	BIT	301.60	10907 9277	0.95 0.50	17.10 9.10	35.464
			1974	COLO	BIT	327.60	11027 8282	1.30 0.60	21.60 8.40	43.883
			1975	COLO	BIT	458.50	10913 8549	1.50 0.40	17.10 7.40	73.199
			1976	COLO	BIT	685.27	10832 8733	0.79 0.39	11.80 6.70	76.927
			1977	COLO	BIT	891.00	11936 7745	0.67 0.27	20.50 4.70	85.652
			1978	COLO	BIT	727.50	10974 9886	0.71 0.35	12.00 5.10	99.385
BIRDSALL	COLORADO SPRINGS	62.50	1973	COLO	BIT	20.60	10736 9878	0.92 0.73	15.00 10.70	35.190
COLORADO-UTE ELECTRIC ASSN HAYDEN	HAYDEN	465.40	1972	COLO	BIT	321.40	10906 10397	0.50 0.40	10.90 10.00	18.131
			1973	COLO	BIT	616.25	11047 10744	0.50 0.40	11.50 9.40	19.066
			1974	COLO	BIT	265.10	10746 10321	0.40 0.40	11.20 9.40	20.700
			1974	COLO	SUB	188.60	10701 10324	0.43 0.40	10.50 9.70	20.852
			1975	COLO	SUB	645.10	10953 10004	0.50 0.40	12.40 9.80	24.001
			1976	COLO	SUB	934.17	10878 10190	0.54 0.44	11.90 9.10	27.075
			1977	COLO	SUB	1068.01	11018 10615	0.51 0.45	12.08 9.35	27.845
			1978	COLO	SUB	1553.00	11014 10180	0.51 0.44	11.50 8.70	38.235
NUCLA	NUCLA	34.50	1972	COLO	BIT	41.70	12241 11379	1.30 0.70	13.60 10.90	28.005
			1973	COLO	BIT	105.17	12268 11719	0.90 0.70	13.80 12.00	30.146
			1974	COLO	BIT	105.10	12220 11319	0.70 0.60	14.20 12.20	33.742
			1975	COLO	BIT	101.90	11900 10660	0.70 0.70	18.70 11.60	51.318
			1976	COLO	BIT	96.69	12495 10496	0.91 0.59	14.40 8.60	68.747
			1977	COLO	BIT	93.09	12175 10737	0.83 0.65	13.37 8.02	74.119
			1978	COLO	BIT	101.30	12025 10930	0.78 0.65	13.20 10.80	84.774
PUBLIC SERVICE CO OF COLORADO ARAPAHOE	DENVER	250.50	1972	COLO	SUB	136.18	11294 8996	0.70 0.20	10.10 4.30	32.287
			1972	WYO	SUB	67.13	10578 10401	0.70 0.60	7.90 7.30	33.511
			1973	COLO	SUB	264.50	11750 8710	0.70 0.20	11.30 2.50	33.962
			1973	WYO	SUB	177.00	10825 10489	0.90 0.50	9.30 5.80	33.583
			1974	COLO	SUB	365.40	11684 8817	0.70 0.20	10.80 2.90	38.868
			1974	WYO	SUB	173.00	11194 8291	0.80 0.30	8.20 4.40	54.647
			1975	COLO	SUB	379.60	11059 8702	0.70 0.20	11.10 5.50	49.907
			1975	WYO	SUB	195.60	10616 9365	0.99 0.20	8.90 2.90	58.756
			1976	COLO	SUB	551.90	11039 8346	0.88 0.32	11.73 6.46	52.694
			1976	WYO	SUB	56.00	10791 10266	0.93 0.73	10.26 6.36	57.358
			1977	COLO	BIT	61.40	11104 11104	0.49 0.49	8.74 8.74	62.800
			1977	COLO	SUB	869.80	11150 7306	0.83 0.18	15.65 6.96	67.968
			1978	COLO	SUB	635.30	11123 10329	0.54 0.25	9.63 4.45	75.097
CAMEO	CAMEO	75.00	1972	COLO	BIT	35.57	12492 12250	0.60 0.50	9.00 8.10	29.698
			1972	COLO	SUB	14.15	11205 10886	0.70 0.40	15.90 7.20	38.232
			1973	COLO	BIT	80.00	12403 11728	0.50 0.40	12.70 9.40	32.602
			1973	COLO	SUB	251.00	11753 9026	0.70 0.20	9.90 2.50	33.863
			1974	COLO	BIT	89.00	11943 11012	0.60 0.30	17.20 3.20	39.159
			1974	COLO	SUB	92.60	11165 10693	0.70 0.50	12.00 9.00	57.337
			1975	COLO	BIT	0.80	12892 12551	2.55 0.77	9.23 9.00	43.773
			1975	COLO	SUB	156.60	11059 10233	0.70 0.50	16.90 9.00	52.774
			1976	COLO	BIT	5.50	13104 12468	1.40 0.59	8.98 7.55	38.941
			1976	COLO	SUB	163.20	11489 10535	0.88 0.44	11.56 8.78	62.421
			1977	COLO	BIT	72.23	13894 11895	1.06 0.41	9.83 5.96	74.517
			1977	COLO	SUB	104.40	11150 10830	0.59 0.36	9.62 8.14	82.525
			1978	COLO	BIT	124.50	12343 10917	0.82 0.48	10.71 7.69	83.268
			1978	COLO	SUB	28.10	11868 10894	0.63 0.40	9.38 5.16	93.025
CHEROKEE	DENVER	801.30	1972	COLO	SUB	901.95	11753 8996	0.70 0.20	10.10 2.50	28.066

TABLE 3.4 CONTD.

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COMANCHE	PUEBLO	778.50	1973	COLO	SUB	1545.50	11753 8710	0.70 0.20	11.30 2.50	29.397			
			1973	WYO	SUB	71.80	10825 8467	0.90 0.50	9.00 5.40	32.648			
			1974	COLO	SUB	1690.80	11684 8817	0.70 0.20	11.00 2.90	35.484			
			1974	WYO	SUB	271.60	10650 8291	0.80 0.20	7.30 4.50	47.826			
			1975	COLO	SUB	2248.10	11059 10422	0.60 0.43	11.10 8.40	53.799			
			1975	WYO	SUB	269.40	8620 8147	0.60 0.30	6.70 5.20	51.190			
			1976	COLO	SUB	1581.60	11039 10657	0.49 0.38	11.42 6.46	48.468			
			1976	WYO	SUB	0.10	8328 8328	0.41 0.41	5.44 5.44	37.400			
			1977	COLO	SUB	1847.30	11150 10462	0.82 0.36	9.62 7.49	58.644			
			1977	WYO	SUB	184.50	10526 10244	1.06 0.79	9.77 8.43	87.937			
			1978	COLO	SUB	1919.40	11123 10903	0.50 0.40	9.63 5.54	65.478			
			1973	WYO	SUB	108.80	8374 8374	0.40 0.40	6.20 6.20	30.100			
			1974	WYO	SUB	1639.10	8788 8337	0.50 0.20	6.90 4.50	36.491			
			1975	WYO	SUB	1607.50	8764 8082	0.62 0.30	6.90 5.20	36.920			
			1976	WYO	SUB	2638.50	8448 8151	0.50 0.37	5.78 5.18	45.986			
			1977	WYO	SUB	2537.50	8535 8314	0.39 0.34	5.70 5.18	57.953			
			1978	WYO	SUB	2817.30	8460 8349	0.41 0.33	5.33 4.98	66.933			
			VALMONT	VALMONT	281.75	1972	COLO	SUB	31.70	9300 9200	0.30 0.20	8.10 5.70	31.363
						1972	WYO	SUB	179.80	10578 10401	0.70 0.60	7.90 5.70	30.611
						1973	COLO	SUB	111.60	9820 9100	0.40 0.20	8.50 3.30	33.618
1973	WYO	SUB				384.20	11578 10489	0.90 0.50	9.30 5.80	30.793			
1974	COLO	SUB				102.90	9474 8817	0.40 0.20	9.90 5.50	39.150			
1974	WYO	SUB				285.90	11578 10338	1.00 0.60	9.60 5.50	38.496			
1975	COLO	SUB				30.90	9474 9332	0.30 0.20	6.60 5.50	49.878			
1975	WYO	SUB				200.00	10698 10406	1.00 0.70	8.90 7.57	45.777			
1976	WYO	SUB				265.50	10813 10434	0.93 0.73	9.64 6.36	55.470			
1977	COLO	SUB				44.20	11150 10830	0.44 0.42	9.20 8.22	69.985			
1977	WYO	SUB				418.20	10719 10244	1.06 0.78	9.77 6.83	74.335			
1978	COLO	SUB				235.30	11031 10329	0.54 0.25	9.38 4.45	98.657			
1978	WYO	SUB	273.50	10573 10211	1.08 0.81	9.94 6.96	65.772						
CONNECTICUT													
THE CONNECTICUT LT & PWR CO (NU) MONTVILLE	MONTVILLE	489.90	1973	PENN	BIT	12.00	11550 11550	2.80 2.80	15.00 15.00	90.800			
			1974	PENN	BIT	38.00	12731 10748	3.10 1.90	19.70 16.10	99.132			
THE HARTFORD ELEC LIGHT CO (NU) MIDDLETOWN	MIDDLETOWN	836.90	1973	PENN	BIT	41.00	12145 11527	2.20 2.20	14.00 13.60	83.255			
			1974	PENN	BIT	134.00	12314 11594	2.60 1.90	19.10 14.50	113.780			
DELAWARE													
DELMARVA POWER & LIGHT DELAWARE CITY	DELAWARE CITY	130.00	1972	--	PC	73.00	14346 14191	7.70 5.70	0.40 0.30	31.943			
			1973	--	PC	97.00	14319 13966	8.00 6.10	0.40 0.20	28.866			
			1974	--	PC	53.00	14350 13958	7.10 5.60	0.40 0.20	60.363			
			1975	--	PC	2.00	14084 14084	8.20 8.20	0.20 0.20	49.300			
			1976	--	PC	7.00	14047 14029	7.76 6.34	0.30 0.20	153.245			
			1977	--	PC	9.00	14302 14084	6.71 6.01	0.30 0.20	155.367			
			1978	--	PC	51.00	14321 13872	7.14 0.20	7.06 0.03	143.125			
			EDGE MOOR	EDGE MOOR	835.56	1973	PENN	BIT	12.00	13091 13091	1.90 1.90	10.00 10.00	57.600

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STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
INDIAN RIVER	MILLSBORO	340.00	1973	W.V.	BIT	29.00	12500 11454	2.60 1.50	17.60 11.00	61.864
			1972	MD	BIT	3.00	12557 12557	1.00 1.00	10.40 10.40	50.700
			1972	PENN	BIT	395.00	13528 11528	2.80 0.90	13.10 7.50	52.619
			1972	W.V.	BIT	58.00	13122 11944	2.30 0.90	13.10 5.60	52.126
			1973	PENN	BIT	770.00	13407 10588	3.30 0.10	19.30 8.40	57.441
			1973	W.V.	BIT	55.00	13147 12001	2.40 0.90	13.90 9.00	60.181
			1974	PENN	BIT	755.00	13402 9901	4.50 0.70	24.40 5.90	110.528
			1974	W.V.	BIT	13.00	12240 11364	3.00 1.20	17.50 12.10	103.234
			1975	PENN	BIT	971.00	12960 10921	3.80 1.20	19.30 9.90	115.289
			1976	PENN	BIT	765.00	13188 11472	3.15 0.97	18.70 8.60	101.980
			1977	PENN	BIT	704.00	13053 11026	3.00 1.18	17.20 9.00	109.214
			1978	MD	BIT	4.00	11162 11162	2.07 2.07	2.30 2.30	135.300
1978	PENN	BIT	759.00	13029 11034	2.93 0.93	16.60 9.40	130.084			
DOVER, CITY OF MCKEE RUN	DOVER	171.20	1972	KY	BIT	7.40	12800 12800	2.40 2.40	11.00 11.00	51.700
			1972	PENN	BIT	34.30	13700 12800	3.80 2.20	13.20 10.60	52.418
			1974	OHIO	BIT	5.00	13100 10600	4.50 2.25	17.00 7.50	108.872
WASHINGTON D.C.										
POTOMAC ELECTRIC POWER BENNING	WASHINGTON D.C.	718.35	1972	VA	BIT	47.00	14016 13113	1.00 0.60	8.80 6.80	59.584
			1972	W.V.	BIT	25.00	13466 12489	0.80 0.40	11.40 6.10	56.101
			1973	KY	BIT	37.00	13574 12500	1.00 0.80	14.00 6.30	70.227
			1973	MD	BIT	2.00	12002 12002	0.80 0.80	10.20 10.20	62.600
			1973	VA	BIT	142.00	13896 12500	1.30 0.60	11.30 6.00	63.419
			1973	W.V.	BIT	69.00	13334 11490	0.70 0.40	12.60 5.90	58.730
			1974	KY	BIT	165.00	13524 12293	1.30 0.50	13.50 8.40	195.983
			1974	VA	BIT	74.00	13411 11743	1.50 0.50	17.30 5.50	120.703
			1974	W.V.	BIT	43.00	12661 9724	0.80 0.40	21.30 9.40	141.582
			1975	KY	BIT	60.00	13295 12442	1.00 0.50	12.10 7.80	150.869
			1975	VA	BIT	30.00	13179 12631	0.90 0.50	9.90 7.90	145.450
			1975	W.V.	BIT	3.00	12711 11353	0.70 0.50	17.70 10.60	165.800
FLORIDA										
FLORIDA POWER CORP CRYSTAL RIVER	CRYSTAL RIVER	964.30	1976	ALA	BIT	12.00	11372 11213	2.03 1.98	9.70 9.20	141.414
			1976	KY	BIT	193.00	11372 11213	2.51 1.98	9.91 9.20	139.660
			1977	PC	PC	17.00	15300 14200	5.00 4.50	1.00 0.50	107.210
			1977	ILL	BIT	65.30	11368 11043	2.97 2.16	10.80 9.75	140.189
			1977	IND	BIT	38.30	11043 11043	2.97 2.97	10.80 10.80	142.000
			1977	KY	BIT	829.30	11643 11022	3.12 2.02	11.42 8.25	146.546
			1978	ILL	BIT	321.00	12059 11383	2.88 1.36	10.47 7.49	173.201
			1978	IND	BIT	239.00	12004 11383	2.88 1.70	10.47 8.27	173.166
			1978	KY	BIT	477.00	12059 11383	2.88 1.36	10.47 7.49	172.790
			1978	OKLA	BIT	219.00	12004 11724	2.85 1.70	10.47 8.27	174.785
FLORIDA POWER CRIST	PENSACOLA	1229.00	1972	ALA	BIT	80.80	12529 12225	1.90 1.90	14.30 13.20	42.867
			1972	ILL	BIT	130.50	11604 10994	3.40 3.00	12.50 10.50	46.444

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							MAX	MIN	MAX	MIN	MAX	MIN	
SCHOLTZ	CHATTANOOCHEE	98.00	1972	KY	BIT	309.70	12108	11429	4.10	3.00	10.60	5.80	49.646
			1972	W.V.	BIT	117.50	12005	11446	3.90	3.20	10.50	6.90	50.634
			1973	ALA	BIT	398.80	12459	11565	2.40	1.70	14.70	10.70	48.864
			1973	ILL	BIT	374.40	12072	11224	3.10	2.70	11.60	9.60	49.960
			1973	KY	BIT	742.80	12558	11263	5.90	2.10	13.90	5.70	53.267
			1974	ALA	BIT	310.00	12395	11824	3.80	2.00	14.40	11.40	64.910
			1974	ILL	BIT	894.70	11952	11000	3.80	3.10	12.10	9.60	70.480
			1974	KY	BIT	580.20	12197	10598	4.70	2.30	16.70	8.80	74.399
			1975	ALA	BIT	126.10	13333	11607	3.60	2.10	16.70	10.60	93.602
			1975	INPT	BIT	35.10	11904	11282	1.10	0.40	15.10	11.10	190.935
			1975	ILL	BIT	698.50	11902	11674	3.30	2.80	11.60	9.80	88.157
			1975	KY	BIT	342.60	12024	10895	3.70	2.80	15.90	9.60	113.969
			1976	ALA	BIT	374.00	12965	11983	3.80	1.70	14.50	9.60	96.541
			1976	ILL	BIT	1270.90	12232	11621	3.62	2.90	10.20	9.30	94.046
			1976	KY	BIT	382.00	11985	11266	3.60	3.00	13.30	9.10	107.772
			1977	ALA	BIT	59.10	12784	12461	3.73	3.35	10.40	9.10	94.371
			1977	ILL	BIT	1016.20	11947	11545	3.72	2.86	10.50	9.20	102.501
			1977	KY	BIT	357.60	11887	11004	3.69	2.85	13.20	8.50	120.649
			1978	ALA	BIT	330.40	13100	11590	2.68	1.25	15.70	8.30	140.673
			1978	ILL	BIT	695.40	12000	11493	3.68	2.80	10.40	9.60	123.109
			1978	KY	BIT	321.50	11821	10323	4.46	2.62	15.20	8.60	136.388
			1972	ALA	BIT	104.80	12529	12137	1.90	1.80	14.30	13.20	54.019
			1973	ALA	BIT	206.80	13092	11920	1.90	0.60	15.40	7.10	54.374
			1974	ALA	BIT	122.00	13859	11484	2.80	0.60	16.50	3.80	77.237
			1974	KY	BIT	117.20	13162	9977	4.00	0.80	26.50	3.80	167.136
			1974	TENN	BIT	3.60	12934	11814	1.60	1.20	11.80	6.80	165.696
			1975	ALA	BIT	156.00	13835	9983	2.60	0.80	18.40	6.10	106.185
			1975	KY	BIT	28.90	13238	10400	3.90	0.80	24.70	4.60	175.037
			1976	ALA	BIT	293.30	12860	11800	3.90	1.90	15.80	10.10	115.355
			1977	ALA	BIT	265.10	13365	11418	3.00	1.21	16.80	6.60	137.339
			1977	KY	BIT	40.40	12050	11033	2.22	0.96	15.60	11.90	143.593
			1978	ALA	BIT	189.90	12966	12158	2.29	1.04	15.40	8.50	151.844
SMITH	PANAMA CITY	34.00	1972	--	PC	61.90	14099	13829	3.80	3.20	1.00	1.00	20.300
			1972	ALA	BIT	36.90	10299	10299	2.90	2.90	18.30	18.30	41.200
			1972	ILL	BIT	188.00	11585	10843	3.30	2.80	12.30	8.90	47.356
			1972	KY	BIT	223.60	12172	10171	4.30	2.60	16.40	5.90	46.205
			1973	--	PC	143.90	14403	13735	3.90	3.30	1.00	0.10	20.300
			1973	ILL	BIT	125.90	11820	10909	3.70	2.70	11.40	9.90	50.865
			1973	KY	BIT	420.30	12141	10362	3.50	2.10	17.10	6.40	53.170
			1974	--	PC	132.90	14220	13926	4.00	3.30	0.40	0.20	22.931
			1974	INPT	BIT	65.30	12147	12000	0.80	0.60	13.30	11.60	99.274
			1974	ILL	BIT	73.80	11830	11438	3.40	2.70	11.30	9.60	71.804
			1974	KY	BIT	415.60	12326	10123	4.00	2.80	19.40	5.30	98.575
			1975	INPT	BIT	296.00	12020	11112	0.80	0.40	16.10	12.60	130.740
			1975	ILL	BIT	214.70	11791	11605	3.50	2.60	11.40	10.50	88.638
			1975	KY	BIT	187.80	11978	10748	3.50	1.40	15.70	5.50	136.186
			1976	INPT	BIT	747.60	11998	11067	0.80	0.40	14.90	12.60	108.797
			1976	ILL	BIT	287.50	12038	11900	3.00	2.60	10.50	9.10	95.010
			1976	KY	BIT	4.20	11156	11156	2.70	2.70	13.10	13.10	109.200
			1977	INPT	BIT	746.00	11899	11441	1.10	0.69	14.70	13.10	128.280
			1977	KY	BIT	4.20	10742	10742	2.76	2.76	12.00	12.00	129.800
			1978	INPT	BIT	861.80	12076	11739	0.67	0.53	14.20	11.40	146.045

TAMPA ELECTRIC

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE	UTILITY	PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU				
GEORGIA	GANNON	TAMPA	1270.38	1972	KY	BIT		1363.00	11387 10715	3.90 3.60	13.40 12.10	38.526				
				1973	KY	BIT		2240.00	12643 10883	3.50 1.10	13.30 6.90	51.112				
				1974	KY	BIT		1743.36	11413 10936	3.80 1.20	14.80 9.60	70.657				
				1975	KY	BIT		1904.01	12621 11059	3.40 1.70	12.60 9.60	94.973				
				1976	IMPT	BIT		309.54	12589 11070	3.15 0.73	11.80 7.90	107.762				
				1976	KY	BIT		884.55	12063 10579	3.15 1.08	16.40 9.30	133.619				
				1977	IMPT	BIT		163.77	12460 11993	1.00 0.73	10.10 8.05	122.968				
				1977	KY	BIT		844.38	12553 11158	1.31 0.89	16.40 7.54	150.372				
				1978	ALA	BIT		11.72	12300 12300	1.29 1.29	9.00 9.00	142.748				
				1978	IMPT	BIT		222.25	13314 11000	1.45 0.50	15.00 8.00	141.779				
				1978	IND	BIT		3.74	11400 11200	3.50 2.25	11.00 8.50	125.209				
				1978	KY	BIT		914.30	14101 11000	3.50 0.71	13.19 2.33	167.674				
				1978	OKLA	BIT		3.89	12500 12000	4.00 0.79	12.00 10.00	126.078				
				BIG BEND	TAMPA	1336.50	1972	KY	BIT		454.00	11239 10773	4.00 3.60	13.00 12.50	39.109	
							1973	KY	BIT		1531.00	11629 10856	3.70 3.20	12.70 10.00	49.438	
							1974	KY	BIT		1862.13	11606 11020	3.60 3.00	11.50 9.50	66.978	
	1975	KY	BIT					1767.85	11392 10903	3.40 3.00	11.60 10.00	101.030				
	1976	KY	BIT					2181.59	11293 10823	3.35 2.85	12.30 10.40	110.821				
	1977	IMPT	BIT					141.28	12000 11154	2.78 0.90	11.02 8.00	133.164				
	1977	IND	BIT					9.42	11195 11195	2.55 2.55	11.02 11.02	120.500				
	1977	KY	BIT					2434.40	11325 11073	3.40 2.53	11.82 10.21	121.602				
	1978	ALA	BIT					61.30	12300 12300	1.29 1.29	9.00 9.00	142.795				
	1978	IMPT	BIT					642.78	12000 11000	1.45 0.50	16.70 7.00	142.846				
	1978	IND	BIT					6.65	11400 11200	3.50 2.25	11.00 8.50	125.209				
	1978	KY	BIT					1760.59	12500 10908	3.50 1.30	12.00 6.00	131.085				
	1978	OKLA	BIT					27.00	12500 12000	4.00 0.79	12.00 10.00	127.054				
	GEORGIA															

	GEORGIA POWER (SOUTHERN CO)	ARKWRIGHT	MACON				181.25	1972	KY	BIT		52.00	11956 11564	2.00 1.60	15.60 13.10	42.901
				1972	TENN	BIT			174.00	11957 11035	1.80 0.80	18.00 10.10	43.000			
				1973	KY	BIT			11.00	12085 12085	2.80 2.80	7.00 7.00	64.500			
				1973	TENN	BIT			394.00	13186 11304	3.30 0.80	15.70 7.60	45.064			
1974				KY	BIT			149.00	12814 10824	3.20 0.90	18.50 6.70	107.313				
1974				TENN	BIT			288.00	12641 10801	2.80 0.80	18.50 7.80	77.176				
1975				KY	BIT			43.00	12358 11507	3.10 1.60	13.20 9.90	127.313				
1975				TENN	BIT			175.00	13086 10255	3.10 1.10	23.40 8.10	89.103				
1975				VA	BIT			58.00	12254 12077	1.40 1.30	13.00 11.60	112.900				
1976				VA	BIT			426.87	12513 12206	1.40 1.10	13.10 11.50	114.252				
1977				VA	BIT			413.40	12390 11637	1.85 0.80	16.80 11.90	120.848				
1978				ALA	BIT			4.30	12210 12210	1.30 1.30	12.70 12.70	147.100				
ATKINSON		SHYRNA	258.00	1978	KY	BIT		33.70	12500 10868	2.50 0.80	16.00 12.00	144.195				
				1978	TENN	BIT		116.80	12773 9430	3.70 0.80	29.00 9.00	130.341				
				1978	VA	BIT		155.60	12628 11568	2.70 0.80	16.00 6.00	131.235				
				1973	KY	BIT		803.00	13002 11066	2.70 0.60	15.30 7.70	37.703				
				1974	KY	BIT		934.00	12927 10872	3.40 0.60	19.30 7.80	105.756				
				1975	KY	BIT		1035.99	13028 10481	3.90 0.60	20.40 7.10	102.625				
				1976	KY	BIT		912.00	13041 11291	3.00 0.81	15.20 8.20	97.372				
				1977	KY	BIT		1073.19	12835 10836	9.70 0.60	19.60 7.00	121.630				
				1977	TENN	BIT		10.10	12218 11035	2.13 0.66	17.40 6.20	129.302				
				1977	VA	BIT		4.40	12275 10874	1.80 0.99	14.40 9.40	125.806				
				1978	KY	BIT		824.50	12924 10419	3.90 0.70	16.10 8.00	125.662				

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/HBTU
HAMMOND	COOSA	953.50	1978	TENN	BIT	93.10	12784 11084	2.80 1.30	18.70 9.50	152.008
			1978	VA	BIT	20.50	12161 11130	2.30 1.80	16.00 12.90	166.687
			1972	IND	BIT	734.00	11450 11210	3.40 3.20	9.20 8.90	48.000
			1972	KY	BIT	108.00	12985 11297	3.20 0.60	16.70 6.80	42.803
			1972	TENN	BIT	228.00	13260 10290	3.60 0.80	22.30 5.70	42.518
			1973	GA	BIT	14.00	12589 10138	0.70 0.50	21.90 10.60	42.180
			1973	IND	BIT	1571.00	11495 11219	3.60 3.20	9.60 8.50	49.579
			1973	KY	BIT	89.00	12737 12078	3.10 1.10	11.50 6.20	49.807
			1974	IND	BIT	1181.00	11537 11017	3.90 3.40	10.80 9.00	48.200
			1974	KY	BIT	321.00	12499 11100	4.30 1.70	14.80 5.90	130.612
			1974	TENN	BIT	8.00	12654 12089	2.70 1.90	13.60 4.70	63.790
			1975	ALA	BIT	874.00	13127 10863	2.50 0.70	16.10 6.20	122.221
			1975	IND	BIT	460.00	11442 11294	3.90 3.20	10.10 8.50	54.585
			1975	KY	BIT	449.00	12917 10485	3.20 0.70	21.10 6.30	123.528
			1975	TENN	BIT	21.00	13086 11857	2.60 1.40	13.70 8.10	107.532
			1976	ALA	BIT	923.90	13135 11081	2.60 0.80	17.50 5.60	127.065
			1976	KY	BIT	115.10	12715 11357	2.16 1.20	14.20 8.80	109.938
			1977	ALA	BIT	343.60	12858 11457	2.50 0.75	15.00 10.30	132.303
			1977	KY	BIT	873.79	13468 10836	2.51 0.59	19.60 5.40	121.651
			1977	TENN	BIT	310.00	12800 10197	2.98 0.64	20.20 10.00	114.103
			1977	VA	BIT	96.50	12362 11212	2.70 0.61	15.80 7.00	121.280
			1978	ALA	BIT	203.80	12894 12210	1.60 1.10	13.10 9.70	133.344
			1978	ILL	BIT	32.10	11568 11087	3.00 2.10	10.40 7.80	122.253
			1978	KY	BIT	433.40	12842 11500	2.50 0.50	14.50 8.00	126.999
			1978	TENN	BIT	238.10	13017 11202	2.60 0.80	20.00 9.10	132.321
HARLEE BRANCH	MILLEDGEVILLE	1746.24	1978	VA	BIT	114.70	12232 11130	2.00 0.80	16.00 12.90	142.391
			1972	ALA	BIT	470.00	11668 11245	2.50 1.70	17.90 14.90	48.861
			1972	KY	BIT	480.00	11970 11038	3.00 0.60	14.60 9.30	45.476
			1972	TENN	BIT	692.00	13753 12310	2.80 0.70	8.00 5.60	37.216
			1973	ALA	BIT	556.00	12627 11264	2.20 1.30	16.90 7.30	50.128
			1973	KY	BIT	702.00	12898 10093	1.50 0.70	19.20 7.00	46.119
			1973	TENN	BIT	1092.00	12961 12200	1.00 0.60	12.00 6.40	42.771
			1974	KY	BIT	1035.00	13066 10872	3.60 0.80	19.30 8.00	91.507
			1974	TENN	BIT	946.00	12876 11243	1.90 0.60	16.90 7.40	55.992
			1974	VA	BIT	44.00	11500 11500	3.10 1.00	12.00 12.00	218.568
			1975	KY	BIT	2070.00	13028 10481	3.00 0.70	20.40 8.20	98.328
			1975	TENN	BIT	917.00	12802 11907	0.80 0.60	12.00 7.60	69.564
			1975	VA	BIT	2.00	11500 11500	1.00 1.00	12.00 12.00	222.700
			1976	KY	BIT	1653.00	12774 10760	3.09 0.73	17.50 4.30	104.781
			1976	TENN	BIT	801.70	12346 11708	0.72 0.70	13.80 10.40	87.638
			1977	KY	BIT	2353.19	14438 10232	8.74 0.60	20.60 5.50	121.191
			1977	TENN	BIT	757.00	12495 11449	0.96 0.70	13.50 9.10	119.585
FORM 423 PLT # 1100	--	-	1978	ILL	BIT	19.10	11558 11240	3.00 2.20	10.20 8.00	123.380
			1978	KY	BIT	1714.09	13079 10290	2.90 0.60	21.20 7.90	139.652
			1978	TENN	BIT	583.30	12541 12100	0.80 0.70	11.50 9.30	153.597
			1972	KY	BIT	733.00	13160 11272	3.30 0.60	16.70 6.80	36.842
			1972	TENN	BIT	7.00	12567 12567	1.10 1.10	11.60 11.60	44.000
			1973	KY	BIT	165.00	12678 10710	1.20 0.70	19.20 10.20	38.508
			1975	TENN	BIT	14.00	11855 11855	1.80 1.80	12.50 12.50	113.700
			1975	VA	BIT	1.00	12236 12236	1.40 1.40	13.00 13.00	115.300
			1972	KY	BIT	326.00	12854 11337	2.00 0.90	16.60 8.80	48.855
			1972	TENN	BIT	19.00	12892 11310	1.70 0.80	16.40 7.90	46.349
MC MANUS	BRUNSWICK	143.75	1973	KY	BIT	486.00	13009 10998	1.90 1.10	17.50 7.30	50.205
			1973	TENN	BIT	23.00	12344 12279	1.30 1.10	10.50 8.90	49.864

TABLE 3,4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE, \$/MBTU
WANSLEY	ROOPVILLE	1904.00	1974	KY	BIT	464.00	13927 11000	3.50 0.60	17.90 7.00	89.507
			1974	TENN	BIT	31.00	12674 10983	3.80 1.30	23.00 7.90	138.683
			1975	KY	BIT	407.00	13534 11000	3.50 0.80	15.70 6.00	92.955
			1975	TENN	BIT	3.00	11500 11283	2.30 2.00	18.20 14.00	178.783
			1976	KY	BIT	485.60	12777 11981	1.60 1.20	15.30 10.70	96.647
			1977	KY	BIT	549.40	13400 11141	2.08 0.60	15.30 5.60	129.639
			1978	KY	BIT	480.50	13136 11265	2.00 0.80	17.10 7.90	122.230
			1975	KY	BIT	13.00	11520 11520	2.60 2.60	9.10 9.10	112.700
			1976	IND	BIT	1163.90	11192 10844	1.09 0.97	10.10 8.00	74.675
			1976	KY	BIT	104.10	11695 11398	2.90 2.50	11.00 8.60	107.669
			1977	ALA	BIT	40.40	12000 12000	2.50 2.50	15.00 15.00	102.700
			1977	IND	BIT	1245.30	11014 10743	1.21 1.00	10.60 8.60	78.854
			1977	KY	BIT	677.10	12707 11315	2.90 0.72	15.80 8.60	107.193
			1977	TENN	BIT	16.50	12209 12209	0.73 0.73	11.30 11.30	140.600
			1977	VA	BIT	51.90	12190 11006	1.29 0.87	14.40 8.62	133.539
			1978	ILL	BIT	1494.30	11689 10930	3.10 1.80	11.10 7.80	117.635
			1978	IND	BIT	820.90	11079 10544	1.20 1.00	10.60 8.00	92.993
			1978	KY	BIT	1108.70	12921 10539	3.50 0.50	17.30 7.40	136.315
			1978	OHIO	BIT	145.00	10796 10719	3.40 3.10	14.20 13.30	164.400
			1978	VA	BIT	122.40	12070 11975	0.90 0.80	13.80 13.70	142.037
YATES	NEWNAN	1487.50	1978	W.V.	BIT	64.80	12275 11513	0.90 0.70	15.50 10.30	155.960
			1972	KY	BIT	569.00	13137 10760	2.90 0.80	15.40 6.60	46.337
			1972	TENN	BIT	229.00	13146 10848	3.60 1.00	19.50 6.60	44.970
			1973	ALA	BIT	200.00	12012 11479	2.10 1.90	16.70 14.40	53.234
			1973	KY	BIT	1155.00	13526 10705	3.00 0.40	17.80 4.20	50.182
			1973	TENN	BIT	362.00	13451 10386	3.40 0.80	21.90 5.70	46.467
			1974	ALA	BIT	540.00	13294 10981	2.20 1.40	20.00 7.40	59.477
			1974	ILL	BIT	4.00	11799 10900	3.40 3.00	12.00 10.70	89.822
			1974	IND	BIT	157.00	11478 10589	3.80 3.40	11.60 9.30	108.882
			1974	KY	BIT	1191.00	13881 10500	3.50 0.60	20.00 4.90	97.566
			1974	TENN	BIT	270.00	13589 11000	3.10 1.00	16.30 3.60	168.499
			1975	ALA	BIT	581.00	12655 11591	2.40 1.00	16.70 12.00	79.358
			1975	ILL	BIT	11.00	10900 10900	3.40 3.40	12.00 12.00	89.991
			1975	IND	BIT	22.00	11404 11150	3.70 3.20	12.60 10.20	132.530
			1975	KY	BIT	1973.99	13531 10313	3.70 0.60	23.10 3.20	119.365
			1975	TENN	BIT	349.00	13000 10322	5.00 1.00	22.60 7.00	106.517
			1975	VA	BIT	96.00	13000 11809	2.00 1.00	14.00 6.00	115.897
			1976	ALA	BIT	885.70	12710 11104	2.20 0.90	15.30 5.80	104.059
			1976	KY	BIT	1047.80	12751 11342	7.10 0.60	16.70 7.30	132.793
BOWEN	TAYLORSVILLE	3498.60	1976	TENN	BIT	534.90	12768 10513	2.80 1.20	19.40 8.40	107.670
			1976	VA	BIT	47.80	13000 10809	2.80 0.90	17.70 10.20	90.689
			1977	ALA	BIT	497.30	12525 11411	2.25 0.86	17.20 11.30	97.157
			1977	GA	BIT	0.70	12500 12500	2.50 2.50	10.00 10.00	134.400
			1977	IND	BIT	10.80	10954 10954	1.10 1.10	10.10 10.10	75.800
			1977	KY	BIT	1664.38	13468 9432	4.28 0.10	26.30 5.50	130.104
			1977	TENN	BIT	673.39	12944 9552	3.22 0.64	27.00 6.90	115.919
			1977	VA	BIT	150.40	13000 11593	3.60 0.60	15.10 2.70	118.067
			1978	ALA	BIT	375.80	12807 11835	1.90 1.30	15.10 9.70	107.780
			1978	ILL	BIT	45.40	11558 11240	3.00 2.20	10.20 8.00	123.399
			1978	KY	BIT	942.39	12924 10004	3.90 0.50	23.30 8.00	150.518
			1978	TENN	BIT	593.19	12873 9430	3.70 0.80	29.10 0.80	143.978
			1978	VA	BIT	600.20	12846 10354	3.00 0.80	24.50 9.20	156.508
			1972	KY	BIT	964.00	12600 11361	3.40 0.90	16.70 6.90	34.599
			1973	KY	BIT	2676.00	12974 11012	3.20 0.90	17.80 8.10	35.771

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1974	KY	BIT	2309.30	13066 11204	3.70 0.80	16.00 3.90	54.803
			1975	KY	BIT	5379.00	13028 10559	3.50 0.80	19.40 8.00	77.264
			1976	KY	BIT	5500.17	12777 11015	3.00 0.90	16.50 8.00	85.883
			1977	KY	BIT	6280.33	12917 11017	2.90 0.71	16.30 6.90	96.716
			1978	KY	BIT	5479.54	13136 11157	2.90 0.80	15.70 7.40	108.115
SAVANNAH ELECTRIC & POWER PORT WENTWORTH	SAVANNAH	333.90	1974	VA	BIT	9.00	12483 12483	1.70 1.70	13.30 13.30	86.889
			1978	KY	BIT	72.00	13830 11377	1.90 0.77	14.20 3.60	163.721
			1978	TENN	BIT	61.60	13193 9549	1.39 0.68	16.70 10.00	154.590
			1978	VA	BIT	23.80	13288 11378	1.32 0.86	16.10 7.50	153.902
ILLINOIS										
CENTRAL ILLINOIS PUBLIC SERVICE COFFREY	COFFREY	1005.46	1972	ILL	BIT	738.10	9534 9212	3.90 3.80	18.50 16.40	31.781
			1973	ILL	BIT	1741.60	10002 9473	3.90 3.50	16.50 14.00	35.157
			1974	ILL	BIT	1478.60	9987 9237	4.00 3.70	19.30 15.30	42.650
			1975	ILL	BIT	2258.70	11365 8243	4.90 2.40	27.70 4.80	66.741
			1976	ILL	BIT	2111.00	11858 8683	4.28 1.51	23.30 7.50	76.908
			1977	ILL	BIT	2187.40	12562 9031	3.88 2.48	21.60 8.40	89.702
			1978	ILL	BIT	2084.80	11759 9141	3.75 2.50	20.90 8.60	102.123
GRAND TOWER	GRAND TOWER	194.64	1978	WYO	BIT	127.10	10200 10000	0.60 0.40	10.00 10.00	201.091
			1972	ILL	BIT	194.80	11996 9497	4.70 1.40	25.00 6.80	37.220
			1973	ILL	BIT	413.50	11949 10800	3.60 1.60	14.00 7.50	39.354
			1974	ILL	BIT	476.20	12285 10422	5.40 2.00	19.10 7.60	52.016
			1975	ILL	BIT	536.30	12249 10563	4.20 2.10	17.70 7.80	74.182
			1976	ILL	BIT	611.06	12779 10468	3.88 1.74	15.90 7.70	82.259
			1977	ILL	BIT	511.80	12345 9797	5.27 2.28	17.90 9.00	91.983
			1978	ILL	BIT	328.10	11831 10253	3.49 2.54	15.80 9.70	110.658
			1978	KY	BIT	29.10	12895 10500	2.00 0.69	17.00 6.70	196.891
			1978	WYO	BIT	9.40	10200 10200	0.40 0.40	10.00 10.00	198.900
HUTSONVILLE	HUTSONVILLE	200.00	1972	ILL	BIT	100.30	12303 10741	4.40 1.80	15.40 7.30	39.767
			1972	IND	BIT	115.20	11008 10598	2.10 1.50	11.10 9.60	38.770
			1973	ILL	BIT	146.80	12400 11560	4.00 1.60	14.20 7.20	41.901
			1973	IND	BIT	251.60	10858 10713	2.50 2.00	11.60 9.20	40.789
			1974	ILL	BIT	159.30	12429 10672	4.60 1.70	17.70 7.70	59.345
			1974	IND	BIT	258.20	10831 10621	2.70 2.00	11.50 9.40	59.434
			1975	ILL	BIT	144.00	12397 11677	3.60 1.70	11.80 7.20	102.421
			1975	IND	BIT	226.40	11553 10643	3.90 2.00	12.10 7.90	89.261
			1976	ILL	BIT	141.89	12710 10807	3.72 2.08	13.40 8.40	93.367
			1976	IND	BIT	278.60	11851 10148	4.27 0.81	14.00 5.70	93.589
			1977	ILL	BIT	117.30	12591 10238	3.85 1.56	17.30 7.70	97.968
			1977	IND	BIT	309.20	12579 9666	4.87 0.70	19.60 5.70	101.340
			1978	ILL	BIT	41.60	11587 11045	2.28 1.75	13.10 8.60	118.084
			1978	IND	BIT	217.30	11385 10039	4.56 1.11	16.30 9.60	125.397
			1978	KY	BIT	86.90	12000 10500	3.00 1.00	18.00 7.50	199.614
HEREDOSIA	HEREDOSIA	564.06	1972	ILL	BIT	401.10	11592 10286	3.30 2.20	12.70 5.10	38.532
			1972	IND	BIT	16.70	10883 10767	3.10 3.00	10.90 10.40	39.401
			1973	ILL	BIT	783.40	11865 10201	3.40 2.70	11.20 4.00	42.115
			1973	IND	BIT	57.00	11008 10485	3.10 2.90	11.30 10.40	42.865
			1974	ILL	BIT	720.70	11271 9111	4.41 2.40	20.70 5.10	55.225
			1975	ILL	BIT	738.80	12136 9981	3.90 2.40	17.10 4.80	89.795

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
NEWTON	NEWTON	617.40	1976	ILL	BIT	730.38	12662	10083	3.60	2.33	16.50	4.80	90.104
			1977	ILL	BIT	715.70	11399	9985	3.59	1.98	15.20	4.40	105.370
			1978	ARK	BIT	4.70	12500	11383	3.00	2.91	15.70	10.00	154.125
			1978	COLO	BIT	35.80	12200	9730	0.55	0.30	11.10	7.00	211.693
			1978	ILL	BIT	419.80	11317	10580	3.20	2.45	11.70	5.50	130.982
			1978	KY	BIT	18.40	11000	8628	2.55	2.50	19.50	12.00	213.594
			1978	UTAH	BIT	34.00	11560	11250	0.50	0.47	12.50	10.70	217.689
			1978	WYO	BIT	44.10	10200	10000	0.60	0.40	10.00	10.00	191.249
			1977	ILL	BIT	22.80	12282	10000	3.10	2.48	15.00	9.20	111.913
			1977	IND	BIT	2.40	10937	10937	1.04	1.04	11.00	11.00	112.700
			1977	KY	BIT	2.50	11300	11300	1.50	1.50	15.00	15.00	134.800
			1978	COLO	BIT	5.40	10300	10300	0.30	0.30	7.00	7.00	220.900
			1978	ILL	BIT	773.10	12157	9683	3.49	1.88	20.30	10.00	117.546
			1978	IND	BIT	223.40	11085	10452	4.12	2.40	15.20	9.90	117.488
			1978	KY	BIT	249.20	12000	10402	3.43	0.81	22.40	10.00	200.613
			1978	WYO	BIT	344.90	10200	9573	0.60	0.40	17.20	10.00	185.208
CENTRAL ILLINOIS LIGHT DUCK CREEK	CANTON	441.00	1976	COLO	BIT	19.40	11071	10813	0.88	0.75	7.00	6.50	175.048
			1976	ILL	BIT	389.64	11034	10005	3.47	1.68	13.09	9.90	84.342
			1976	KY	BIT	45.91	12983	12102	0.75	0.62	11.48	7.41	132.195
			1977	COLO	BIT	492.73	12203	10076	0.85	0.27	14.08	6.50	167.737
			1977	ILL	BIT	12.91	10400	10400	3.43	3.43	8.21	8.21	91.440
			1977	KY	BIT	202.25	13080	11510	1.10	0.30	12.73	5.94	143.215
			1978	COLO	BIT	409.78	11524	9922	0.67	0.27	11.36	4.98	176.528
			1978	ILL	BIT	678.61	10741	10027	3.48	1.95	12.55	8.95	111.150
	PEORIA	779.80	1972	ILL	BIT	834.18	10829	10190	2.70	2.20	10.40	6.50	32.378
			1973	ILL	BIT	1715.13	12347	8857	3.20	1.30	29.10	5.60	42.225
			1973	KY	BIT	2.21	11841	11841	1.70	1.70	6.90	6.90	74.900
			1974	ILL	BIT	1816.19	11821	9347	3.90	1.10	17.40	6.10	59.709
			1974	KY	BIT	25.00	11812	10927	3.50	2.10	12.80	8.00	86.352
			1974	MONT	SUB	61.50	8369	7304	0.50	0.50	23.60	15.30	117.985
			1975	ILL	BIT	1166.10	11138	9451	3.50	1.70	16.70	9.40	74.223
			1975	MONT	SUB	573.70	8886	7810	0.59	0.20	14.90	7.50	116.290
			1976	ILL	BIT	1159.99	11506	9857	3.21	1.96	13.50	6.20	74.287
			1976	KY	BIT	10.80	12802	11227	0.86	0.61	15.10	7.90	138.092
			1976	MONT	SUB	768.68	8580	8151	0.86	0.31	10.70	8.90	129.534
			1977	ILL	BIT	795.46	11089	9834	3.33	1.87	15.22	7.46	88.039
			1977	KY	BIT	0.64	12946	12946	0.74	0.74	5.97	5.97	164.870
			1977	MONT	SUB	640.83	8721	8450	0.79	0.30	11.07	8.88	138.125
			1978	COLO	BIT	98.80	11931	10207	0.75	0.28	11.66	6.90	180.270
WALLACE	EAST PEORIA	305.03	1978	ILL	BIT	432.66	10876	9839	3.08	1.87	14.81	9.14	98.397
			1978	KY	BIT	3.71	12968	12319	1.38	0.59	8.58	5.45	179.486
			1978	MONT	SUB	776.68	8748	8496	0.77	0.60	10.84	9.60	150.987
			1972	ILL	BIT	225.78	11044	10319	3.40	2.00	10.50	5.70	33.327
			1973	ILL	BIT	378.52	11361	9541	3.90	2.20	13.20	6.10	39.240
			1974	ILL	BIT	296.20	10986	9808	3.20	1.90	11.90	6.00	56.496
			1974	MONT	SUB	33.90	8965	8619	0.50	0.30	9.10	8.30	99.806
			1975	ILL	BIT	205.20	11347	9192	3.60	1.50	18.30	7.10	73.584
			1975	MONT	SUB	303.00	8746	7840	0.70	0.30	12.20	7.30	121.147
			1976	KY	BIT	53.59	13123	11595	0.77	0.61	12.24	3.57	142.393
			1976	MONT	SUB	298.80	8573	8387	0.85	0.33	10.45	7.80	129.124
			1977	KY	BIT	289.73	13665	12025	1.10	0.58	15.43	4.31	164.048
			1978	COLO	BIT	2.12	9627	9627	0.64	0.64	10.17	10.17	197.400

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
			1978	KY	BIT	158.74	13324	12519	1.38	0.59	8.78	5.45	189.529
COMMONWEALTH EDISON FISK	CHICAGO	374.08	1972	MONT	SUB	235.00	9748	8623	0.70	0.30	8.70	3.50	66.721
			1972	WYO	SUB	82.00	9434	9265	0.60	0.60	6.30	5.60	64.776
			1973	ILL	BIT	3.00	9606	9606	4.10	4.10	15.60	15.60	47.600
			1973	MONT	SUB	1038.00	9724	8628	0.60	0.30	8.50	3.20	68.950
			1974	ILL	BIT	0.30	10534	10534	3.70	3.70	8.70	8.70	48.700
			1974	MONT	SUB	920.00	9826	8481	0.80	0.30	8.40	3.70	78.109
			1975	MONT	SUB	1338.30	9728	8667	0.70	0.40	8.40	3.80	94.258
			1976	MONT	SUB	756.00	9820	9602	0.41	0.35	4.60	4.00	100.896
			1976	WYO	SUB	5.00	9376	9376	0.47	0.47	4.70	4.70	150.800
			1977	MONT	SUB	881.00	9721	9411	0.40	0.32	4.60	3.50	119.338
			1977	WYO	SUB	130.00	9425	9182	0.58	0.46	6.20	4.70	157.902
			1978	MONT	SUB	489.00	9699	9372	0.48	0.32	4.60	3.80	145.336
			1978	WYO	SUB	97.90	9819	8424	0.73	0.45	10.90	5.60	159.790
	CHICAGO	597.52	1972	MONT	SUB	422.00	9748	8623	0.70	0.30	9.00	3.50	66.760
			1972	WYO	SUB	26.00	9434	9265	0.60	0.60	6.30	5.60	64.918
			1973	ILL	BIT	1.00	9778	9778	4.00	4.00	15.20	15.20	45.800
			1973	MONT	SUB	1343.00	9724	8628	0.70	0.30	8.70	3.20	68.967
			1974	MONT	SUB	1327.00	9826	8473	1.40	0.30	8.50	3.70	77.814
			1975	MONT	SUB	1369.00	9728	8667	0.70	0.40	8.40	3.80	94.198
			1976	MONT	SUB	1064.00	9820	9602	0.41	0.35	4.60	4.00	108.243
			1976	WYO	SUB	22.00	9388	9376	0.50	0.47	4.70	4.50	150.609
			1977	ILL	BIT	0.50	10164	10164	3.74	3.74	10.70	10.70	91.200
			1977	MONT	SUB	761.10	9721	9411	0.40	0.32	4.30	3.50	116.651
			1977	WYO	SUB	347.40	9425	9182	0.58	0.44	6.20	4.60	157.615
			1978	MONT	SUB	549.00	9699	9372	0.48	0.32	4.60	3.80	145.284
			1978	WYO	SUB	258.40	9819	9174	0.73	0.47	10.90	5.40	174.879
	DIXON	119.00	1972	ILL	BIT	18.00	9713	9646	3.90	3.90	15.80	15.60	64.545
			1972	IND	BIT	36.00	10693	10430	1.40	1.20	14.60	12.90	57.674
			1972	KY	BIT	35.00	13381	12873	0.90	0.80	5.70	3.60	62.368
			1973	ILL	BIT	282.00	10765	9606	4.20	2.30	15.80	7.60	56.077
			1973	KY	BIT	48.00	13549	12886	1.30	1.10	7.40	4.20	70.469
			1974	ILL	BIT	222.00	10732	9466	4.30	2.40	17.00	7.10	66.363
			1974	WYO	SUB	3.00	9807	9807	0.40	0.40	8.20	8.20	63.100
			1975	ILL	BIT	174.00	10205	9319	4.30	2.50	17.00	9.00	87.013
			1975	KY	BIT	4.00	11613	11613	3.20	3.20	9.90	9.90	121.800
			1975	KY	SUB	5.20	11848	11848	1.50	1.50	6.30	6.30	147.600
			1975	UTAH	BIT	10.00	11234	10656	1.20	0.70	10.60	9.30	164.385
			1975	WYO	SUB	34.30	10056	9675	0.70	0.30	13.00	7.10	63.925
			1976	ILL	BIT	201.00	10660	10332	2.73	2.50	9.10	7.80	112.266
			1977	ILL	BIT	192.00	10440	10144	2.69	2.49	9.50	8.00	124.989
			1978	ILL	BIT	32.00	10677	10379	2.67	2.13	9.10	8.60	136.070
			1978	WYO	SUB	21.00	9985	9721	0.67	0.54	12.00	10.00	98.934
JOLIET	JOLIET	1680.40	1972	ILL	BIT	1379.00	10826	10570	3.60	3.30	14.60	12.50	26.786
			1972	MONT	SUB	370.00	8675	8623	0.70	0.60	9.00	8.30	60.205
			1973	ILL	BIT	2763.00	10647	9626	4.00	3.10	15.80	8.20	27.636
			1973	MONT	SUB	1068.00	9688	8574	0.80	0.30	8.80	4.00	64.125
			1974	--	PC	2.00	14328	14235	4.40	4.40	0.30	0.30	42.350
			1974	ILL	BIT	1589.00	11006	9466	4.20	3.60	16.80	8.00	33.432
			1974	MONT	SUB	1721.00	9826	8647	0.80	0.30	8.80	3.70	73.501
			1975	--	PC	5.00	13933	13933	4.10	4.10	0.60	0.60	60.400
			1975	ILL	BIT	753.00	10816	10453	4.00	3.50	16.00	12.40	43.902

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/HBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
KINCAID	KINCAID	1319.40	1975	MONT	SUB	2949.00	9728	8445	1.00	0.40	9.30	3.80	91.561
			1976	MONT	SUB	2915.00	9820	8564	0.97	0.35	9.50	4.00	105.803
			1977	MONT	SUB	1969.00	9721	8682	0.80	0.32	8.50	3.50	109.632
			1977	WYO	SUB	796.00	10661	9425	0.92	0.49	12.90	5.30	134.873
			1978	MONT	SUB	1410.00	9699	9372	0.48	0.32	4.60	3.80	135.941
			1978	WYO	SUB	1808.30	10814	9174	1.12	0.47	15.30	5.60	156.277
			1972	ILL	BIT	1683.00	9749	9592	4.10	3.90	16.60	15.50	30.623
			1973	ILL	BIT	2612.00	9813	9606	4.20	3.80	15.80	14.30	34.862
			1974	ILL	BIT	2706.00	9784	9466	4.30	4.00	17.00	15.20	43.639
			1975	ILL	BIT	2526.00	9654	9319	4.30	4.00	17.00	15.60	57.157
			1976	ILL	BIT	1888.00	10347	9532	4.56	4.09	16.90	13.60	71.830
			1977	ILL	BIT	2611.00	10233	9522	4.48	3.61	16.30	9.50	97.034
POWERTON	PEKIN	1785.60	1978	ILL	BIT	2058.00	10216	9365	4.02	3.51	15.20	10.30	127.160
			1972	ILL	BIT	843.00	10683	10583	3.70	3.60	8.40	7.70	33.107
			1973	ILL	BIT	2416.10	10667	9606	4.10	3.50	15.60	7.80	37.048
			1973	MONT	SUB	10.00	9627	9627	0.30	0.30	3.90	3.90	65.800
			1974	ILL	BIT	1813.00	10689	9629	4.20	3.60	16.30	7.90	40.238
			1974	MONT	SUB	60.00	9691	9467	0.40	0.30	4.10	4.00	66.495
			1975	ILL	BIT	2801.00	10618	10502	3.70	3.60	9.20	8.60	50.608
			1975	MONT	SUB	228.00	9728	9639	0.50	0.40	4.30	3.80	76.935
			1976	ILL	BIT	4633.00	10793	9548	4.55	2.53	16.90	7.80	56.999
			1976	MONT	SUB	279.00	9820	9650	0.39	0.37	4.40	4.00	101.991
			1977	ILL	BIT	3003.00	10881	9642	4.48	2.49	16.30	8.00	60.937
			1978	ILL	BIT	2718.00	10703	10297	3.74	3.49	16.10	9.10	69.432
SABROOKE	ROCKFORD	149.70	1978	MONT	SUB	438.50	9699	9372	0.48	0.33	4.60	3.80	122.630
			1978	WYO	SUB	235.00	9268	9174	0.69	0.47	7.00	5.70	152.879
			1972	ILL	BIT	2.00	9592	9592	4.10	4.10	16.60	16.60	67.000
			1972	KY	BIT	56.00	12311	11887	1.00	0.80	12.10	9.90	61.751
			1973	ILL	BIT	3.00	13150	9611	4.10	2.50	15.30	9.80	53.511
			1973	KY	BIT	136.00	12449	10478	1.20	0.80	15.60	10.30	65.560
			1974	ILL	BIT	142.00	9784	9466	4.30	4.00	17.00	15.20	76.715
			1974	KY	BIT	1.00	11896	11896	1.10	1.10	13.20	13.20	69.100
			1972	ILL	BIT	498.00	11224	9592	4.10	2.00	16.60	7.30	29.514
			1972	KY	BIT	80.00	13381	11828	0.90	0.80	12.60	3.60	59.988
			1972	WYO	SUB	494.00	10005	9265	0.60	0.40	11.50	6.30	52.178
			1973	ILL	BIT	642.00	10832	9611	4.20	2.20	15.30	7.60	35.572
WAUKEGAN	WAUKEGAN	802.70	1973	KY	BIT	48.00	11725	11400	1.20	0.90	15.60	13.00	64.567
			1973	WYO	SUB	1341.00	11148	9599	0.50	0.30	10.80	6.90	54.925
			1974	ILL	BIT	403.00	10689	9506	4.30	3.60	15.90	7.90	57.855
			1974	MONT	SUB	10.00	9727	9727	0.30	0.30	3.80	3.80	71.000
			1974	WYO	SUB	1126.00	11300	9798	0.50	0.30	9.60	6.50	57.880
			1975	ILL	BIT	223.10	10616	9319	4.20	3.60	17.00	8.60	71.005
			1975	ILL	SUB	50.00	9666	9666	0.40	0.40	4.10	4.10	83.900
			1975	MONT	SUB	121.00	9703	9620	0.40	0.40	4.00	3.90	83.547
			1975	WYO	SUB	1509.00	10056	9675	0.70	0.30	13.00	7.10	65.668
			1976	MONT	SUB	218.00	9718	9602	0.39	0.35	4.50	4.20	99.707
			1976	WYO	SUB	1480.00	9941	9728	0.59	0.37	11.90	8.10	75.344
			1977	ILL	BIT	12.10	10850	10456	3.69	3.59	13.30	9.40	64.317
WILL COUNTY	JOLIET	1268.85	1977	MONT	SUB	184.00	9721	9411	0.40	0.34	4.30	4.10	109.639
			1977	WYO	SUB	1523.00	10023	9182	0.64	0.47	12.40	5.20	99.117
			1978	MONT	SUB	462.00	9699	9372	0.48	0.33	4.60	3.80	135.089
			1978	WYO	SUB	1457.00	9985	9174	0.74	0.46	15.20	5.60	121.607
			1972	ILL	BIT	311.00	10636	9592	4.10	3.60	16.60	7.90	41.217
			1972	MONT	SUB	1020.00	9748	8623	0.70	0.30	9.00	3.50	65.934

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COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1972	WYO	SUB	85.00	10005 9265	0.60 0.30	9.60 5.60	67.737
			1973	COLO	SUB	21.00	10916 10916	0.60 0.60	8.20 8.20	90.224
			1973	ILL	BIT	895.00	10667 9606	4.20 3.50	15.80 7.80	46.950
			1973	MONT	SUB	1703.00	9724 8574	0.70 0.30	8.70 3.20	68.742
			1974	--	PC	66.00	14373 14003	4.70 4.20	0.50 0.20	38.970
			1974	ILL	BIT	668.00	10689 9466	4.30 3.60	17.00 7.90	52.018
			1974	MONT	SUB	1870.00	9826 8473	1.40 0.30	8.50 3.70	77.202
			1974	WYO	SUB	58.00	10046 10017	0.40 0.40	8.10 7.90	82.819
			1975	ILL	BIT	165.90	10578 9319	4.30 3.60	17.00 8.60	70.668
			1975	MONT	SUB	2378.00	9728 8602	0.70 0.40	8.40 3.80	94.787
			1976	ILL	BIT	277.10	10631 9532	4.55 3.66	16.90 13.60	87.269
			1976	MONT	SUB	2556.00	9820 9602	0.41 0.35	4.60 4.00	108.281
			1976	WYO	SUB	50.00	9388 9376	0.50 0.47	4.70 4.50	150.580
			1977	ILL	BIT	37.00	10233 9791	4.07 3.61	12.90 9.50	103.491
			1977	MONT	SUB	1737.00	9721 9411	0.40 0.32	4.60 3.50	116.202
			1977	WYO	SUB	697.00	9425 9182	0.58 0.44	6.20 4.60	157.356
			1978	ILL	BIT	2.20	10199 10059	3.77 3.51	11.90 10.30	117.160
			1978	MONT	SUB	1563.00	9699 8621	0.66 0.32	9.50 3.80	147.146
			1978	WYO	SUB	643.10	9819 9174	0.73 0.47	10.90 5.40	170.594
ELECTRIC ENERGY JOPPA	JOPPA	1100.25	1972	ILL	BIT	984.46	12195 10981	4.20 1.70	14.00 7.40	36.802
			1972	KY	BIT	694.60	11492 10501	3.80 2.40	15.60 10.20	31.788
			1973	ILL	BIT	1736.30	12239 9921	4.60 1.30	21.80 7.70	40.324
			1973	IND	BIT	89.50	11128 10770	2.90 2.70	10.10 9.70	42.178
			1973	KY	BIT	1244.10	11560 10567	3.90 1.80	15.90 8.20	33.826
			1974	ILL	BIT	2116.99	12303 7500	4.60 1.30	28.40 7.80	58.016
			1974	IND	BIT	161.60	11150 9991	4.70 2.70	16.70 9.40	87.677
			1974	KY	BIT	907.40	11819 9565	4.30 2.20	22.00 8.90	63.164
			1975	ILL	BIT	2404.00	12337 10533	4.60 1.90	15.10 7.60	95.047
			1975	IND	BIT	129.00	11498 10536	3.80 1.90	15.00 8.00	94.757
			1975	KY	BIT	882.00	11766 10470	3.80 2.20	16.10 8.10	83.503
			1975	WYO	SUB	9.00	8436 8436	0.60 0.60	6.50 6.50	113.700
			1976	ILL	BIT	2184.00	12378 10801	4.42 1.04	14.50 7.30	96.914
			1976	IND	BIT	27.00	11233 10734	3.65 1.09	11.60 7.40	81.294
			1976	KY	BIT	924.00	12927 10292	3.72 0.64	16.70 6.60	94.420
			1976	W.V.	BIT	10.00	11778 11778	0.89 0.89	13.00 13.00	91.100
			1977	--	PC	42.00	14028 13580	4.71 4.52	1.50 0.84	62.643
			1977	ILL	BIT	1808.00	12409 10447	4.14 1.02	19.20 7.00	102.292
			1977	IND	BIT	3.00	10875 10875	0.82 0.82	6.30 6.30	112.100
			1977	KY	BIT	1097.00	12093 10053	3.60 0.86	20.70 9.20	113.557
			1977	TENN	BIT	27.00	11581 9983	2.41 1.11	23.90 13.10	148.491
			1978	--	PC	5.00	13814 13814	4.77 4.77	0.40 0.40	63.100
			1978	ALA	BIT	47.78	10546 9080	1.29 0.83	31.40 22.50	161.209
			1978	ILL	BIT	1291.00	12413 10337	3.45 0.95	18.70 7.30	120.794
			1978	IND	BIT	146.05	12294 10624	2.83 1.21	12.00 7.50	132.009
			1978	KY	BIT	1006.74	12759 10100	5.26 0.52	16.20 6.40	137.735
			1978	OKLA	BIT	8.00	11301 10671	1.34 1.28	11.60 10.40	164.636
			1978	TENN	BIT	10.00	10137 10137	0.91 0.91	23.90 23.90	159.900
			1978	VA	BIT	1.00	11262 11262	1.40 1.40	8.10 8.10	164.300
			1978	W.V.	BIT	54.00	12603 12058	2.17 1.49	12.30 10.30	138.580
ILLINOIS POWER HAVANA	HAVANA	718.48	1977	KY	BIT	77.70	13026 11489	0.84 0.62	10.71 6.12	154.285

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COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
HENNEPIN	HENNEPIN	306.25	1978	COLO	BIT	9.76	10662	10662	0.21	0.21	6.93	6.93	178.580
			1978	KY	BIT	306.68	13437	11944	0.79	0.53	12.54	5.08	183.848
			1972	ALA	BIT	1.40	13250	13250	0.80	0.80	5.30	5.30	58.440
			1972	ILL	BIT	266.21	10946	10358	3.20	2.50	11.10	6.90	38.682
			1973	--	PC	44.55	14312	13646	4.56	3.85	1.01	0.23	29.393
			1973	ALA	BIT	1.37	13144	13144	0.85	0.85	5.33	5.33	58.440
			1973	ILL	BIT	539.56	11774	10057	3.30	0.72	18.26	5.23	43.480
			1973	IND	BIT	15.20	10798	10798	2.84	2.84	10.59	10.59	46.150
			1973	KY	BIT	39.05	11040	10357	3.98	3.15	16.65	10.66	49.478
			1974	--	PC	121.65	14287	13592	4.36	3.75	9.20	0.43	35.705
			1974	ILL	BIT	276.51	10785	8178	3.40	2.47	21.04	9.80	55.584
			1974	KY	BIT	122.29	10914	9501	4.02	2.97	22.72	12.10	74.141
			1974	MONT	SUB	19.99	8604	8283	0.67	0.60	11.98	10.28	92.900
			1974	OHIO	BIT	27.93	10808	10355	2.83	2.70	13.75	12.81	118.520
			1974	OHIO	SUB	11.17	10419	10419	2.80	2.80	14.28	14.28	130.650
			1974	WYO	BIT	11.95	8250	8250	0.56	0.56	6.51	6.51	113.050
			1974	WYO	SUB	23.55	8171	8101	0.74	0.58	10.74	6.83	115.550
			1975	--	PC	3.85	14195	13741	4.29	3.98	1.79	1.20	59.650
			1975	ILL	BIT	560.84	12467	9930	3.74	0.68	13.80	5.18	87.037
			1975	IND	BIT	2.88	11113	11113	1.30	1.30	7.90	7.90	99.390
			1975	KY	BIT	121.43	11431	9471	4.00	2.60	22.70	9.54	91.632
			1975	MONT	SUB	17.96	8159	8061	0.57	0.56	10.64	9.52	118.400
			1975	OHIO	BIT	9.10	11521	10025	2.85	1.53	15.35	9.49	104.033
			1976	--	PC	21.95	14308	13781	4.54	4.23	1.17	0.43	61.040
			1976	ALA	BIT	4.74	10637	10347	1.62	1.22	16.77	14.65	85.240
			1976	ILL	BIT	218.40	11984	9430	5.90	2.86	19.53	9.64	92.685
			1976	IND	BIT	42.25	11355	10396	3.74	1.88	13.19	7.22	88.275
			1976	KY	BIT	462.67	12722	9687	4.05	0.50	17.14	8.01	90.479
			1977	ILL	BIT	559.20	12760	9646	3.49	0.58	16.36	8.36	97.760
			1977	IND	BIT	137.01	11494	10055	3.98	1.10	14.99	6.50	110.277
			1977	KY	BIT	72.87	12680	10828	2.27	0.55	14.55	8.70	128.464
			1977	W. V.	BIT	2.97	12220	12170	1.44	0.81	12.11	11.50	137.420
			1978	--	PC	16.06	14228	13585	5.10	3.26	1.81	0.31	56.828
			1978	ILL	BIT	370.12	11126	5147	3.22	0.77	40.75	6.22	117.995
			1978	IND	BIT	213.22	11299	9590	6.46	1.26	17.97	9.73	124.911
			1978	KY	BIT	128.15	12972	9269	3.02	0.68	16.15	5.54	138.177
VERMILION	OAKWOOD	182.30	1972	ILL	BIT	269.81	11545	10091	4.10	2.40	12.60	9.10	40.580
			1972	IND	BIT	1	11180	11180	3.00	3.00	11.10	11.10	42.050
			1973	ILL	BIT	373.74	11040	9117	4.25	2.70	13.40	10.10	43.752
			1973	KY	BIT	5.43	12074	11401	1.73	0.80	12.16	10.00	64.333
			1974	ILL	BIT	435.63	10979	10242	4.25	2.64	13.40	10.41	67.757
			1975	ILL	BIT	450.29	10832	10416	3.23	2.97	14.04	11.09	92.802
			1975	IND	BIT	12.09	11349	11018	3.44	3.21	9.92	9.71	104.541
			1976	ILL	BIT	513.20	11087	10116	3.62	2.58	16.15	10.21	92.846
			1977	ILL	BIT	453.24	11067	9818	3.46	2.12	16.64	10.16	101.663
			1977	IND	BIT	18.29	10311	9707	3.28	2.90	16.48	15.19	109.380
			1978	--	PC	7.31	14096	13972	4.68	4.26	0.93	0.56	82.582
			1978	ILL	BIT	389.08	11346	10624	3.86	2.14	13.58	9.91	122.471
WOOD RIVER	EAST ALTON	650.10	1978	IND	BIT	40.94	11681	9509	3.88	1.75	18.19	8.66	122.220
			1972	ILL	BIT	618.92	11099	10097	3.10	1.80	17.10	10.00	26.285
			1973	ILL	BIT	996.31	11114	9923	3.10	1.99	17.93	9.87	27.281
			1973	WYO	BIT	12.16	9728	9728	0.36	0.36	9.55	9.55	85.010
			1973	WYO	SUB	10.06	10274	9858	0.46	0.42	11.66	10.26	89.680
			1974	ILL	BIT	713.10	11116	10458	3.61	2.95	12.71	9.98	34.114

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
BALDWIN	BALDWIN	1892.05	1974	WYO	SUB	10.00	8403 8403	0.64 0.64	10.89 10.89	113.730
			1975	COLO	BIT	10.25	10320 10320	0.55 0.55	10.41 10.41	188.370
			1975	ILL	BIT	949.38	10940 10286	3.40 0.73	14.73 8.66	50.630
			1975	IND	BIT	4.26	11243 11216	3.12 3.09	9.80 9.50	105.223
			1975	KY	BIT	42.61	12828 12382	0.77 0.57	11.02 6.33	142.346
			1975	MONT	SUB	32.57	8548 8548	0.79 0.79	11.49 11.49	113.430
			1975	UTAH	BIT	10.00	11307 11307	0.65 0.65	7.97 7.97	185.760
			1975	WYO	BIT	14.46	9979 9668	0.59 0.44	12.01 8.06	152.344
			1976	COLO	BIT	782.76	11152 10928	0.61 0.55	9.94 7.34	138.611
			1976	ILL	BIT	203.64	11529 10358	3.33 2.40	16.69 8.47	78.014
			1976	KY	BIT	22.61	11867 11067	3.18 1.88	11.81 9.20	89.733
			1977	ALA	BIT	2.23	11910 11910	0.78 0.78	12.45 12.45	100.000
			1977	COLO	BIT	916.68	11637 10916	0.79 0.52	11.12 8.39	146.918
			1978	COLO	BIT	1105.04	11866 10444	0.70 0.39	14.31 6.08	162.929
			1972	ILL	BIT	765.74	10018 9789	4.20 3.80	19.60 18.30	21.650
			1973	ILL	BIT	3003.60	10580 9743	3.97 2.90	19.84 11.04	25.464
			1974	ILL	BIT	3740.56	10550 7661	3.27 2.20	20.17 10.79	35.706
			1974	WYO	BIT	14.92	10939 10362	0.50 0.38	10.08 7.97	114.710
			1975	ILL	BIT	4087.09	10599 10339	3.15 2.90	11.50 10.41	46.916
			1975	WYO	BIT	81.25	10658 9904	0.77 0.49	12.16 6.99	141.020
			1976	ILL	BIT	5056.94	11300 10439	3.42 2.57	13.27 9.37	59.197
			1977	ILL	BIT	4066.87	11107 10245	3.28 2.81	12.69 6.97	76.893
			1977	WYO	BIT	173.88	10350 9676	1.34 0.42	12.24 9.60	174.403
			1978	ILL	BIT	4440.35	10977 10205	3.24 2.69	12.41 9.85	97.761
			1978	WYO	BIT	208.46	9867 9731	1.74 0.80	13.77 12.02	180.350
PERU UTILITIES PERU	PERU	30.00	1972	IND	BIT	5.04	11600 11600	3.20 3.20	11.00 11.00	48.000
			1973	IND	BIT	5.35	11800 11800	3.20 3.20	11.00 11.00	49.000
SOUTHERN ILLINOIS POWER COOP MARION	MARION	99.00	1972	ILL	BIT	204.99	12113 7805	6.30 1.20	29.10 4.40	25.389
			1973	ILL	BIT	373.90	12221 7800	6.60 1.90	33.20 6.40	31.641
			1974	ILL	BIT	394.13	11786 6262	6.10 1.90	32.50 4.00	54.024
			1975	ILL	BIT	307.77	12238 6703	6.30 1.60	33.70 6.70	68.708
			1976	ILL	BIT	399.78	11845 8035	6.19 1.34	25.30 9.72	61.600
			1977	ILL	BIT	476.12	11996 7311	5.17 1.09	28.70 7.65	70.347
			1977	IND	BIT	2.22	11259 11259	2.34 2.34	7.90 7.90	114.800
			1978	ILL	BIT	656.52	11875 7406	4.04 0.91	26.20 8.00	93.878
SPRINGFIELD WTR LT & PWR DEPT DALLMAN	SPRINGFIELD	372.50	1972	--	PC	14.80	14200 13711	4.70 4.00	0.90 0.30	40.000
			1972	ILL	BIT	223.70	11796 9113	4.00 2.40	18.80 5.10	39.004
			1973	--	PC	70.60	14425 13929	4.50 3.20	0.60 0.40	40.428
			1973	ILL	BIT	395.00	12100 9532	4.30 0.90	18.20 6.40	39.626
			1974	--	PC	38.60	14200 14200	4.00 4.00	0.50 0.50	42.084
			1974	ILL	BIT	394.90	10900 8018	4.31 2.60	24.40 4.10	51.343
			1974	ILL	PC	5.70	14200 14200	4.00 4.00	0.50 0.50	51.500
			1975	--	PC	29.50	13800 13800	5.00 4.50	1.00 1.00	96.822
			1975	ILL	BIT	450.10	12000 7513	4.50 0.80	26.10 10.20	99.808
			1975	ILL	PC	9.30	13800 13800	4.50 4.50	1.00 1.00	112.900
			1975	KY	BIT	6.30	12000 8732	3.00 2.70	29.30 11.00	96.334
			1975	TENN	BIT	3.00	11228 11228	1.00 1.00	15.00 15.00	85.000
			1976	--	PC	39.10	14000 14000	5.00 5.00	1.00 0.00	80.701

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/HBTU
LAKESIDE	SPRINGFIELD	146.00	1976	ILL	BIT	419.04	11200 8000	4.30 2.50	41.00 4.10	94.891
			1976	TENN	BIT	1.40	11200 11000	2.50 2.50	15.00 15.00	87.952
			1977	--	PC	45.20	14000 10500	5.00 1.00	11.50 0.00	75.999
			1977	ILL	BIT	424.58	11200 8000	4.30 1.00	24.40 4.10	98.249
			1977	ILL	PC	7.90	14000 14000	4.30 4.30	1.00 1.00	76.000
			1977	MO	BIT	0.01	10500 10500	3.46 3.46	14.00 14.00	95.200
			1978	--	PC	40.40	14000 10500	4.30 0.00	1.00 0.00	79.587
			1978	ILL	BIT	344.60	14000 8000	4.30 1.50	24.40 1.00	115.872
			1978	ILL	PC	6.90	14000 14000	4.30 4.30	1.00 1.00	79.800
			1978	KY	BIT	2.40	11500 11000	4.00 4.00	11.00 11.00	200.738
			1978	MO	BIT	28.60	10500 10500	3.40 3.40	14.00 14.00	98.064
			1978	OKLA	BIT	2.00	11500 11000	4.50 4.50	13.00 13.00	192.438
			1972	--	PC	1.70	14200 13876	4.80 3.50	0.50 0.50	40.000
			1972	ILL	BIT	82.90	11825 9258	4.00 2.60	16.70 4.80	39.947
			1973	--	PC	12.95	14398 13929	4.50 3.20	0.90 0.40	40.195
			1973	ILL	BIT	178.71	10991 9532	4.30 2.60	18.10 9.40	40.617
			1974	--	PC	0.80	14200 14200	4.00 4.00	0.50 0.50	42.100
			1974	ILL	BIT	181.49	10900 8161	4.30 2.60	24.40 10.30	50.786
			1975	ILL	BIT	182.80	12000 8018	4.50 1.50	24.40 10.20	108.965
			1975	IND	BIT	1.70	11200 11200	3.00 3.00	11.00 10.00	125.100
			1975	KY	BIT	1.50	9000 8732	2.70 2.70	29.30 29.30	119.578
			1975	OKLA	BIT	0.30	11000 11000	3.70 3.70	11.30 11.30	103.700
			1976	--	PC	0.60	14000 14000	5.00 5.00	1.00 1.00	80.700
			1976	ILL	BIT	225.10	11000 9959	4.30 2.60	20.40 4.10	100.366
			1977	--	PC	12.60	14500 10500	4.30 1.00	11.50 1.00	75.938
			1977	ILL	BIT	239.50	11200 10000	4.30 1.00	20.40 4.10	103.612
			1978	--	PC	11.00	14000 10500	4.30 0.00	1.00 0.00	79.472
			1978	ILL	BIT	241.30	11000 8000	3.50 1.50	24.40 8.30	118.924
			1978	KY	BIT	5.60	11500 11000	4.00 4.00	11.00 11.00	200.791
			1978	MO	BIT	14.10	10500 10500	3.40 3.40	14.00 4.60	96.853
			1978	OKLA	BIT	7.70	12000 11000	4.50 3.50	13.00 11.00	158.316
UNION ELECTRIC CAHOKIA	SAUGET	RET	1972	ILL	BIT	103.00	11100 11100	3.40 3.40	10.00 10.00	35.134
			1973	ILL	BIT	104.00	11100 11100	3.40 3.40	10.00 10.00	38.826
	VENICE #2	474.00	1972	ILL	BIT	445.00	12000 11000	3.40 1.30	11.60 7.50	32.456
			1973	ILL	BIT	419.00	12000 11060	3.40 1.30	11.10 7.30	48.358
			1973	KY	BIT	34.00	13500 11400	1.40 0.80	12.00 8.10	58.602
			1974	ILL	BIT	323.00	12000 9200	4.00 1.30	12.00 7.30	53.684
			1974	KY	BIT	20.00	12400 11000	1.50 1.40	12.00 8.10	181.275
			1974	OHIO	BIT	79.00	10500 10500	3.00 3.00	18.00 15.00	162.704
			1974	VA	BIT	2.00	11600 11600	1.60 1.60	11.00 11.00	169.500
			1974	WYO	BIT	10.00	10800 10800	0.60 0.55	11.00 11.00	116.600
			1975	ILL	BIT	6.00	11200 10937	3.10 3.10	10.10 10.10	74.760
			1975	IND	BIT	3.00	11300 11300	0.60 0.60	10.00 10.00	102.400
			1975	KY	BIT	119.00	13100 13100	0.93 0.80	7.00 7.00	141.734
			1975	WYO	BIT	212.00	10800 10800	0.60 0.55	11.00 11.00	117.912
			1976	KY	BIT	253.00	13266 12542	1.00 0.65	7.70 5.10	147.151
			1977	ILL	BIT	4.00	12000 12000	1.25 1.25	10.00 10.00	107.800
			1977	KY	BIT	12.00	13200 13100	1.00 1.00	7.00 7.00	137.410
W ILLINOIS PWR COOP PEARL (GTS)	JACKSONVILLE	22.00	1974	--	PC	1.22	14200 14200	4.00 4.00	0.50 0.50	94.300
			1974	ILL	BIT	10.90	10962 10962	3.30 3.30	11.00 11.00	56.041

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COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1975	ILL	BIT	77.72	11000 10900	3.30 2.50	12.00 11.00	84.024
			1976	ILL	BIT	73.34	11200 10900	3.40 3.20	12.00 11.00	87.296
			1977	ILL	BIT	65.13	11450 9000	3.20 3.20	12.00 12.00	87.425
			1977	IND	BIT	13.15	12270 9375	3.20 2.10	23.51 1.00	88.101
			1978	ILL	BIT	2.16	10500 9200	3.20 3.20	12.00 12.00	94.100
			1978	IND	BIT	62.79	11943 8995	3.20 2.53	13.20 8.80	106.681
			1978	KY	BIT	2.90	10313 8976	3.30 2.62	16.20 15.70	102.552
			WINNETKA, VILLAGE OF WINNETKA	WINNETKA	22.50	1972	VA	BIT	2.34	13000 13000
1972	W.V.	BIT				11.49	13000 13000	0.80 0.80	6.85 6.80	76.900
1973	W.V.	BIT				11.18	13000 13000	0.80 0.80	6.85 6.85	76.900
1974	W.V.	BIT				6.83	13101 13000	0.73 0.70	6.73 6.70	127.212
1975	W.V.	BIT				0.28	13800 13800	0.70 0.70	6.70 6.70	213.000
1975	WYO	BIT				6.25	10700 10700	0.69 0.69	3.50 3.45	171.334
1976	WYO	BIT				3.34	10700 10100	0.69 0.69	3.45 3.45	207.609
1977	WYO	BIT				6.16	10100 10100	0.69 0.69	3.45 3.45	243.879
1978	WYO	BIT	1.97	10100 10100	0.69 0.69	3.45 3.45	269.982			
INDIANA										

COMMONWEALTH EDISON-INDIANA STATE LINE	HAMMOND	613.96	1972	ILL	BIT	354.00	11224 10502	3.30 3.00	13.00 10.10	25.854
			1972	IND	BIT	13.00	10653 10241	1.60 1.20	14.00 13.80	49.200
			1972	MONT	SUB	270.00	8675 8623	0.70 0.60	9.00 8.30	57.277
			1972	WYO	SUB	344.00	10586 9682	0.40 0.30	11.50 6.30	53.800
			1973	ILL	BIT	920.00	10947 9611	4.20 2.90	15.30 10.30	29.390
			1973	MONT	SUB	499.00	8792 8574	0.80 0.60	8.80 8.00	60.552
			1973	WYO	SUB	996.00	11148 9599	0.50 0.30	10.80 6.90	58.948
			1974	ILL	BIT	649.00	11006 9661	4.30 3.60	15.70 8.30	39.518
			1974	MONT	BIT	61.00	10784 10784	3.70 3.70	13.70 13.70	34.700
			1974	MONT	SUB	592.00	9826 9602	0.40 0.30	4.20 3.70	77.245
			1974	WYO	SUB	1475.40	10924 9798	0.50 0.30	9.60 6.50	62.057
			1975	ILL	BIT	437.00	10816 9319	4.30 3.50	17.00 12.40	60.314
			1975	MONT	SUB	819.00	9728 9620	0.40 0.40	4.20 3.80	91.652
			1975	WYO	SUB	903.00	10056 9675	0.70 0.30	13.00 7.10	70.628
			1976	MONT	SUB	1264.00	9820 9602	0.41 0.35	4.60 4.00	104.243
			1976	WYO	SUB	787.00	10000 9728	0.59 0.37	11.90 8.10	79.479
			1977	MONT	SUB	1315.00	9721 9411	0.40 0.32	4.60 3.90	110.222
			1977	WYO	SUB	528.00	9867 9182	0.59 0.44	9.90 4.60	147.238
			1978	MONT	SUB	1202.00	9699 9372	0.48 0.32	4.60 3.80	134.604
			1978	WYO	SUB	62.00	9259 9174	0.73 0.54	7.00 6.00	157.100
CRAWFORDSVILLE ELFC LT & PWR CRAWFORDSVILLE	CRAWFORDSVILLE	23.50	1972	IND	BIT	42.60	11761 10263	5.67 1.15	14.60 8.03	40.660
			1973	IND	BIT	90.05	11935 9843	7.84 0.60	21.10 7.00	41.855
			1973	KY	BIT	12.00	11598 9836	5.24 0.75	18.50 10.20	43.519
			1973	VA	BIT	24.00	11598 9836	5.24 0.75	18.50 10.20	45.288
			1974	IND	BIT	133.00	11598 9251	5.91 0.75	18.50 7.35	61.164
			1975	IND	BIT	108.00	12992 9631	6.69 1.60	16.40 6.31	84.217
			1976	IND	BIT	71.00	12309 6876	4.66 0.68	35.67 6.22	90.565
			1977	IND	BIT	47.00	12595 9012	3.59 1.42	18.27 7.21	98.816
			1978	IND	BIT	26.00	12595 10282	3.56 0.56	14.56 6.09	107.610

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FRANKFORT LT & PWB DEPT FRANKFORT	FRANKFORT	50.00	1972	IND	BIT	14.20	11650 11290	3.60 2.20	10.00 10.00	44.156
			1973	IND	BIT	78.32	11200 11200	3.00 3.00	10.00 10.00	48.123
			1974	IND	BIT	59.97	11250 11200	3.30 0.30	10.00 9.00	72.452
			1975	IND	BIT	43.40	11350 11250	3.00 2.80	9.90 9.00	88.824
			1976	IND	BIT	45.11	11380 11240	3.87 2.70	11.24 8.90	96.480
			1977	IND	BIT	24.04	11724 11240	3.90 2.59	9.80 8.90	105.543
HOOSIER ENERGY DIV-INDIANA REC FRANK E RATTIS	PETERSBURG	233.20	1972	IND	BIT	279.50	11662 10429	5.50 1.50	15.00 9.20	27.840
			1973	IND	BIT	700.50	11511 9477	4.70 0.89	16.00 10.50	28.699
			1974	IND	BIT	584.30	11074 9098	3.00 1.30	22.40 10.00	52.305
			1975	IND	BIT	676.20	11011 10313	4.10 1.91	15.00 10.89	69.340
			1976	IND	BIT	692.30	10805 9693	3.50 2.30	15.60 12.00	55.462
			1977	IND	BIT	573.80	10947 9928	5.10 2.45	20.40 9.80	57.092
			1978	IND	BIT	665.50	11745 9306	4.67 1.63	20.50 7.80	75.595
INDIANA & MICHIGAN ELEC (AEP) BREED	SULLIVAN	495.55	1972	IND	BIT	202.30	11053 10833	3.40 2.80	10.60 9.50	35.684
			1973	IND	BIT	938.40	10952 8269	4.70 1.70	17.40 9.90	37.218
			1973	WYO	BIT	40.80	8413 8141	0.60 0.60	7.10 6.20	77.810
			1974	IND	BIT	797.90	11255 7579	4.30 3.20	18.30 8.50	38.718
			1974	WYO	BIT	92.10	8503 8370	5.10 0.60	29.90 5.20	78.770
			1975	IND	BIT	987.90	10968 9854	4.80 3.46	17.10 10.40	49.351
			1975	WYO	SUB	29.60	8341 8326	0.60 0.50	6.40 5.50	114.964
			1976	IND	BIT	964.80	11131 10667	4.05 3.18	11.90 9.20	49.739
			1977	IND	BIT	951.90	11058 10740	4.13 3.80	11.70 9.60	68.145
			1977	TENN	BIT	10.70	11028 11028	4.08 4.08	10.00 10.00	83.100
			1978	IND	BIT	747.40	11030 10657	4.65 3.68	12.20 9.60	96.036
			1978	KY	BIT	140.30	10804 10465	5.30 4.18	17.40 14.80	181.082
TANNERS CREEK	LAWRENCEBURG	1100.10	1972	IND	BIT	37.60	11197 10550	5.60 5.00	13.90 11.00	33.920
			1972	KY	BIT	1003.90	12632 10325	5.00 0.80	15.80 7.90	27.631
			1972	VA	BIT	122.90	12459 11140	1.30 0.70	18.00 10.50	42.121
			1972	W.V.	BIT	136.70	12390 10667	2.20 0.70	18.80 12.20	35.193
			1973	KY	BIT	2097.89	12290 9877	4.90 0.50	20.50 6.50	29.855
			1973	VA	BIT	66.40	12631 10360	3.00 0.90	19.20 6.60	49.902
			1973	W.V.	BIT	281.30	12849 10087	2.50 0.60	20.30 5.90	42.377
			1973	WYO	BIT	200.20	9837 8352	1.10 0.30	7.50 5.10	71.085
			1974	IND	BIT	20.10	11136 9778	4.20 1.40	20.10 10.00	146.516
			1974	KY	BIT	1724.99	12776 8145	5.20 0.40	25.10 6.40	44.277
			1974	UTAH	BIT	29.80	12057 10495	1.00 0.50	10.90 9.50	119.074
			1974	VA	BIT	26.70	12344 9265	1.40 0.80	24.20 13.60	130.067
			1974	W.V.	BIT	307.90	13087 9822	3.40 0.40	22.10 9.40	73.577
			1974	WYO	SUB	55.40	8803 8287	0.90 0.30	8.40 6.50	76.158
			1975	KY	BIT	2007.25	11825 10041	5.80 0.88	20.90 7.90	41.186
			1975	UTAH	BIT	130.30	12500 10465	1.80 0.70	14.20 9.00	166.642
			1975	VA	BIT	19.00	11831 10503	1.69 0.91	18.50 13.30	130.166
			1975	W.V.	BIT	7.30	10956 9279	2.70 2.00	24.00 15.30	196.333
			1976	COLO	BIT	10.00	10521 10521	0.70 0.70	11.00 11.00	149.300
			1976	IND	BIT	91.90	11310 10818	4.98 3.08	12.50 10.60	70.564
			1976	KY	BIT	1651.69	11953 9959	4.98 1.02	22.40 9.60	59.485
			1976	OHIO	BIT	14.70	10574 10340	3.05 2.92	15.90 15.40	79.659
			1976	UTAH	BIT	30.80	12369 11498	1.02 0.54	12.60 8.60	133.447
			1976	VA	BIT	120.30	12652 10432	1.76 1.06	19.10 9.60	128.072

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TWIN BRANCH	MISHAWKA	237.50	1976	W.V.	BIT	35.70	13348 11100	2.34 1.18	15.60 7.90	111.622
			1976	WYO	SUB	10.60	8713 8713	0.44 0.44	6.20 6.20	106.700
			1977	IND	BIT	0.40	11450 11450	2.55 2.55	16.40 16.40	69.600
			1977	KY	BIT	2087.20	11812 9038	4.96 1.16	27.70 9.40	66.662
			1977	OHIO	BIT	54.90	10690 10268	1.98 1.14	15.90 13.90	107.459
			1977	UTAH	BIT	126.60	11680 11398	0.77 0.40	13.40 12.60	136.520
			1977	WYO	SUB	30.50	8945 8511	0.77 0.42	6.90 6.80	106.858
			1978	KY	BIT	764.50	12309 9636	4.86 0.60	17.70 7.10	80.134
			1978	UTAH	BIT	677.60	11679 8308	0.61 0.24	12.50 6.30	173.218
			1978	W.V.	BIT	132.00	13041 11543	3.23 0.45	15.10 8.30	133.593
			1978	WYO	BIT	52.50	8220 8011	0.58 0.26	6.70 6.10	144.937
			1978	WYO	SUB	74.30	8465 8035	0.35 0.25	6.30 5.70	128.723
			1972	IND	BIT	144.80	11597 10619	3.80 1.40	13.70 7.40	51.072
			1972	KY	BIT	10.00	11511 11511	4.70 4.70	17.00 17.00	52.200
			1973	ILL	BIT	2.50	12064 12064	1.40 1.40	6.70 6.70	52.200
			1973	IND	BIT	168.20	11625 10964	4.90 2.90	14.90 7.90	52.104
			1973	KY	BIT	44.10	11954 10912	5.10 1.20	13.70 7.70	55.973
			1974	KY	BIT	4.60	11619 11247	4.80 4.00	12.30 11.10	63.594
INDIANA-KENTUCKY ELECTRIC CORP CLIFTY CREEK	MADISON	1303.56	1972	IND	BIT	372.00	10715 10556	4.10 3.70	13.80 11.80	22.786
			1972	KY	BIT	1560.00	11737 8987	5.50 2.00	24.10 8.80	34.345
			1973	IND	BIT	1038.00	11082 9781	4.20 2.80	14.30 9.20	28.673
			1973	KY	BIT	2729.00	11634 9881	5.50 1.50	16.20 8.70	35.646
			1973	WYO	BIT	32.00	8432 8432	0.50 0.50	5.10 5.10	68.700
			1974	IND	BIT	1174.00	10894 10219	5.10 3.10	14.70 9.20	34.172
			1974	KY	BIT	1829.00	11748 9172	6.10 2.00	20.50 5.90	67.984
			1974	WYO	BIT	40.00	8379 8210	0.70 0.70	5.70 5.00	74.293
			1975	IND	BIT	1741.00	11043 10139	5.00 2.19	16.60 9.80	50.368
			1975	KY	BIT	2232.00	11359 9572	6.40 1.50	23.90 8.40	70.299
			1975	WYO	BIT	231.00	8480 8136	0.60 0.30	6.50 5.70	81.712
			1976	IND	BIT	1872.00	11384 10104	4.90 2.02	15.30 6.60	56.251
			1976	KY	BIT	2354.00	11886 7264	5.85 2.04	32.50 10.10	65.763
			1977	ILL	BIT	9.00	11243 11011	5.25 4.30	15.50 15.00	98.970
			1977	IND	BIT	1393.00	11710 9932	4.72 1.23	21.20 6.40	57.295
			1977	KY	BIT	2432.00	11819 9536	5.76 2.40	24.00 9.30	83.918
			1978	IND	BIT	1267.00	11235 9161	4.91 2.16	17.30 6.40	84.408
			1978	KY	BIT	2041.00	11611 9877	5.78 2.74	20.50 10.00	105.701
			1978	WYO	BIT	334.00	8256 8063	0.95 0.37	7.00 5.80	149.905
INDIANAPOLIS POWER & LIGHT STOUT	INDIANAPOLIS	851.99	1972	IND	BIT	305.00	11730 11299	3.50 2.50	9.40 6.70	36.741
			1973	IND	BIT	1159.20	11854 9957	5.30 0.80	13.30 5.40	41.590
			1974	ILL	BIT	13.10	10807 10807	2.50 2.50	11.00 11.00	45.800
			1974	IND	BIT	1636.20	11772 10448	5.10 1.80	11.60 7.70	47.863
			1974	KY	BIT	4.80	9693 9693	3.80 3.80	23.90 23.90	45.600
			1974	W.V.	BIT	4.70	9969 8820	2.90 0.30	27.10 11.30	54.838
			1974	WYO	SUB	49.10	8572 8100	0.40 0.30	5.80 5.30	57.021
			1975	IND	BIT	1694.00	11394 10149	3.80 2.00	11.40 8.80	68.570
			1975	KY	BIT	28.00	11802 11115	0.90 0.70	15.30 10.80	69.151
			1976	IND	BIT	1541.00	11510 10421	4.51 0.70	13.50 7.00	76.545
			1977	ILL	BIT	15.00	11512 11512	1.79 1.79	8.20 8.20	80.100
			1977	IND	BIT	1725.40	11270 10597	3.87 1.06	11.10 7.70	81.365
			1978	IND	BIT	953.00	11232 10550	3.60 1.14	11.60 8.00	105.685

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PRITCHARD	MARTINSVILLE	393.64	1978	KY	BIT	258.00	11630 10869	4.30 1.00	18.20 13.80	162.050
			1972	IND	BIT	331.30	11797 10465	4.70 1.20	13.20 7.10	32.300
			1973	IND	BIT	638.40	11388 9896	3.00 0.90	13.00 5.40	35.678
			1974	IND	BIT	603.10	11258 8269	3.50 1.10	19.50 9.10	40.632
			1975	IND	BIT	726.00	11130 10094	4.00 2.10	14.80 8.80	59.833
			1976	IND	BIT	458.00	11576 10421	3.75 0.70	13.50 3.30	64.057
			1977	IND	BIT	599.30	11270 10570	4.65 1.09	13.80 8.50	79.220
			1978	IND	BIT	273.00	11086 10594	3.50 1.14	11.60 8.00	108.477
PERRY	INDIANAPOLIS	58.13	1978	KY	BIT	32.00	11640 11640	1.60 1.60	14.10 14.10	174.000
			1972	IND	BIT	162.00	11730 10445	2.80 1.40	15.70 7.60	37.602
			1973	IND	BIT	310.80	11854 10675	3.80 0.80	13.30 6.80	40.540
			1974	IND	BIT	368.70	11760 10780	3.60 2.00	12.10 6.90	48.162
			1975	IND	BIT	368.00	11545 10159	3.80 1.90	11.20 7.10	74.250
			1975	KY	BIT	5.00	12258 11802	0.70 0.70	10.80 9.00	75.036
			1976	IND	BIT	413.00	11510 10618	4.00 1.30	11.20 8.30	67.427
			1977	IND	BIT	359.20	11349 10597	3.50 1.10	10.90 8.70	81.210
PETERSBURG	PETERSBURG	1298.82	1978	IND	BIT	236.00	11232 10594	3.60 1.29	11.60 8.40	115.426
			1978	KY	BIT	49.50	12160 11201	2.50 0.61	16.70 11.50	167.912
			1972	IND	BIT	1120.00	10997 10294	5.20 1.20	14.60 9.80	32.380
			1973	IND	BIT	1596.00	11246 10204	4.90 1.00	15.50 9.20	30.324
			1974	IND	BIT	1336.70	11763 8330	5.90 1.10	20.90 7.50	34.804
			1975	IND	BIT	1799.00	11508 10094	4.90 1.50	14.80 8.00	53.213
			1975	KY	BIT	1.00	12185 12185	0.60 0.60	12.50 12.50	56.400
			1976	IND	BIT	2106.00	12153 10452	4.51 0.69	14.60 3.20	56.952
			1976	KY	BIT	10.00	12574 12150	0.66 0.63	10.70 8.00	55.389
			1977	IND	BIT	2390.70	11516 9045	5.94 1.05	17.70 5.40	64.790
			1977	W.V.	BIT	9.60	12670 12168	0.55 0.53	12.20 9.50	64.646
			1978	IND	BIT	2703.00	11538 10186	5.75 1.10	17.30 8.10	87.979
LOGANSPORT INDIANA ELECTRIC DEPT LOGANSPORT	LOGANSPORT	43.00	1978	KY	BIT	131.00	11494 11074	1.42 1.17	15.80 13.80	132.065
			1978	VA	BIT	4.00	13241 12718	0.76 0.52	9.80 8.50	151.648
			1978	W.V.	BIT	6.00	12630 12369	0.52 0.51	10.30 8.70	158.882
			1972	IND	BIT	31.23	11999 11000	2.10 2.10	9.00 9.00	51.700
			1973	IND	BIT	64.66	11000 11000	2.10 2.10	9.00 9.00	51.700
			1974	IND	BIT	69.10	11000 11000	2.10 2.10	9.00 9.00	63.899
			1975	IND	BIT	80.10	11900 11000	2.10 1.00	9.00 6.00	78.608
			1976	IND	BIT	82.30	11900 11000	2.10 1.17	9.00 6.00	73.486
NORTHERN INDIANA PUBLIC SERVICE BAILLY	DUNE ACRES	615.60	1977	IND	BIT	77.50	11900 11000	2.10 1.17	9.00 6.00	82.645
			1978	IND	BIT	77.30	12000 11000	2.10 1.10	9.00 3.10	118.984
			1978	KY	BIT	4.90	12000 12000	1.85 1.75	3.80 3.00	212.347
			1972	IND	BIT	585.20	11228 10775	4.10 3.20	11.70 8.90	31.579
			1972	WYO	SUB	40.80	9673 9414	0.40 0.30	10.20 6.60	80.080
			1973	ILL	BIT	32.93	10952 10840	3.30 3.20	9.70 9.70	58.043
			1973	IND	BIT	1036.28	11301 10697	4.60 2.50	12.00 5.10	33.480
			1974	ILL	BIT	364.07	11012 7301	3.60 1.10	18.00 9.80	87.787
			1974	IND	BIT	982.84	11335 8162	4.00 0.80	15.80 8.90	37.928
			1975	ILL	BIT	209.89	10802 6024	5.90 1.29	31.70 9.50	87.085
			1975	IND	BIT	1080.27	11318 10413	4.43 2.70	13.50 8.30	54.672
			1976	ILL	BIT	13.87	10665 7289	3.08 1.31	20.10 16.80	108.453
			1976	IND	BIT	1223.64	11276 10586	5.29 3.20	12.80 9.10	62.609
			1977	ILL	BIT	373.60	11100 10237	3.50 2.10	14.80 10.00	109.092

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
MITCHELL	GARY	529.40	1977	IND	BIT	762.80	11360	10769	4.33	2.91	13.10	9.00	65.988
			1978	ILL	BIT	378.59	11072	10235	3.25	2.26	14.20	9.50	128.205
			1978	IND	BIT	543.83	11374	10736	3.34	2.86	12.00	8.70	115.726
			1972	--	PC	68.70	14468	14468	2.70	2.70	1.30	1.30	26.900
			1972	ILL	BIT	744.50	11259	10580	3.50	2.80	12.30	9.70	36.051
			1972	MONT	SUB	19.50	8406	8406	0.70	0.70	7.30	7.30	61.200
			1972	WYO	SUB	19.50	8421	8421	0.60	0.60	5.00	5.00	58.900
			1973	--	PC	194.28	14468	13352	4.70	2.70	1.30	0.20	28.598
			1973	ILL	BIT	1104.08	11282	10020	3.60	2.70	12.50	8.90	37.980
			1973	WYO	SUB	9.98	8435	8435	0.60	0.60	5.60	5.60	60.500
			1974	--	PC	120.50	13531	13531	2.90	2.90	0.20	0.20	29.180
			1974	ILL	BIT	866.27	11240	8522	3.90	2.50	20.10	8.50	50.998
			1974	WYO	BIT	517.98	10521	8100	0.80	0.30	9.10	6.00	85.470
			1975	ILL	BIT	38.71	10666	10531	2.80	2.60	10.90	10.50	52.125
			1975	WYO	BIT	1667.72	9847	9108	0.80	0.50	15.60	8.40	80.197
			1976	ILL	BIT	24.80	11100	11100	3.50	3.50	10.00	10.00	109.000
			1976	IND	BIT	51.48	11429	10586	3.87	1.00	12.40	8.80	106.062
			1976	WYO	BIT	1077.99	10453	9800	0.62	0.40	12.80	10.00	106.097
			1977	COLO	BIT	256.60	11489	10729	0.47	0.38	8.00	5.80	161.708
			1977	ILL	BIT	102.90	11000	10237	3.52	2.58	14.80	10.00	114.620
			1977	IND	BIT	81.50	11000	11000	3.15	3.15	12.00	10.00	116.418
			1977	WYO	BIT	894.70	10683	9860	0.98	0.40	14.40	10.00	116.526
			1978	COLO	BIT	450.20	11390	10767	0.44	0.36	12.70	5.90	178.348
			1978	ILL	BIT	198.40	11000	10195	3.23	0.60	12.00	9.20	128.266
			1978	IND	BIT	1.70	11000	11000	3.15	3.15	12.00	12.00	117.600
			1978	UTAH	BIT	337.00	11589	11145	0.83	0.70	10.40	8.10	177.034
MICHIGAN CITY	MICHIGAN CITY	736.00	1978	WYO	BIT	279.40	10171	9601	0.81	0.47	15.00	10.90	112.802
			1972	IND	BIT	70.70	11247	10775	4.10	3.20	11.70	9.10	37.839
			1973	--	PC	6.46	13531	13531	2.90	2.90	0.20	0.20	30.200
			1973	ILL	BIT	77.50	10794	9956	3.40	2.80	15.50	10.90	51.177
			1973	IND	BIT	185.09	11301	9718	4.60	3.00	16.60	8.40	41.059
			1974	ILL	BIT	719.52	10881	9755	3.20	2.20	16.30	10.80	52.159
			1974	IND	BIT	67.42	11335	10685	4.00	3.50	12.20	8.90	43.774
			1975	ILL	BIT	1504.92	11027	9564	3.80	2.30	20.30	9.40	75.746
			1975	IND	BIT	88.63	11318	10413	3.90	2.90	13.10	9.00	57.828
			1976	ILL	BIT	1333.97	11100	10324	3.50	2.29	15.70	10.00	78.062
			1977	ILL	BIT	1305.30	11233	10346	3.50	2.10	14.90	9.60	93.439
			1977	IND	BIT	22.50	11000	11000	3.15	3.15	12.00	12.00	106.400
			1977	WYO	BIT	355.40	10780	10000	0.98	0.40	13.20	10.20	144.455
			1978	ILL	BIT	875.30	11084	10128	3.06	2.26	18.60	9.60	116.189
			1978	WYO	BIT	562.50	10739	10331	1.00	0.60	15.20	10.60	149.233
ROLLIN SCHAEFER	WHEATFIELD	520.79	1976	WYO	BIT	90.30	10335	10035	0.53	0.53	11.80	11.80	99.500
			1977	WYO	BIT	771.70	11085	9918	0.81	0.42	12.70	6.90	115.326
			1978	IND	BIT	216.80	11249	10082	3.50	2.42	15.00	8.70	137.508
			1978	WYO	BIT	907.00	10767	10396	0.98	0.42	13.60	9.50	157.986
PERU UTILITIES PERU	PERU	30.00	1972	IND	BIT	15.96	11600	11600	3.20	3.20	11.00	11.00	48.000
			1973	IND	BIT	49.81	11800	11600	3.20	3.20	11.00	10.00	49.767
			1974	IND	BIT	54.05	13055	11500	3.20	2.39	12.00	10.00	70.960
			1975	IND	BIT	45.21	12300	9389	6.00	1.10	19.40	6.65	107.907
			1975	KY	BIT	0.10	10200	10200	3.50	3.50	9.00	9.00	106.000
			1976	IND	BIT	49.23	12522	9305	6.87	1.07	23.58	6.19	91.349
			1977	IND	BIT	44.46	12092	9776	6.37	1.06	17.46	6.10	101.232

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978													
STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
			1978	IND	BIT	33.34	11717	6869	6.10	0.84	33.35	7.97	126.282
			1978	KY	BIT	4.96	12288	8620	2.74	0.83	28.15	9.58	195.725
			1978	PENN	BIT	1.44	12400	11680	3.87	1.10	13.35	8.20	203.502
PUBLIC SERVICE CO OF INDIANA													
FORM 423 PLT # 0100 --													
		-	1972	IND	BIT	152.30	10905	10794	4.70	4.10	11.90	11.00	27.947
			1973	IND	BIT	254.40	10936	10615	4.70	4.10	12.90	11.00	29.958
			1974	IND	BIT	194.30	11146	10466	4.10	3.40	13.50	9.90	42.772
			1975	IND	BIT	49.00	11131	10767	4.10	2.30	11.80	9.10	52.667
EDWARDSPOET	EDWARDSPOET	114.25	1972	IND	BIT	98.30	11496	10495	4.50	1.40	14.30	7.70	34.060
			1973	IND	BIT	154.10	11511	8113	5.00	0.90	19.30	6.20	34.067
			1973	IND	SUB	0.10	8648	8648	0.80	0.80	13.50	13.50	25.000
			1974	IND	BIT	184.60	11303	10245	4.80	0.90	14.10	8.80	47.671
			1975	COLO	BIT	1.60	9665	9652	0.50	0.50	9.70	9.30	211.765
			1975	IND	BIT	237.20	11039	9648	4.10	1.00	16.00	9.10	61.014
			1975	KY	BIT	2.70	12781	12207	0.90	0.60	7.00	3.00	120.055
			1975	W.V.	BIT	1.10	11783	11783	1.00	1.00	11.80	11.80	131.800
			1976	IND	BIT	235.20	11605	8931	5.61	1.07	15.20	6.60	58.916
			1977	ILL	BIT	0.60	11248	11248	3.05	3.05	13.10	13.10	77.000
			1977	IND	BIT	257.30	11321	9639	7.91	1.66	17.60	9.30	78.373
			1978	IND	BIT	231.20	10869	9274	3.92	1.02	18.70	9.30	88.521
			1978	KY	BIT	0.80	11071	11071	0.63	0.63	19.10	19.10	86.500
GIBSON STATION	CARMEL	2004.00	1975	ILL	BIT	942.50	11139	10680	2.60	1.50	13.20	10.30	60.188
			1976	ILL	BIT	1700.70	11122	10727	1.89	1.11	14.20	10.70	79.894
			1976	IND	BIT	346.40	12284	9745	4.07	0.80	16.00	5.60	84.320
			1976	KY	BIT	196.10	13320	11075	2.75	0.74	16.20	5.30	109.536
			1976	W.V.	BIT	77.30	11423	10461	1.04	0.82	16.00	10.50	115.622
			1977	ILL	BIT	1833.50	11240	8931	3.18	1.17	15.10	9.20	89.653
			1977	IND	BIT	941.59	12010	9686	4.89	0.61	18.50	5.50	87.836
			1977	KY	BIT	593.40	12804	10662	3.36	0.71	18.60	3.90	110.620
			1977	VA	BIT	29.90	12010	11328	1.36	0.90	15.80	14.60	120.922
			1977	W.V.	BIT	84.90	12490	11548	1.10	0.79	17.80	10.80	113.095
			1978	ILL	BIT	1785.90	11893	9894	3.99	1.44	19.10	9.10	109.564
			1978	IND	BIT	966.39	11987	8400	5.97	1.07	22.50	6.90	108.920
			1978	KY	BIT	671.70	13200	9667	6.96	0.68	22.50	5.90	111.649
			1978	TENN	BIT	50.30	12000	11197	2.27	1.99	16.40	16.00	125.595
NOBLESVILLE	NOBLESVILLE	100.00	1972	IND	BIT	33.90	11118	10555	4.90	2.20	15.80	9.30	39.510
			1973	IND	BIT	103.00	11740	10286	3.70	2.10	13.30	6.60	42.215
			1974	ILL	BIT	57.70	11321	10753	2.60	1.50	12.30	9.80	64.555
			1974	IND	BIT	62.90	11094	10325	3.80	1.30	13.60	9.90	51.205
			1975	ILL	BIT	1.60	10821	10821	1.60	1.60	12.20	12.20	79.200
			1975	IND	BIT	127.70	10978	9567	2.80	1.10	18.60	9.30	67.041
			1975	KY	BIT	3.80	12517	10728	1.10	0.40	20.50	8.20	119.317
			1976	IND	BIT	166.90	10867	10289	3.39	1.46	14.00	10.20	74.717
			1977	ILL	BIT	30.50	11099	10357	3.81	2.53	15.10	13.10	100.264
			1977	IND	BIT	103.20	11246	9686	4.13	1.13	14.60	9.20	84.189
			1978	IND	BIT	123.10	11166	10251	4.63	1.79	14.20	9.20	101.916
			1978	KY	BIT	2.40	11311	10738	1.70	1.01	11.30	6.80	128.111
GALLAGHER	NEW ALBANY	600.00	1972	IND	BIT	615.00	11682	10573	4.70	3.30	14.40	8.40	29.605
			1972	KY	BIT	63.50	11333	11333	3.80	3.80	10.10	10.10	30.600
			1973	ILL	BIT	8.30	11670	10290	4.30	4.20	15.30	12.20	34.900
			1973	IND	BIT	785.40	11592	10438	4.50	2.90	14.70	8.30	34.063
			1973	KY	BIT	613.00	11621	10363	4.10	0.30	13.80	8.50	35.667
			1973	OHIO	BIT	15.00	11337	11220	2.00	0.80	9.70	9.30	35.000

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
WABASH RIVER	W. TERRE HAUTE	962.00	1974	IND	BIT	833.20	11450	10421	3.70	2.20	14.99	9.00	44.679
			1974	KY	BIT	452.40	11510	9710	4.20	2.20	22.60	9.00	59.371
			1975	IND	BIT	895.60	11081	10467	3.50	3.20	12.00	9.60	51.941
			1975	KY	BIT	691.30	11596	7573	3.70	0.70	26.00	9.30	59.935
			1975	W.V.	BIT	23.30	11284	9568	4.90	0.80	21.50	13.00	102.185
			1976	IND	BIT	978.40	11482	10300	4.06	2.94	14.10	9.20	57.738
			1976	KY	BIT	659.90	12569	10596	5.44	0.73	16.20	6.30	57.979
			1976	W.V.	BIT	5.00	9661	9661	1.57	1.57	22.50	22.50	54.600
			1977	IND	BIT	983.40	12328	10842	3.62	2.84	10.70	8.60	62.670
			1977	KY	BIT	532.70	11789	10610	5.19	2.41	15.60	8.60	69.279
			1978	IND	BIT	433.70	11203	10659	3.36	1.97	12.70	8.90	105.477
			1978	KY	BIT	718.10	11765	9820	3.97	0.87	17.80	8.80	106.299
			1972	IND	BIT	1233.20	11157	10468	2.60	2.20	13.00	9.80	26.710
			1973	IND	BIT	2288.70	11276	8185	2.90	2.20	17.80	9.40	29.035
			1974	ILL	BIT	79.60	11350	11042	3.00	2.30	11.10	10.90	64.435
			1974	IND	BIT	1844.20	11220	10352	2.90	1.80	14.40	9.90	37.875
			1975	IND	BIT	1877.50	11197	10315	2.90	1.80	13.20	9.00	50.886
			1975	KY	BIT	24.50	12703	11566	1.40	0.50	16.00	4.70	130.719
			1975	W.V.	BIT	40.80	12259	9592	1.50	0.70	24.00	9.20	138.759
			1976	IND	BIT	2251.50	11128	10231	3.33	1.98	15.80	9.50	66.274
			1976	KY	BIT	5.90	12975	12267	1.27	0.81	11.40	7.20	120.390
			1977	IND	BIT	1717.30	11071	10444	3.37	1.20	12.50	9.13	78.510
			1978	IND	BIT	1469.60	11500	9745	3.06	0.68	14.50	8.90	116.177
			1978	KY	BIT	201.70	13300	10145	2.78	0.49	20.70	6.90	136.978
			1978	VA	BIT	17.50	11000	7391	2.50	0.90	39.20	10.00	129.084
CAYUGA	CAYUGA	1062.00	1978	WYO	BIT	49.30	8436	8061	1.24	0.76	21.20	7.00	175.613
			1972	IND	BIT	1274.10	10483	10246	2.40	2.10	13.70	12.80	25.081
			1973	ILL	BIT	9.00	9637	9395	2.30	1.50	12.60	10.30	23.962
			1973	IND	BIT	2720.40	10503	10282	2.30	1.60	14.10	13.00	25.349
			1974	IND	BIT	2671.30	10414	10196	2.50	2.00	14.50	13.40	30.156
			1975	IND	BIT	2618.80	10402	10277	2.30	2.10	13.50	12.90	42.604
			1975	WYO	BIT	10.10	8698	8698	0.50	0.50	6.20	6.20	94.700
			1976	IND	BIT	2104.60	10342	10175	2.34	2.20	14.00	12.70	55.178
			1977	ILL	BIT	5.90	8908	8894	2.11	1.96	16.00	14.80	43.100
			1977	IND	BIT	2493.10	11327	9848	3.98	0.55	17.00	8.30	58.017
			1978	ILL	BIT	4.60	11149	11149	2.47	2.47	12.10	12.10	80.400
			1978	IND	BIT	2225.10	11661	8944	4.63	1.57	22.10	9.70	88.684
			1978	KY	BIT	42.70	12500	9978	1.64	0.45	21.10	7.20	118.813
			1978	W.V.	BIT	0.90	13208	13208	0.55	0.55	7.20	7.20	105.900
			1978	WYO	BIT	143.70	9217	8126	2.20	0.50	13.20	6.00	158.127
RICHMOND POWER & LIGHT WHITENATER	RICHMOND	90.00	1972	IND	BIT	57.09	11469	11092	3.00	0.30	10.00	10.00	34.209
			1973	IND	BIT	170.76	11720	11272	3.00	0.30	10.00	0.10	47.439
			1974	IND	BIT	162.68	11594	11170	3.00	3.00	10.00	10.00	63.826
			1974	KY	BIT	8.15	12286	10037	1.00	1.00	20.00	10.00	185.139
			1974	OHIO	BIT	1.63	10718	10676	1.00	1.00	21.00	18.00	166.269
			1974	UTAH	BIT	0.71	11782	11782	1.00	1.00	7.00	7.00	172.000
			1975	IND	BIT	119.91	11734	9040	3.00	3.00	22.00	7.00	110.711
			1975	KY	BIT	49.78	12586	9128	3.00	1.00	25.26	8.00	108.164
			1975	OHIO	BIT	0.93	10107	10107	1.00	1.00	15.00	15.00	106.000
			1975	VA	BIT	4.37	11526	9906	1.00	1.00	19.00	10.00	101.961
			1975	W.V.	BIT	2.45	12479	10736	1.00	1.00	21.00	6.00	103.516
			1976	IND	BIT	144.25	11603	9111	3.00	3.00	24.00	7.90	92.874

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STREAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1976	KY	BIT	88.90	12844 9374	2.00 1.00	22.60 7.00	90.746
			1977	IND	BIT	183.25	11971 8544	3.00 2.00	23.40 7.10	98.634
			1977	KY	BIT	54.73	12933 8948	2.00 1.00	30.70 7.20	102.873
			1977	PENN	BIT	5.82	10848 9916	2.00 2.00	19.90 18.00	104.573
			1978	IND	BIT	107.63	12276 7966	3.00 2.00	32.70 7.70	111.822
			1978	KY	BIT	48.85	13299 7659	3.00 1.00	25.30 5.30	111.374
			1978	OHIO	BIT	7.09	10971 10339	3.00 2.00	18.70 9.70	94.280
			1978	PENN	BIT	1.45	12163 12163	2.00 2.00	15.30 15.30	127.600
			1978	W.V.	BIT	2.71	11142 11001	2.00 2.00	19.90 19.10	109.750
SOUTHERN INDIANA GAS & ELEC CULLEY	NEWBURGH	414.93	1972	IND	BIT	158.77	10799 10634	4.30 4.10	14.00 13.10	24.721
			1973	IND	BIT	853.75	11386 10538	4.40 2.80	13.30 8.80	27.728
			1974	IND	BIT	996.79	11014 10626	4.00 2.60	12.10 8.70	33.668
			1975	IND	BIT	1161.37	11081 10629	3.70 2.80	12.00 8.90	49.776
			1976	IND	BIT	959.84	10912 10575	3.70 3.06	12.60 9.30	57.425
			1977	IND	BIT	1351.17	11200 10606	4.14 1.20	13.20 8.90	71.206
			1978	IND	BIT	1105.60	11108 10481	3.98 1.60	13.30 9.20	92.327
WARRICK	NEWBURGH	323.00	1972	IND	BIT	887.67	11249 11150	4.00 3.90	11.00 10.70	23.837
			1973	IND	BIT	2362.33	11447 10726	3.96 3.30	11.98 9.40	24.294
			1974	IND	BIT	2265.43	11201 10271	4.00 3.10	14.70 9.80	30.013
			1975	IND	BIT	2371.62	11239 10189	4.98 3.27	16.70 9.80	39.761
			1976	IND	BIT	2066.93	11157 10436	3.25 2.81	11.50 8.00	49.640
			1977	IND	BIT	2199.02	11200 10663	3.44 1.20	11.90 8.20	65.918
			1978	IND	BIT	2418.38	11046 10644	3.45 1.60	12.80 9.30	96.053
IOWA										
AMES, CITY OF AMES	AMES	60.74	1972	IOWA	BIT	17.80	9541 9541	4.20 4.20	12.50 12.50	42.054
			1973	ILL	BIT	4.93	12300 11240	2.90 1.80	9.90 7.80	62.982
			1973	IOWA	BIT	38.00	9560 9383	4.50 3.90	19.60 12.50	48.938
			1973	KY	BIT	6.51	12015 11677	3.10 1.50	8.50 8.40	60.834
			1973	WYO	BIT	1.43	9300 9300	0.60 0.60	5.30 5.30	76.000
			1974	COLO	BIT	0.38	11140 11140	0.40 0.40	3.50 3.50	92.000
			1974	ILL	BIT	0.24	12300 12300	1.80 1.80	7.80 7.80	66.903
			1974	IOWA	BIT	35.00	10030 9460	4.50 4.30	16.50 14.80	63.916
			1974	MONT	BIT	0.19	8475 8475	1.20 1.20	6.90 6.90	103.800
			1974	WYO	BIT	21.83	9300 9300	0.90 0.60	7.70 5.30	97.224
			1975	ILL	BIT	3.20	12300 12300	1.80 1.80	7.80 7.80	114.800
			1975	IOWA	BIT	62.72	10102 9712	5.20 3.80	16.90 11.40	88.039
			1975	KY	BIT	0.22	11677 11677	3.10 3.10	8.50 8.50	148.300
			1975	MO	BIT	0.76	9750 9750	3.50 3.50	11.00 11.00	115.600
			1975	WYO	BIT	43.78	9561 9270	0.60 0.50	6.60 5.20	114.229
			1975	WYO	SUB	3.20	9561 9561	0.50 0.50	5.20 5.20	121.800
			1976	COLO	BIT	0.50	11200 11200	1.80 1.80	4.90 4.90	162.600
			1976	IOWA	BIT	44.36	10725 9712	5.99 3.80	15.00 11.70	86.862
			1976	OKLA	BIT	1.10	12350 12350	0.70 0.70	9.00 9.00	119.200
			1976	WYO	BIT	33.67	9653 9561	0.90 0.50	6.42 5.20	123.686
			1977	COLO	BIT	27.30	12200 11012	1.10 0.50	11.90 9.00	144.213
			1977	IOWA	BIT	67.44	10270 8930	7.60 3.30	20.70 11.10	93.633
			1977	OKLA	BIT	1.60	12350 12350	0.70 0.70	9.00 9.00	129.700
			1977	WYO	BIT	5.00	9653 9641	0.90 0.70	6.40 4.80	138.538

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1978	COLO	BIT	83.10	11089 10329	0.80 0.25	13.32 3.18	158.869
			1978	IOWA	BIT	58.44	10633 8903	7.17 2.50	19.11 9.70	101.096
CEDAR FALLS UTILITIES STREETER	CEDAR FALLS	66.55	1972	ILL	BIT	13.35	12310 11200	3.90 3.20	14.20 9.60	50.891
			1972	KY	BIT	5.97	12765 12300	3.20 1.50	6.60 4.80	57.106
			1972	MO	BIT	0.16	10700 10700	2.90 2.90	8.70 8.70	45.100
			1972	WYO	BIT	1.42	10440 9300	0.70 0.60	5.30 2.80	73.854
			1973	ILL	BIT	3.85	12510 12200	2.50 2.10	8.00 7.20	60.534
			1973	KY	BIT	71.67	12510 11100	3.11 1.10	12.20 3.30	57.522
			1974	ILL	BIT	52.73	12585 11600	2.50 1.50	8.40 7.10	75.308
			1974	KY	BIT	5.99	12069 11700	2.90 2.50	10.00 7.70	98.395
			1974	MONT	BIT	0.69	8345 8345	0.60 0.60	8.10 8.10	104.900
			1974	WYO	BIT	10.44	9500 9050	0.50 0.30	6.50 3.70	84.523
			1975	COLO	BIT	0.72	9150 9150	0.50 0.50	13.00 13.00	158.200
			1975	ILL	BIT	48.01	12795 11290	4.10 0.56	14.40 7.20	105.483
			1975	UTAH	BIT	0.53	11510 11510	0.70 0.70	7.10 7.10	148.900
			1976	COLO	BIT	8.51	10645 10230	1.09 0.25	7.28 6.29	132.894
			1976	COLO	SUB	3.40	10730 10730	0.42 0.42	6.42 6.42	135.400
			1976	ILL	BIT	37.02	12690 11415	4.12 1.77	15.12 6.84	117.277
			1976	KY	BIT	1.41	11790 11400	2.90 2.81	10.31 10.00	110.428
			1976	OKLA	BIT	0.73	13090 13090	1.42 1.42	5.20 5.20	114.700
			1977	COLO	BIT	4.02	10786 10786	0.30 0.30	5.41 5.41	138.100
			1977	ILL	BIT	37.03	12910 12240	2.22 1.63	7.57 7.23	122.330
			1977	IND	BIT	3.02	12390 11980	1.94 1.47	7.39 7.38	126.409
			1977	MO	BIT	20.04	10705 10410	3.13 2.76	9.06 6.94	114.597
			1978	COLO	BIT	79.40	10620 9795	0.42 0.25	13.48 6.89	155.497
			1978	ILL	BIT	25.37	12820 12090	2.06 1.71	7.73 7.34	130.878
			1978	MO	BIT	5.30	10533 10270	2.96 2.94	8.45 7.85	150.661
			1978	OKLA	BIT	2.81	11870 11870	3.28 3.28	15.32 15.32	131.200
CORN BELT PWR COOP HUMBOLDT	HUMBOLDT	46.79	1972	ILL	BIT	0.66	12300 12300	2.30 2.10	7.70 7.00	58.500
			1972	KY	BIT	1.35	12200 12200	1.20 1.20	4.70 4.70	57.500
			1972	MO	BIT	1.60	7140 7140	1.90 1.90	28.30 28.30	77.000
			1973	ILL	BIT	53.19	12413 10050	4.10 1.80	15.60 0.00	62.148
			1973	KAN	BIT	0.74	9900 9900	3.30 3.30	26.30 26.30	82.600
			1973	KY	BIT	13.27	12860 10741	3.20 1.75	10.08 5.70	63.661
			1973	OKLA	BIT	4.69	11910 10140	3.90 2.60	16.50 13.80	70.781
			1973	WYO	BIT	1.32	10213 10213	0.37 0.37	10.10 10.07	71.000
			1974	ARK	BIT	0.20	11320 11320	1.94 1.94	17.30 17.30	120.000
			1974	IOWA	BIT	13.52	8890 6907	5.12 3.62	29.64 20.30	111.811
			1974	KAN	BIT	3.02	12500 11590	2.92 2.75	13.29 11.60	88.935
			1974	KY	BIT	1.48	12405 11945	3.56 3.21	9.74 9.09	80.020
			1974	MO	BIT	7.98	8023 7820	2.81 2.73	23.76 21.90	103.665
			1974	MONT	BIT	12.10	8740 8250	0.97 0.52	9.70 8.04	111.741
			1974	OKLA	BIT	13.12	12623 10080	3.87 0.64	19.32 10.70	69.648
			1974	UTAH	BIT	11.93	12600 12267	0.70 0.70	8.79 8.46	119.947
			1974	WYO	BIT	0.80	10213 9380	0.66 0.37	10.08 8.90	119.787
			1975	ILL	BIT	8.70	12388 12150	2.00 1.81	7.64 7.05	124.627
			1975	KAN	BIT	1.60	12430 12430	3.40 3.40	12.60 12.60	119.100
			1975	KY	BIT	8.60	10343 10231	3.78 3.20	16.94 13.77	135.643
			1975	MONT	BIT	3.77	8740 8125	1.14 0.57	20.49 8.33	116.304
			1975	OKLA	BIT	14.10	12275 11510	3.75 2.50	16.04 10.82	121.735

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
WISDOM	WISDOM	44.12	1976	ILL	BIT	0.20	12400	12400	1.81	1.81	7.53	7.53	128.600
			1976	IOWA	BIT	51.90	10129	9790	5.68	4.92	19.63	19.17	113.239
			1977	COLO	BIT	1.40	11200	10002	0.49	0.49	9.17	9.17	157.102
			1977	ILL	BIT	2.05	12894	12346	2.55	2.28	8.66	7.26	131.924
			1977	MONT	BIT	0.50	8434	8434	0.42	0.42	9.77	9.77	117.000
			1977	OKLA	BIT	20.89	12790	11453	4.00	0.56	13.64	10.80	118.924
			1978	ILL	BIT	6.20	12585	11790	4.25	1.40	13.86	7.04	149.708
			1978	IOWA	BIT	3.70	11626	9887	4.76	1.69	12.76	11.15	133.947
			1978	KY	BIT	2.00	12468	12468	2.94	2.94	7.69	7.69	187.900
			1978	OKLA	BIT	29.50	13193	11266	3.50	0.65	19.86	6.00	134.517
			1972	ILL	BIT	12.82	12400	12300	2.30	2.30	7.30	7.30	61.634
			1972	KY	BIT	1.49	12340	12000	1.20	1.20	4.70	4.70	61.522
			1973	ILL	BIT	62.60	12500	11300	3.50	2.04	11.80	7.58	62.227
			1973	KY	BIT	27.38	12070	11820	2.00	1.73	9.34	6.02	63.286
			1973	MO	BIT	0.78	8500	8500	3.71	3.71	25.04	25.04	56.730
			1973	OKLA	BIT	5.66	11800	11800	3.88	3.88	13.82	13.82	70.000
			1973	WYO	BIT	0.86	10360	10360	0.42	0.42	8.66	8.66	69.900
			1974	ARK	BIT	0.55	11320	11320	1.90	1.90	17.30	17.30	117.800
			1974	KAN	BIT	2.47	12400	12140	3.19	2.92	12.90	11.00	84.042
			1974	KY	BIT	0.16	12000	12000	2.00	2.00	9.50	9.50	94.800
			1974	MO	BIT	0.38	11330	11330	3.70	3.70	13.80	13.80	104.200
			1974	MONT	BIT	6.63	8625	8510	0.90	0.90	7.80	7.80	155.868
			1974	OKLA	BIT	14.93	11800	11800	3.88	3.12	13.82	13.50	70.000
			1974	UTAH	BIT	2.65	12440	12270	0.69	0.51	8.46	5.90	115.800
			1974	WYO	BIT	6.90	10410	9140	0.90	0.50	10.90	5.10	125.962
			1975	ILL	BIT	17.19	12600	12400	2.40	2.00	7.70	7.40	120.294
			1975	IND	BIT	0.73	8900	8900	2.10	2.10	21.80	21.80	120.000
			1975	KY	BIT	8.10	10340	10340	3.78	3.78	13.78	13.78	134.100
			1975	MONT	BIT	46.77	8640	8350	0.90	0.71	8.90	7.80	109.576
			1975	OKLA	BIT	28.18	12480	11110	3.60	2.90	15.00	11.50	119.089
			1975	UTAH	BIT	0.20	12800	12800	0.50	0.50	5.98	5.98	116.100
			1977	OKLA	BIT	29.99	12680	12100	4.16	3.08	14.60	8.05	122.788
			1978	IOWA	BIT	1.50	10073	9300	6.59	2.23	14.70	10.60	140.000
			1978	OKLA	BIT	71.76	13000	11320	5.10	1.00	17.70	7.45	145.144
EASTERN IOWA LT & PWR FAIR	MONTPELIER	55.00	1972	--	PC	2.80	14165	14128	4.70	4.60	0.57	0.34	39.000
			1972	ILL	BIT	20.87	10800	10400	3.40	3.11	11.60	10.40	43.500
			1973	ILL	BIT	44.70	11058	10380	5.00	2.60	11.60	9.70	45.755
			1973	KY	BIT	40.30	12350	11055	3.60	0.70	12.50	8.90	51.076
			1974	ILL	BIT	74.00	10896	10146	3.40	2.40	11.90	6.60	74.821
			1974	KY	BIT	15.90	10787	10694	2.90	2.80	14.10	12.60	85.000
			1975	--	PC	1.50	14173	14173	4.80	4.80	0.50	0.50	78.800
			1975	ILL	BIT	68.97	10637	10155	3.30	2.30	11.60	6.60	94.420
			1975	KY	BIT	5.30	11200	10994	3.40	2.50	11.40	9.00	96.641
			1976	ILL	BIT	79.62	10512	10027	4.16	2.25	15.40	6.50	96.380
			1977	ILL	BIT	107.53	10551	10086	2.69	2.33	10.90	6.45	100.418
			1977	KY	BIT	49.97	11707	11322	3.35	2.90	10.76	9.32	103.767
			1978	ILL	BIT	139.02	12150	9353	3.40	2.24	15.00	5.10	126.335
			1978	IND	BIT	5.93	11708	10887	2.90	2.68	9.20	7.80	133.262
			1978	IOWA	BIT	0.50	9973	9973	2.45	2.45	10.90	10.90	130.000
			1978	KY	BIT	50.05	11815	10258	3.34	3.11	11.80	9.60	140.112

INTERSTATE POWER

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
DUBUQUE	DUBUQUE	81.25	1972	ILL	BIT	88.10	11533 11050	3.30 2.90	11.90 10.20	37.947
			1973	ILL	BIT	106.60	12498 10455	3.20 2.60	12.80 10.80	43.924
			1974	ILL	BIT	115.90	11380 7020	3.70 2.00	25.20 10.40	57.203
			1974	IND	BIT	15.30	11200 10562	3.30 3.00	12.20 11.00	61.957
			1974	MONT	BIT	10.60	8624 8505	0.70 0.70	10.90 10.90	69.461
			1975	ILL	BIT	122.20	11076 10346	3.20 2.80	12.40 10.00	86.496
			1975	MONT	BIT	25.30	8841 8523	0.80 0.60	11.60 9.20	78.293
			1975	MONT	SUB	1.50	8678 8678	0.60 0.60	9.90 9.90	84.900
			1976	ILL	BIT	104.90	11543 10615	3.92 2.97	12.80 10.30	94.762
			1976	KY	BIT	10.70	11900 11395	4.03 3.12	11.70 11.70	82.388
			1976	MONT	SUB	27.90	8677 8568	0.84 0.68	11.20 9.70	87.537
			1977	ILL	BIT	168.30	11394 10550	3.69 2.88	12.80 8.80	98.829
			1977	KY	BIT	28.60	10490 10340	3.93 2.82	15.70 11.30	92.486
			1977	MONT	SUB	42.30	8645 8507	0.84 0.70	11.10 9.70	97.417
			1978	ILL	BIT	37.40	11790 11048	3.59 2.95	10.80 10.00	115.395
			1978	KY	BIT	78.10	10870 9595	3.91 3.17	22.40 12.70	119.514
			1978	MONT	SUB	45.90	8680 8502	0.72 0.60	10.40 9.10	105.610
LANSING	LANSING	338.50	1972	ILL	BIT	110.10	11370 10991	3.20 2.80	11.20 10.10	36.889
			1972	MONT	SUB	5.60	8561 8561	0.90 0.90	8.80 8.80	51.900
			1973	ILL	BIT	114.10	11397 10665	3.30 1.78	13.09 9.90	38.766
			1974	ILL	BIT	143.00	12002 11070	3.20 2.60	11.90 9.90	49.048
			1974	MONT	BIT	6.60	8624 8505	0.70 0.70	10.90 10.90	66.152
			1975	ILL	BIT	114.50	11533 11011	3.60 2.70	12.10 9.80	78.490
			1975	MONT	BIT	38.60	8705 8538	0.70 0.70	10.60 9.80	76.970
			1975	MONT	SUB	9.80	8772 8772	0.60 0.60	9.80 9.80	80.900
			1976	ILL	BIT	111.50	11243 11063	3.21 2.79	11.50 9.90	96.259
			1976	MONT	SUB	33.00	8652 8537	0.80 0.68	10.90 9.80	85.897
			1976	WYO	SUB	169.80	8172 7952	0.43 0.35	5.70 5.00	114.372
			1977	ILL	BIT	163.00	12321 10985	3.79 0.38	13.90 5.20	101.948
			1977	MONT	SUB	24.10	8708 8426	0.80 0.70	11.70 11.10	96.192
			1977	WYO	SUB	900.20	8405 8025	0.38 0.36	5.80 5.00	112.892
			1978	ILL	BIT	76.30	11220 10603	3.78 3.10	11.70 9.40	116.191
			1978	MONT	SUB	85.10	8639 8422	0.64 0.59	10.50 9.80	108.335
			1978	WYO	SUB	600.50	9447 8363	1.43 0.50	7.90 5.00	129.538
KAPP	CLINTON	237.20	1972	ILL	BIT	269.10	11570 10375	3.30 2.50	11.70 7.50	39.487
			1972	IND	BIT	8.60	10908 10906	3.40 3.40	13.00 13.00	39.700
			1973	--	PC	7.30	12910 12233	3.60 3.60	6.90 3.30	43.682
			1973	ILL	BIT	404.00	12498 10450	3.50 2.60	12.20 8.60	43.663
			1973	KY	BIT	53.50	11547 10820	3.70 2.60	15.50 10.10	49.203
			1974	ILL	BIT	450.80	11870 8195	3.70 1.90	18.40 10.00	56.448
			1974	KY	BIT	11.00	11482 10768	3.70 2.90	14.70 9.70	71.232
			1974	MONT	BIT	18.20	8624 8450	0.70 0.70	16.00 10.90	75.413
			1975	ILL	BIT	466.80	11373 10561	3.60 2.60	12.90 9.90	89.650
			1975	MONT	BIT	122.80	8687 8470	0.90 0.70	12.10 9.90	83.846
			1975	MONT	SUB	14.30	8759 8759	0.60 0.60	10.40 10.40	84.500
			1976	ILL	BIT	340.70	11470 10540	4.93 2.69	17.90 9.80	92.396
			1976	IOWA	BIT	0.80	10100 10100	3.01 3.01	14.30 14.30	117.600
			1976	KY	BIT	31.30	11076 10870	3.54 2.97	12.90 12.50	85.034
			1976	MONT	SUB	128.60	8774 8537	0.82 0.63	11.10 8.70	89.199
			1977	ILL	BIT	363.10	11543 10550	3.81 2.64	14.10 8.80	96.184
			1977	IND	BIT	6.10	10600 10600	3.00 3.00	13.00 13.00	55.900
			1977	KY	BIT	70.20	10380 10256	3.88 2.82	16.80 13.30	91.386
			1977	MONT	SUB	93.20	8772 8507	1.06 0.70	12.50 9.70	80.952
			1977	WYO	SUB	2.70	8446 8446	0.37 0.37	5.60 5.60	142.778

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1978	ILL	BIT	319.90	12560 10647	3.52 2.59	13.20 9.80	116.726
			1978	IND	BIT	49.70	11820 11000	3.59 1.90	12.00 8.50	117.915
			1978	KY	BIT	14.70	11910 11146	3.22 2.50	11.10 8.30	115.971
			1978	MONT	SUB	92.60	8711 8597	0.74 0.58	10.30 9.20	106.646
IOWA ELECTRIC LIGHT & POWER BOONE	BOONE	34.25	1972	ILL	BIT	1.00	9484 9484	5.20 5.20	36.10 36.10	57.900
			1972	IOWA	BIT	9.50	9650 8663	3.50 3.10	24.60 21.30	46.885
			1972	MO	BIT	1.00	10441 10441	2.40 2.40	8.80 8.80	51.200
			1973	ILL	BIT	12.00	11283 10226	2.70 1.90	12.00 7.10	62.099
			1973	IOWA	BIT	4.50	9804 8575	4.30 2.80	23.20 13.70	50.558
			1973	KY	BIT	3.00	12171 12171	3.00 3.00	7.30 7.30	67.500
			1973	MO	BIT	1.00	9721 9721	3.00 3.00	16.90 16.90	55.200
			1974	COLO	BIT	5.50	10678 10111	0.50 0.40	10.40 5.00	124.838
			1974	IOWA	BIT	2.00	8589 8589	3.20 3.20	19.20 19.20	101.900
			1974	KY	BIT	10.00	12000 11316	3.00 2.50	9.30 8.20	78.987
			1975	COLO	BIT	0.99	8961 8961	0.44 0.44	9.49 9.49	154.100
			1975	IOWA	BIT	6.50	9725 8268	4.10 3.00	27.50 14.40	89.302
			1975	MO	BIT	15.00	10316 8703	4.25 2.00	22.90 12.76	107.560
			1976	COLO	BIT	0.50	10114 10114	0.36 0.36	7.67 7.67	154.100
			1976	MO	BIT	5.00	10717 9923	2.92 2.48	12.34 8.15	98.766
			1977	MO	BIT	39.50	11496 9523	3.67 2.04	13.37 7.99	120.350
			1978	MO	BIT	41.00	10301 9411	3.18 2.12	10.31 7.27	147.673
6TH ST	CEDAR RAPIDS	92.25	1972	ILL	BIT	108.50	11261 10108	3.20 1.20	16.70 4.40	42.120
			1972	KY	BIT	6.00	12131 11637	2.10 1.30	13.40 3.90	52.846
			1972	MO	BIT	7.50	10441 10019	2.90 2.10	11.70 7.60	52.397
			1973	ILL	BIT	209.00	12515 10031	3.30 1.70	12.60 3.00	47.804
			1973	KY	BIT	12.75	11921 10518	3.90 1.90	15.80 8.60	64.597
			1973	MO	BIT	1.25	8852 8809	2.80 2.50	19.30 17.50	59.879
			1974	COLO	BIT	17.40	12431 9827	0.60 0.40	13.00 7.30	119.534
			1974	ILL	BIT	105.15	12894 8677	3.70 1.90	23.50 6.90	64.618
			1974	KY	BIT	13.54	12543 10909	3.20 2.30	14.60 6.00	72.871
			1974	MO	BIT	4.13	12252 8286	3.80 2.50	19.10 12.30	90.458
			1974	UTAH	BIT	2.80	12542 12227	0.50 0.50	13.40 6.20	143.794
			1974	WYO	BIT	1.50	10535 10458	0.40 0.30	13.10 9.60	118.559
			1975	COLO	BIT	5.30	9907 9341	0.46 0.36	13.78 10.20	148.270
			1975	ILL	BIT	138.40	11489 7525	3.10 2.00	32.30 7.00	96.762
			1975	IND	BIT	1.00	10152 10152	0.40 0.40	14.20 14.20	136.500
			1975	MO	BIT	8.00	10465 8839	4.72 2.17	18.40 7.71	112.292
			1975	UTAH	BIT	2.50	12534 12266	1.00 0.40	7.10 6.00	140.545
			1976	COLO	BIT	3.90	10491 9906	0.66 0.33	13.35 6.36	154.013
			1976	ILL	BIT	149.00	10337 9991	2.33 1.91	8.96 7.69	99.571
			1976	MO	BIT	20.50	10554 9032	5.16 2.63	17.53 6.49	111.985
			1977	COLO	BIT	19.80	10425 9448	0.54 0.30	13.28 7.48	177.316
			1977	ILL	BIT	152.80	12334 9850	2.53 1.44	11.18 7.20	108.843
			1977	MO	BIT	29.50	10642 9998	3.08 1.89	15.46 7.25	119.735
			1978	COLO	BIT	64.10	10268 9643	0.81 0.36	12.61 6.74	196.744
			1978	ILL	BIT	68.37	12513 10055	3.43 0.66	11.17 5.69	149.045
			1978	MO	BIT	47.00	10905 9111	3.42 2.04	9.53 7.68	152.496
PRAIRIE CREEK #4	CEDAR RAPIDS	140.00	1972	ILL	BIT	186.50	11416 9933	3.00 2.10	10.50 6.40	41.999
			1972	KY	BIT	31.00	11950 10434	2.10 1.20	7.90 4.00	53.242
			1972	MO	BIT	6.50	10795 9391	2.90 1.80	9.70 5.40	52.036
			1973	ILL	BIT	358.00	12171 9623	2.90 1.80	12.80 6.60	51.347
			1973	KY	BIT	112.00	12399 9789	4.10 1.70	20.20 5.30	57.769

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COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE Btu MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
SUTHERLAND	MARSHALLTOWN	156.60	1973	MO	BIT	1.00	8809 8809	2.80 2.80	19.30 19.30	60.100
			1974	COLO	BIT	76.00	12195 9862	0.80 0.40	11.30 7.20	121.859
			1974	ILL	BIT	261.00	12698 8695	4.40 0.61	15.60 4.80	67.434
			1974	KY	BIT	33.50	13420 8566	3.50 2.10	21.30 5.40	73.348
			1974	MO	BIT	41.00	10540 7340	3.30 2.10	27.00 8.70	94.774
			1974	UTAH	BIT	20.00	12271 11659	0.60 0.40	7.80 6.10	136.395
			1974	WYO	BIT	8.30	12001 10386	0.40 0.30	9.60 8.70	119.427
			1975	COLO	BIT	96.20	10446 9497	1.94 0.27	20.32 6.60	144.646
			1975	ILL	BIT	315.70	11841 9906	6.90 1.12	18.30 5.70	92.713
			1975	IND	BIT	2.00	10152 10152	0.30 0.30	6.10 6.10	136.500
			1975	MO	BIT	51.00	11121 9728	3.70 0.46	16.56 6.69	104.830
			1975	UTAH	BIT	6.00	10297 10297	0.60 0.60	5.40 5.40	178.000
			1976	COLO	BIT	116.00	10518 9906	0.99 0.26	12.00 6.23	151.145
			1976	ILL	BIT	228.00	10907 10064	2.44 1.64	9.59 6.17	97.635
			1976	KY	BIT	1.00	12403 12403	0.36 0.36	6.51 6.51	136.940
			1976	MO	BIT	114.00	10632 9362	5.16 2.15	16.17 7.36	107.279
			1977	COLO	BIT	118.00	10466 9825	0.80 0.33	11.51 5.93	171.029
			1977	ILL	BIT	157.10	12401 9448	2.36 0.44	12.73 6.91	117.854
			1977	MO	BIT	54.00	10642 9210	2.82 1.94	13.81 6.87	117.561
			1978	COLO	BIT	207.50	10394 9608	0.45 0.32	11.09 7.45	205.980
			1978	ILL	BIT	206.00	13305 9569	5.59 0.47	11.45 4.22	148.808
			1978	MO	BIT	164.00	10266 9498	3.14 2.04	9.97 7.15	150.002
			1972	ILL	BIT	90.00	10591 10388	2.70 2.30	28.50 7.10	51.986
			1972	IOWA	BIT	29.00	9884 8599	4.20 2.60	22.90 9.50	41.106
			1972	MO	BIT	5.50	9946 9798	3.80 3.20	15.40 12.20	44.763
			1973	ILL	BIT	152.00	10791 10225	2.90 2.40	12.60 8.70	53.811
			1973	IOWA	BIT	14.00	9593 8695	5.70 3.20	29.60 4.50	43.985
			1973	MO	BIT	10.50	9703 8054	3.10 2.80	24.20 16.10	55.270
			1974	COLO	BIT	8.80	10231 10231	0.40 0.40	8.20 8.20	124.700
			1974	ILL	BIT	1.00	8685 8685	0.90 0.90	17.40 17.40	145.400
			1974	IOWA	BIT	7.00	9388 8579	5.50 4.70	17.10 6.70	91.896
			1974	MONT	BIT	16.00	9648 8653	0.50 0.40	10.50 8.60	96.850
			1974	UTAH	BIT	10.00	12279 12208	0.40 0.30	8.10 7.70	121.479
			1974	WYO	BIT	25.00	10267 9242	0.40 0.30	7.60 5.70	113.908
			1975	COLO	BIT	31.60	10082 9886	0.50 0.37	12.05 7.60	120.779
			1975	IND	BIT	3.00	10152 10152	0.40 0.40	14.20 14.20	135.000
			1975	IOWA	BIT	46.20	10500 7665	5.90 2.10	28.20 10.71	90.814
			1975	MO	BIT	96.50	10310 8291	3.68 0.55	22.85 9.90	100.698
			1975	MONT	BIT	5.00	9028 9028	0.80 0.80	11.40 11.40	141.400
			1975	WYO	BIT	16.00	9356 9356	0.50 0.50	7.10 7.10	112.100
			1976	COLO	BIT	98.00	11956 10155	3.30 0.25	14.50 5.48	143.986
			1976	IOWA	BIT	31.50	10905 8932	9.13 4.02	20.29 12.19	88.436
			1976	MO	BIT	150.00	10932 9720	5.16 0.38	16.17 6.79	103.037
			1977	COLO	BIT	117.00	10438 9789	0.42 0.28	12.60 7.96	170.682
			1977	ILL	BIT	30.00	11171 10551	3.00 1.63	18.82 10.18	146.468
			1977	IOWA	BIT	22.50	11947 9216	5.77 3.70	21.24 12.48	92.669
			1977	KY	BIT	2.00	10912 10912	2.51 2.51	16.26 16.26	82.480
			1977	MO	BIT	165.50	12046 10130	2.86 0.46	10.99 7.45	115.162
			1978	COLO	BIT	86.00	10133 9837	0.39 0.33	9.93 7.76	196.641
			1978	ILL	BIT	53.00	11159 11003	3.42 2.76	12.39 9.85	156.279
			1978	IOWA	BIT	114.00	10209 9145	7.02 2.44	22.80 11.41	116.423
			1978	MO	BIT	276.40	10841 9568	5.62 2.16	17.09 6.40	132.851

IOWA-ILLINOIS GAS & ELECTRIC

TABLE 3.4 CONTD.

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STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
RIVERSIDE	BETTENDORF	202.00	1972	ILL	BIT	215.20	10810	9883	5.00	2.10	12.10	6.40	38.768
			1973	ILL	BIT	568.70	12034	10274	3.00	1.50	11.40	6.90	47.210
			1974	ILL	BIT	377.00	12382	10342	3.50	1.60	12.30	6.90	68.079
			1974	KY	BIT	9.50	12478	11532	3.30	2.20	8.20	6.50	111.294
			1974	MO	BIT	5.00	10702	9894	5.40	3.10	20.80	10.00	89.263
			1974	WYO	BIT	15.00	10503	9122	2.20	2.10	18.70	18.70	119.757
			1975	ILL	BIT	459.00	12432	10112	4.00	1.60	14.70	6.70	97.850
			1975	WYO	BIT	16.00	10793	10793	1.00	1.00	8.50	8.50	115.112
			1976	ILL	BIT	423.00	10862	10112	3.96	2.31	14.70	6.10	90.184
			1977	ILL	BIT	295.00	10840	9465	3.04	2.30	12.80	6.90	105.790
			1978	ILL	BIT	402.40	11800	9442	3.52	2.20	15.82	7.20	138.237
			1978	IOWA	BIT	2.30	10150	10150	2.68	2.68	9.67	9.67	131.300
			1978	KY	BIT	62.90	11194	10100	4.31	2.25	21.94	8.42	155.795
			1978	PENN	BIT	2.70	9674	9674	2.02	2.02	12.34	12.34	154.200
IOWA PUBLIC SERVICE GEORGE NEAL	SIOUX CITY	1046.06	1972	ILL	BIT	3.18	11898	11898	1.70	1.70	7.30	7.30	70.600
			1972	WYO	BIT	501.94	10026	9631	6.70	0.60	15.60	13.30	36.074
			1973	--	PC	43.58	15332	15025	5.20	5.10	1.80	0.40	44.726
			1973	COLO	BIT	1.54	11482	11482	0.30	0.30	4.50	4.50	70.200
			1973	ILL	BIT	47.10	11617	10984	3.40	1.10	11.40	8.70	71.770
			1973	WYO	BIT	979.28	11898	8703	1.70	0.07	18.70	6.20	42.165
			1974	--	PC	2.04	15332	15332	5.10	5.10	0.40	0.40	44.600
			1974	WYO	BIT	1174.55	10377	9381	0.90	0.30	13.50	6.80	55.565
			1975	MO	BIT	3.07	9862	9862	0.50	0.50	15.00	15.00	110.600
			1975	UTAH	BIT	3.45	10615	10615	0.50	0.50	6.90	6.90	142.700
			1975	WYO	BIT	969.00	10532	9646	0.90	0.30	13.30	8.80	76.094
			1976	WYO	BIT	1095.47	10460	9794	0.80	0.39	13.50	9.66	90.078
			1977	WYO	BIT	1303.12	10391	9981	0.52	0.45	12.41	9.92	115.611
			1978	WYO	BIT	996.30	10375	9733	0.59	0.51	15.30	10.65	131.179
MAYNARD	WATERLOO	97.40	1972	ILL	BIT	14.16	11068	10656	3.20	2.96	11.00	9.19	51.067
			1973	ILL	BIT	92.80	11175	10843	3.60	1.90	11.40	9.80	52.190
			1973	WYO	BIT	1.11	9778	9669	0.80	0.70	14.50	14.20	51.600
			1974	ILL	BIT	16.24	10995	10728	3.50	2.90	11.70	11.30	70.236
			1974	WYO	BIT	62.90	10902	10009	1.00	0.50	12.00	7.90	96.953
			1975	OKLA	BIT	25.54	11662	10120	3.10	1.20	16.70	8.30	121.893
			1975	WYO	BIT	18.85	10520	10429	1.00	0.80	8.60	8.50	103.310
			1976	KY	BIT	39.36	11919	11118	2.10	0.77	11.00	6.04	113.793
			1977	WYO	BIT	95.90	10391	10090	0.52	0.48	12.41	10.60	167.705
			1978	COLO	BIT	71.00	10960	9546	0.50	0.37	6.62	5.36	166.075
			1978	WYO	BIT	12.00	9792	9792	0.59	0.59	13.80	13.80	160.500
NEAL #3	SALIX	159.00	1975	WYO	BIT	183.04	10646	10131	0.90	0.60	9.10	7.00	56.916
			1976	WYO	BIT	1345.14	10668	9572	1.23	0.38	13.60	5.90	70.550
			1977	WYO	BIT	1250.66	10682	9405	1.07	0.50	16.10	7.42	73.691
			1978	WYO	BIT	1318.20	10560	9608	1.15	0.50	14.51	7.40	96.807
IOWA POWER & LIGHT COUNCIL BLUFFS	COUNCIL BLUFFS	780.60	1972	WYO	SUB	117.80	10580	10134	0.99	0.72	9.08	7.07	41.812
			1973	WYO	SUB	207.10	10418	8404	1.20	0.32	10.67	4.92	43.012
			1974	WYO	SUB	307.50	10572	10139	1.03	0.58	11.91	8.65	56.447
			1975	WYO	SUB	301.60	10750	10231	0.94	0.70	9.23	6.90	63.994
			1976	WYO	SUB	301.70	10773	10202	0.98	0.81	9.74	7.20	75.444
			1977	WYO	SUB	299.40	10680	9983	1.03	0.85	9.60	7.50	81.762
			1978	WYO	SUB	1381.30	10462	8377	0.86	0.35	8.70	4.50	62.151

TABLE 3.4 CONTD.

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STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE Btu		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
DES MOINES	DES MOINES	269.64	1972	IOWA	BIT	204.24	10231	8173	6.50	0.50	21.40	4.10	35.235
			1972	MO	BIT	1.08	9872	9872	2.70	2.70	9.30	9.30	38.900
			1972	WYO	BIT	8.82	10533	10533	0.90	0.90	6.80	6.80	47.800
			1973	IOWA	BIT	305.76	9998	8091	6.10	1.50	23.30	9.80	37.952
			1973	MO	BIT	2.62	9885	9885	3.60	3.60	11.30	11.30	39.500
			1973	WYO	BIT	147.36	10392	10053	1.30	1.00	10.20	7.00	50.758
			1974	IOWA	BIT	296.96	10306	7277	5.80	2.10	29.80	10.40	50.787
			1974	MO	BIT	23.82	10134	8516	3.70	3.00	20.50	10.10	60.513
			1974	WYO	BIT	43.65	10548	10467	0.90	0.80	7.30	7.10	53.268
			1974	WYO	SUB	180.32	8509	8050	1.20	0.50	7.50	5.20	61.091
			1975	IOWA	BIT	299.32	10252	7691	6.00	1.20	27.10	9.40	71.096
			1975	WYO	SUB	133.83	8355	8073	0.70	0.50	6.60	5.40	73.798
			1976	IOWA	BIT	311.20	10239	8013	6.53	0.77	23.40	10.10	78.871
			1976	WYO	SUB	181.79	8430	7861	0.71	0.30	6.60	5.30	82.225
			1977	IOWA	BIT	213.71	11080	7019	6.45	0.94	27.70	10.50	82.888
			1977	IOWA	SUB	17.67	8202	8202	0.55	0.55	5.50	5.50	87.900
			1977	WYO	BIT	18.45	8194	8194	0.52	0.52	6.30	6.30	85.700
			1977	WYO	SUB	148.62	8407	8082	0.63	0.41	5.80	5.00	93.182
			1978	IOWA	BIT	117.12	9613	8280	6.76	1.38	21.70	13.00	93.332
			1978	WYO	BIT	290.83	10347	5860	1.26	0.84	10.10	7.90	102.435
			1978	WYO	SUB	0.48	8350	8360	0.65	0.65	5.30	5.30	114.900
IOWA SOUTHERN UTILITIES BRIDGEPORT	EDDYVILLE	71.00	1972	IOWA	BIT	89.10	10559	8891	7.40	2.10	20.20	12.10	31.502
			1973	IOWA	BIT	153.10	10675	9170	7.10	1.80	18.40	10.60	33.599
			1973	KY	BIT	18.90	11760	10903	3.40	2.70	11.80	7.30	62.865
			1973	WYO	BIT	10.90	9774	9423	1.00	0.50	5.60	3.90	73.780
			1974	IOWA	BIT	150.00	10801	8329	4.90	1.70	21.30	10.90	43.366
			1974	MO	BIT	3.40	9622	8939	2.70	2.70	22.30	14.90	80.079
			1975	IOWA	BIT	51.80	10733	9542	3.60	2.00	18.30	12.90	57.559
			1975	WYO	BIT	0.60	9368	9388	0.80	0.80	4.90	4.90	107.500
			1976	ILL	BIT	0.70	10106	10106	2.40	2.40	7.80	7.80	97.800
			1976	IOWA	BIT	20.50	9717	9005	4.60	2.10	19.40	14.50	75.134
			1977	IOWA	BIT	38.90	10351	9175	3.80	1.80	23.20	12.60	74.495
			1977	OKLA	BIT	1.00	10722	10722	1.90	1.90	12.40	12.40	151.300
			1978	ILL	BIT	1.00	10758	10350	6.20	2.10	10.90	10.70	194.665
			1978	IOWA	BIT	21.50	10822	9041	4.30	1.60	19.60	9.80	96.724
			1978	OKLA	BIT	4.50	11759	11759	3.20	3.20	16.60	16.60	129.951
			1972	ILL	BIT	253.10	10308	9970	3.90	2.30	12.70	7.30	28.393
			1973	ILL	BIT	384.71	12326	9966	3.00	2.00	11.00	7.90	31.792
			1973	KY	BIT	54.60	11591	11000	3.50	3.50	9.50	9.00	65.029
			1973	WYO	BIT	8.10	9095	8660	0.60	0.50	6.40	4.10	65.296
			1974	ILL	BIT	357.90	12325	9879	2.60	2.00	17.10	6.90	51.243
BURLINGTON	BURLINGTON	188.19	1974	KY	BIT	31.00	11591	11000	3.50	2.90	10.40	9.50	64.886
			1974	MO	BIT	6.00	8879	8839	3.40	3.10	19.40	16.50	99.433
			1974	WYO	BIT	40.50	10035	8422	0.64	0.40	7.49	3.00	90.456
			1975	ILL	BIT	464.20	10279	9847	2.90	2.40	12.70	6.90	70.423
			1975	IOWA	BIT	44.40	10355	9052	3.50	2.40	19.90	12.30	92.734
			1975	WYO	BIT	15.10	9773	8343	0.60	0.40	6.90	3.70	92.448
			1976	ILL	BIT	478.80	10302	10038	2.50	2.40	8.30	7.10	75.199
			1976	IOWA	BIT	50.30	9908	9005	4.60	2.10	19.40	14.50	100.648
			1976	WYO	BIT	5.30	8689	8689	0.40	0.40	5.30	5.30	86.200
			1977	ILL	BIT	372.60	10358	10143	2.50	2.30	7.60	6.80	79.537
			1977	IOWA	BIT	24.30	10351	9205	3.80	1.80	23.20	4.70	56.740

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1977	KY	BIT	1.40	8684 8684	1.10 1.10	20.20 20.20	157.400
			1977	OKLA	BIT	6.90	12470 10722	3.40 1.50	14.80 6.80	144.666
			1977	WYO	BIT	32.60	8643 8081	0.40 0.30	6.90 4.00	117.849
			1978	ILL	BIT	261.90	11358 9802	2.90 1.90	10.90 5.20	123.512
			1978	IOWA	BIT	5.50	9181 9041	3.20 1.60	19.40 13.00	118.748
			1978	KY	BIT	2.90	11115 10454	3.30 3.00	21.70 16.60	148.313
			1978	OKLA	BIT	148.00	12845 10156	3.70 1.80	21.60 8.70	142.826
			1978	WYO	BIT	27.70	8313 8242	0.30 0.30	7.20 6.10	122.433
MUSCATINE PWR & WTR MUSCATINE	MUSCATINE	120.00	1972	ILL	BIT	128.64	11600 10000	3.30 2.40	9.70 6.30	40.530
			1973	ILL	BIT	143.42	11204 10321	3.20 2.40	9.70 9.50	44.426
			1973	KY	BIT	36.04	12350 11000	3.20 3.00	11.90 7.30	50.745
			1974	ILL	BIT	188.06	11204 10200	3.20 2.90	11.20 9.70	67.850
			1974	MONT	BIT	6.99	8450 8450	0.70 0.70	7.70 7.70	96.300
			1974	WYO	BIT	29.48	10600 8125	0.50 0.50	6.00 5.50	92.694
			1975	ILL	BIT	291.60	11200 10200	3.07 3.00	10.20 9.70	77.956
			1976	ILL	BIT	224.38	11200 10400	3.07 2.80	10.10 9.00	115.440
			1977	ILL	BIT	250.90	11200 10556	3.46 2.48	10.10 7.90	118.200
			1977	KY	BIT	55.30	11824 11824	3.50 3.15	9.60 9.60	104.000
			1978	ILL	BIT	245.77	11200 10556	3.06 2.48	10.50 7.90	129.968
PELLA MUNICIPAL POWER & LIGHT PELLA	PELLA	43.50	1974	IOWA	BIT	66.76	9959 9122	6.85 4.20	18.60 14.10	49.694
			1975	IOWA	BIT	90.34	10534 9027	5.14 3.20	19.21 11.93	64.697
			1976	IOWA	BIT	90.82	9927 9054	5.20 0.90	18.00 13.20	73.817
			1977	IOWA	BIT	101.43	9671 8758	5.59 0.50	18.05 14.13	73.680
			1978	IOWA	BIT	101.74	9821 8761	6.89 0.46	18.27 12.31	97.563
KANSAS										
EMPIRE DIST ELECTRIC RIVERTON	JOPLIN	145.00	1972	KAN	BIT	0.22	11003 11003	5.10 5.10	18.60 18.60	27.700
			1973	KAN	BIT	39.05	13486 11002	5.30 3.10	18.60 11.00	37.785
			1974	--	PC	0.72	14385 14159	4.10 3.90	2.20 0.40	35.252
			1974	KAN	BIT	54.06	12729 10386	5.50 2.90	20.10 10.10	53.521
			1974	OKLA	BIT	52.61	12473 11872	5.10 3.50	14.70 10.90	59.986
			1975	KAN	BIT	31.46	12392 10544	4.50 3.30	19.70 11.30	79.069
			1975	OKLA	BIT	133.55	12270 11698	5.30 3.15	13.90 10.69	70.190
			1976	KAN	BIT	8.72	12345 10455	4.47 3.73	19.90 13.07	59.591
			1976	OKLA	BIT	189.49	12404 11314	4.61 3.47	18.30 11.73	78.645
			1977	KAN	BIT	22.43	12899 9967	6.48 2.00	23.30 11.20	60.603
			1977	OKLA	BIT	179.21	12713 11868	4.71 1.63	13.30 9.60	84.786
			1978	OKLA	BIT	247.95	12863 10944	4.96 0.77	19.12 9.40	112.067
KANSAS CITY POWER & LIGHT LA CYGNE	LA CYGNE	1558.17	1973	KAN	BIT	812.00	9450 8934	5.30 4.60	27.20 24.50	24.369
			1974	KAN	BIT	1241.00	9756 9277	5.50 4.90	26.40 8.60	26.480
			1975	KAN	BIT	1475.10	9734 9125	5.50 4.80	27.40 23.20	32.768
			1976	--	PC	10.90	14200 14200	4.50 4.50	0.50 0.50	69.400
			1976	KAN	BIT	1452.60	9638 8986	5.33 4.80	28.80 24.20	38.204
			1976	MO	BIT	1.00	11092 11092	4.44 4.44	12.20 12.20	69.100
			1976	OKLA	BIT	34.50	12655 12100	4.04 3.16	13.00 11.60	56.244

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1976	WYO	BIT	107.00	8350 8098	0.47 0.34	6.10 5.00	67.666
			1977	--	PC	171.90	14200 14200	4.50 4.50	0.50 0.50	69.832
			1977	KAN	BIT	2066.20	12637 8568	5.76 3.11	30.90 10.90	51.824
			1977	OKLA	BIT	16.90	12154 12066	3.72 3.70	11.70 11.10	54.900
			1977	WYO	BIT	1778.90	9965 8317	0.94 0.33	14.60 5.10	66.641
			1978	--	PC	42.90	14200 14000	4.50 4.50	0.50 0.50	71.162
			1978	KAN	BIT	1199.70	12601 9037	5.54 3.64	28.50 12.50	76.378
			1978	WYO	BIT	2539.20	8476 8339	0.41 0.33	5.60 5.00	77.129
KANSAS CITY BD OF PUB UTILS										
KAW	KANSAS CITY	161.00	1972	OKLA	BIT	13.85	11582 11047	4.40 3.90	17.00 15.20	40.063
			1973	ILL	BIT	2.87	11114 11019	3.00 2.50	10.30 9.80	62.549
			1973	KAN	BIT	50.54	12639 11876	4.40 3.40	15.70 10.00	41.712
			1973	MO	BIT	3.33	12672 12672	3.90 3.90	10.80 10.80	44.900
			1973	OKLA	BIT	15.39	11842 11530	4.10 3.90	15.20 13.70	40.894
			1974	ILL	BIT	2.00	11150 11150	2.90 2.90	10.50 10.50	61.900
			1974	KAN	BIT	18.97	12088 11956	4.40 3.20	13.10 12.30	51.675
			1974	OKLA	BIT	24.54	11978 11346	5.40 3.60	16.10 14.00	49.697
			1975	KAN	BIT	56.51	12646 9096	6.10 3.60	25.40 11.30	90.830
			1975	OKLA	BIT	86.36	12622 10756	6.20 3.47	17.30 10.40	98.923
			1976	KAN	BIT	3.98	12193 11785	4.91 4.60	14.00 13.10	104.758
			1976	OKLA	BIT	197.28	13312 10682	6.78 0.88	19.50 5.30	94.691
			1977	KAN	BIT	3.63	12548 12096	5.12 3.34	13.90 7.90	103.725
			1977	OKLA	BIT	194.10	13694 10766	5.34 0.37	20.10 5.60	97.845
			1978	KAN	BIT	71.16	12487 10552	5.50 4.02	22.00 11.20	113.386
			1978	MO	BIT	2.49	11500 10586	4.02 3.66	19.80 17.30	106.626
			1978	OKLA	BIT	132.26	13618 10276	5.12 0.98	22.30 7.50	109.837
			1978	WYO	BIT	3.45	10670 10670	0.79 0.79	12.40 12.40	145.600
QUINCY	KANSAS CITY	333.00	1972	OKLA	BIT	4.22	11809 11809	4.10 4.10	13.80 13.80	38.300
			1973	OKLA	BIT	13.11	12194 10559	5.10 3.20	17.20 11.50	38.293
			1973	WYO	BIT	0.70	11427 10117	0.70 0.50	12.60 6.60	52.889
			1974	--	PC	4.42	14298 13813	4.70 4.20	1.10 0.20	40.075
			1974	OKLA	BIT	49.69	12317 10422	4.80 2.90	17.20 11.00	50.055
			1974	WYO	BIT	33.11	11127 10424	0.70 0.50	12.80 8.50	68.522
			1975	ARK	BIT	10.43	11840 10190	4.40 1.50	25.90 15.30	122.848
			1975	KAN	BIT	119.94	12608 12140	5.20 4.00	14.60 11.10	89.935
			1975	OKLA	BIT	72.49	13381 10731	5.90 2.00	19.90 8.30	68.473
			1975	WYO	BIT	106.62	10728 9830	0.60 0.50	14.70 9.40	90.135
			1976	KAN	BIT	186.97	12615 12153	5.27 4.56	14.50 11.90	98.793
			1976	MO	BIT	1.07	10622 10622	4.46 4.46	16.30 16.30	103.600
			1976	OKLA	EIT	184.21	13475 11400	7.47 0.25	18.90 5.30	87.432
			1977	KAN	EIT	97.73	12794 11927	4.78 3.76	14.00 11.20	99.052
			1977	OKLA	EIT	246.88	13443 10337	4.32 0.60	19.40 5.40	93.595
			1978	KAN	BIT	134.21	12620 12287	4.54 4.22	13.60 12.00	112.619
			1978	OKLA	BIT	183.47	13160 10415	4.43 0.85	21.70 4.40	106.415
			1978	WYO	BIT	16.45	10748 10475	0.46 0.37	11.20 10.20	144.266
FORM 423 PLT # 0300	--	-	1972	--	PC	11.54	14561 14237	4.60 3.30	1.00 0.40	25.058
			1972	OKLA	BIT	33.20	12162 11337	4.60 4.00	15.40 12.30	36.980
			1973	--	PC	12.66	15141 14240	4.50 2.70	0.80 0.20	26.161
			1973	ILL	BIT	3.02	11249 11249	3.00 3.00	9.40 9.40	61.300
			1973	KAN	BIT	1.79	12251 12251	3.60 3.60	12.20 12.20	37.200
			1973	OKLA	BIT	74.12	11949 10360	4.70 1.90	15.40 11.60	39.894
			1973	WYO	BIT	95.18	11285 10383	0.70 0.40	13.90 6.30	52.256
			1974	--	PC	11.72	14625 13464	4.70 4.10	1.20 0.30	30.147

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1974	OKLA	BIT	37.24	11968 11662	4.30 2.90	14.30 13.30	46.156
			1974	WYO	BIT	36.58	11223 10490	0.70 0.50	11.90 7.60	56.458
KANSAS GAS & ELECTRIC NEOSHO	PARSONS	113.50	1973	KAN	BIT	1.00	11370 11370	2.60 2.60	10.00 10.00	42.900
THE KANSAS POWER & LIGHT CO JEFFREY ENERGY CNT	ST. MARYS	0.	1977	WYO	BIT	534.90	10507 8288	0.60 0.34	8.60 5.10	67.256
			1978	WYO	BIT	2230.67	8453 8338	0.39 0.33	5.50 5.00	71.798
LAWRENCE	LAWRENCE	613.35	1972	KAN	BIT	100.60	12238 11965	3.90 3.30	13.90 12.50	31.712
			1973	KAN	BIT	171.50	12305 11989	4.50 3.40	14.20 12.40	34.084
			1974	KAN	BIT	34.70	12708 12377	3.50 3.10	11.80 11.10	37.837
			1974	WYO	BIT	58.20	10957 10022	0.60 0.50	12.60 8.20	89.774
			1975	WYO	BIT	798.80	10114 9588	0.60 0.40	14.90 11.30	98.980
			1976	WYO	BIT	723.40	10251 10034	0.60 0.50	11.70 10.20	106.305
			1977	WYO	BIT	708.60	10322 9786	0.62 0.49	13.90 9.40	119.633
			1978	COLO	BIT	46.50	10875 10501	0.79 0.61	11.80 8.90	124.778
			1978	WYO	BIT	786.30	10128 9730	0.63 0.49	14.00 11.30	133.683
TECUMSEH	TECUMSEH	346.10	1972	KAN	BIT	39.80	12724 12181	4.40 3.80	13.90 10.90	31.514
			1973	KAN	BIT	141.80	12618 12007	4.20 3.40	14.40 10.50	34.261
			1974	KAN	BIT	21.40	12732 12377	3.30 2.80	12.30 10.80	37.976
			1974	WYO	BIT	28.70	11123 10039	0.50 0.40	11.30 6.70	89.531
			1975	WYO	BIT	338.80	10208 9620	0.70 0.40	15.10 11.10	98.241
			1976	WYO	BIT	342.10	10254 9850	0.60 0.50	13.10 10.30	108.752
			1977	WYO	BIT	310.90	10272 9718	0.60 0.50	14.10 10.00	119.673
			1978	COLO	BIT	38.20	10845 10374	0.74 0.61	12.00 8.90	125.083
			1978	WYO	BIT	412.00	10099 9624	0.63 0.48	15.10 11.50	135.097
KENTUCKY										
BIG RIVERS RURAL ELEC COOP COLEMAN	HAWESVILLE	521.30	1972	IND	BIT	404.01	11000 10624	3.90 3.30	12.40 11.70	22.449
			1972	KY	BIT	455.51	11200 10672	4.50 3.00	13.60 11.10	27.295
			1973	IND	BIT	455.22	11045 10280	5.10 3.00	14.80 11.70	29.188
			1973	KY	BIT	1016.22	11469 10196	5.00 3.00	16.30 8.20	29.112
			1974	IND	BIT	254.20	11053 9879	4.80 3.10	17.20 8.70	44.618
			1974	KY	BIT	1326.20	11425 9836	4.60 2.30	24.50 8.80	36.397
			1975	IND	BIT	97.50	10984 10038	4.50 3.50	14.40 12.00	46.367
			1975	KY	BIT	1393.00	12548 8374	5.87 1.40	28.10 8.10	46.538
			1976	IND	BIT	72.90	11941 10280	3.50 1.07	14.00 4.50	73.250
			1976	KY	BIT	1210.20	11754 9190	6.35 0.90	24.10 8.50	50.825
			1976	OHIO	BIT	41.00	11600 11337	3.04 2.24	16.80 14.10	90.313
			1976	W.V.	BIT	3.00	11566 11566	0.78 0.78	17.80 17.80	73.400
			1977	ILL	BIT	2.80	11757 11757	1.53 1.53	9.80 9.80	92.300
			1977	IND	BIT	710.00	12093 9164	4.60 1.06	18.50 4.80	78.093
			1977	KY	BIT	728.21	12742 9494	5.00 1.22	22.60 6.80	83.021
			1977	OHIO	BIT	221.20	12357 10486	3.60 0.89	21.20 10.30	87.559
			1978	ARK	BIT	2.70	12320 12320	3.35 3.35	11.70 11.70	117.400
			1978	IND	BIT	357.00	11603 9225	4.26 1.01	19.50 5.10	85.168
			1978	KY	BIT	997.59	12957 9912	4.62 0.90	17.70 5.40	100.875
			1978	OHIO	BIT	133.50	11948 10356	3.52 1.67	18.10 12.10	104.540
			1978	OKLA	BIT	8.50	13254 13048	3.36 3.09	10.70 8.90	141.736
			1978	TENN	BIT	24.60	11540 10362	3.32 2.55	21.40 10.70	144.130

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978													
STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU			
REID	SEBREE	80.60	1972	KY	BIT	166.53	11234 9896	4.40 3.00	15.70 12.20	25.515			
			1973	--	PC	1.20	14573 14573	4.70 4.70	2.10 2.10	33.600			
			1973	IND	BIT	15.00	11061 10569	5.10 3.30	14.80 10.40	36.431			
			1973	KY	BIT	758.90	11258 9891	5.00 2.30	18.20 9.10	35.209			
			1974	IND	BIT	88.40	10761 10179	3.80 2.70	17.50 13.00	60.614			
			1974	KY	BIT	1364.00	11927 9235	4.70 2.40	23.00 10.10	57.496			
			1975	KY	BIT	1167.50	11446 8293	4.39 2.40	30.20 9.20	52.875			
			1976	IND	BIT	7.60	11754 9982	4.28 1.30	17.40 6.30	69.733			
			1976	KY	BIT	1241.90	11926 8807	5.57 0.92	26.90 8.32	58.787			
			1977	--	PC	43.00	14000 14000	4.00 2.00	10.00 0.50	58.900			
			1977	IND	BIT	40.80	11737 10438	3.51 0.89	17.40 5.40	83.423			
			1977	KY	BIT	1240.69	12246 9780	4.86 1.74	21.30 6.60	63.449			
			1977	OHIO	BIT	1.60	10931 10931	4.10 4.10	16.50 16.50	74.900			
			1978	--	PC	2.80	14000 14000	5.15 4.00	0.50 0.20	55.350			
			1978	IND	BIT	233.80	11860 10369	4.13 1.12	13.60 5.20	89.056			
			1978	KY	BIT	957.20	12722 9806	4.66 1.34	19.70 6.90	87.240			
			1978	OHIO	BIT	5.90	12463 12463	1.95 1.95	12.90 12.90	102.000			
EAST KENTUCKY RURAL ELEC COOP COOPER	BURNSIDE	320.85	1972	KY	BIT	302.46	12925 11410	4.05 1.13	15.01 7.21	34.232			
			1972	TENN	BIT	192.26	12948 11784	4.24 1.17	14.32 8.79	36.606			
			1973	KY	BIT	371.43	13170 10845	4.55 1.44	20.21 6.55	35.526			
			1973	TENN	BIT	287.37	12920 9726	3.35 1.10	29.50 9.77	39.150			
			1974	KY	BIT	178.13	13330 9324	4.00 0.80	30.80 5.70	99.328			
			1974	TENN	BIT	484.40	13219 9665	4.00 1.10	27.50 9.10	124.757			
			1975	KY	BIT	648.62	13186 9265	6.00 0.60	23.70 6.40	82.753			
			1975	TENN	BIT	102.30	13091 9815	3.80 1.10	25.20 9.80	106.173			
			1976	KY	BIT	640.86	12932 11393	5.70 0.90	16.30 7.10	80.302			
			1976	TENN	BIT	185.30	13569 9944	4.20 1.00	27.10 5.90	80.786			
			1977	KY	BIT	742.10	13073 10041	3.90 0.60	21.60 7.10	103.002			
			1978	KY	BIT	834.10	13773 10027	3.20 0.54	25.90 4.00	122.557			
			DALE	FORD	176.00	1972	KY	BIT	131.43	12799 10924	3.20 0.41	16.87 9.52	34.186
						1973	KY	BIT	549.77	13061 10262	2.65 0.61	21.61 6.10	35.121
						1974	KY	BIT	316.60	12928 7822	3.80 0.40	30.00 7.40	102.241
						1975	KY	BIT	358.46	12534 9298	3.40 0.40	19.50 4.60	90.768
						1976	KY	BIT	352.10	12243 10767	2.00 0.69	17.10 7.90	82.353
			1977	KY	BIT	379.73	12822 10566	10.40 0.50	17.80 5.40	96.037			
			1978	KY	BIT	297.30	12676 9945	2.90 0.50	25.70 5.50	118.939			
			SPURLOCK	HAYSVILLE	300.00	1976	KY	BIT	118.30	12577 12189	1.08 0.70	7.30 4.40	132.396
1977	KY	BIT				387.20	12577 10362	2.60 0.70	16.90 4.00	123.025			
1978	KY	BIT				681.60	12547 10100	2.60 0.80	19.00 8.50	141.049			
HENDERSON MUNICIPAL PWR & LT HENDERSON	HENDERSON	40.59	1972	IND	BIT	26.36	11387 11062	4.30 3.50	12.15 8.00	26.790			
			1972	KY	BIT	25.13	10970 10590	4.80 3.50	15.00 12.20	33.675			
			1973	IND	BIT	76.00	11705 10528	5.10 2.60	13.10 9.30	28.534			
			1973	KY	BIT	12.00	11203 10328	4.20 2.80	15.80 9.70	33.040			
			1973	VA	BIT	2.00	10328 10328	3.40 3.40	15.80 15.80	34.900			
			1974	IND	BIT	76.07	11816 8284	6.20 1.20	25.20 5.20	54.820			
			1974	KY	BIT	2.00	12305 12305	3.20 3.20	12.90 12.90	57.900			
			1975	IND	BIT	45.00	11779 10490	4.50 2.90	14.10 9.70	71.340			
			1975	EY	BIT	21.00	11319 9851	3.80 2.00	16.50 15.40	65.391			
			1976	IND	BIT	51.00	11801 9738	5.80 2.70	20.60 9.56	61.855			
			1977	IND	BIT	112.00	11338 9569	3.45 1.30	16.70 7.90	85.611			

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1977	KY	BIT	26.00	11028 9516	3.90 2.86	24.60 13.70	94.753
			1978	IND	BIT	118.00	11534 9775	3.23 1.16	14.70 7.80	96.098
KENTUCKY POWER (AEP) BIG SANDY	LOUISA	1096.80	1972	KY	BIT	1168.89	12500 11116	1.40 0.80	16.30 8.80	35.224
			1973	KY	BIT	1620.28	13020 9234	2.40 0.60	26.20 7.80	38.080
			1973	W.V.	BIT	145.90	13231 11203	2.00 0.90	14.20 9.10	43.816
			1973	W.V.	SUB	1.60	12315 12315	1.40 1.40	13.30 13.30	47.200
			1974	KY	BIT	2546.60	13691 7670	4.70 0.40	33.50 3.10	98.686
			1974	TENN	BIT	2.10	11544 10857	1.50 0.80	17.80 13.10	187.732
			1974	VA	BIT	6.60	11900 10582	2.20 0.70	18.20 12.20	189.556
			1974	W.V.	BIT	8.90	12492 12492	1.30 1.30	10.90 10.90	63.500
			1975	KY	BIT	2213.97	13076 9255	5.40 0.50	28.40 5.90	80.054
			1975	VA	BIT	0.30	10841 10355	1.60 1.00	15.00 12.30	52.891
			1975	W.V.	BIT	0.40	11959 11959	0.90 0.90	9.90 9.90	86.400
			1976	KY	BIT	2419.68	13401 10243	3.01 0.58	19.40 5.00	78.620
			1977	KY	BIT	2869.86	13289 9504	2.28 0.52	23.30 6.00	94.376
			1977	OHIO	BIT	5.30	11514 11502	1.10 0.95	18.60 16.50	110.417
			1977	W.V.	BIT	33.40	13504 11433	1.76 0.80	20.40 5.70	109.684
			1978	KY	BIT	2394.38	12613 9556	2.66 0.59	24.90 8.40	109.798
			1978	OHIO	BIT	4.20	10840 10057	2.15 0.90	18.40 15.10	123.800
			1978	VA	BIT	35.30	12447 9581	1.28 0.72	33.40 7.90	171.969
			1978	W.V.	BIT	2.10	11838 11188	2.99 0.70	18.70 11.00	131.069
KENTUCKY UTILITIES BROWN	BURGIN	739.53	1972	KY	BIT	557.20	13085 11234	4.90 0.60	18.60 8.50	38.663
			1973	KY	BIT	1465.69	13217 10943	4.23 0.57	18.30 6.40	40.898
			1974	IND	BIT	191.20	11389 9682	3.82 1.93	14.30 9.00	99.582
			1974	KY	BIT	986.59	12685 8881	3.83 0.60	28.00 7.30	87.457
			1974	TENN	BIT	80.40	12427 9893	3.63 1.23	27.20 11.70	157.981
			1975	IND	BIT	94.60	11589 10950	3.74 2.87	12.70 11.40	113.973
			1975	KY	BIT	1341.30	13420 8794	4.23 0.76	30.60 5.79	90.555
			1976	KY	BIT	1253.50	13073 8656	4.70 0.59	23.46 6.00	83.854
			1977	IND	BIT	58.46	11535 10475	4.87 1.07	16.59 8.06	124.206
			1977	KY	BIT	1228.66	13049 10000	5.83 0.61	23.93 6.26	103.463
			1977	TENN	BIT	111.17	13834 11398	3.16 0.76	15.65 4.19	123.747
			1978	KY	BIT	1215.84	13109 8861	6.48 0.49	28.03 5.60	129.808
			1978	TENN	BIT	322.21	12494 11062	3.22 1.15	18.26 9.60	129.151
GHENT	GHENT	1113.30	1973	IND	BIT	50.90	11214 10921	3.46 2.70	10.40 8.30	40.502
			1973	KY	BIT	144.24	10800 10800	3.80 3.70	14.50 12.20	39.487
			1974	IND	BIT	1129.94	11049 10797	3.55 2.80	12.30 9.60	42.296
			1974	KY	BIT	95.60	11424 10096	3.98 1.42	21.51 12.20	155.944
			1975	IND	BIT	1321.55	11032 10550	3.51 2.68	11.60 8.95	58.153
			1976	IND	BIT	1423.04	11488 9867	3.79 2.59	17.24 9.56	61.307
			1976	KY	BIT	282.89	12258 10065	4.97 0.68	15.76 9.44	94.496
			1977	IND	BIT	825.28	11057 10915	3.47 3.01	10.10 9.18	67.782
			1977	KY	BIT	1204.81	12921 8991	4.20 0.59	23.11 4.62	129.803
			1977	OHIO	BIT	67.82	11996 9756	3.47 0.45	20.43 9.33	108.004
			1977	W.V.	BIT	1.35	9998 9998	2.84 2.84	22.51 22.51	90.000
			1978	IND	BIT	929.59	11347 9326	4.26 2.01	15.90 8.88	82.076
			1978	KY	BIT	1087.38	13400 10474	4.17 0.56	15.92 3.75	159.497
			1978	OHIO	BIT	15.39	9607 9607	2.19 2.19	16.12 16.12	141.900
GREEN RIVER	CENTRAL CITY	263.64	1972	KY	BIT	337.60	12632 10669	5.90 0.80	17.20 3.70	30.836
			1973	KY	BIT	581.49	12442 10308	4.20 0.60	17.10 6.40	34.720

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
PINEVILLE	FOUR MILE	37.50	1974	KY	BIT	667.03	12613 6933	4.40 0.50	36.60 6.70	74.279
			1975	KY	BIT	548.77	11903 8846	4.20 0.87	28.20 8.15	62.443
			1976	KY	BIT	713.98	12937 10078	4.42 0.69	18.82 6.58	68.866
			1977	KY	BIT	421.74	12756 9851	5.79 0.64	21.39 7.33	83.853
			1978	KY	BIT	297.44	12374 8042	3.91 0.64	17.49 8.15	107.636
			1972	KY	BIT	80.90	12980 11030	3.60 0.60	17.50 8.90	34.895
			1973	KY	BIT	34.74	13092 9664	6.80 0.50	25.30 3.30	32.361
			1974	KY	BIT	30.04	13218 10758	3.14 0.60	18.40 3.70	112.078
			1975	KY	BIT	32.85	13590 11221	2.21 0.69	15.82 3.92	88.019
			1976	KY	BIT	40.99	12626 11684	1.43 0.91	13.50 9.84	74.716
	VERSAILLES	137.50	1977	KY	BIT	37.36	12797 11949	1.50 0.84	15.43 9.76	77.936
			1978	KY	BIT	46.40	13532 10874	2.09 0.74	19.62 5.90	106.380
			1972	KY	BIT	56.60	12216 11123	1.10 0.60	18.70 8.00	38.193
			1973	KY	BIT	81.21	12182 10629	2.50 0.50	16.00 7.40	44.465
			1974	KY	BIT	48.08	12347 10149	2.80 0.70	25.80 9.40	127.694
			1975	KY	BIT	52.69	12661 10598	1.45 0.73	17.30 11.20	106.812
			1976	KY	BIT	110.24	12658 10534	1.09 0.63	18.81 8.50	84.468
			1977	KY	BIT	136.36	12940 11282	1.74 0.50	16.16 5.12	103.467
			1978	KY	BIT	75.42	13422 10800	1.07 0.76	15.80 3.18	143.688
			1978	TENN	BIT	0.96	13428 13428	0.96 0.96	5.88 5.88	151.100
LOUISVILLE GAS & ELECTRIC CANE RUN	LOUISVILLE	1016.69	1972	KY	BIT	830.90	11741 11003	3.90 2.30	16.10 9.00	32.693
			1973	KY	BIT	1855.10	11833 10868	4.50 0.40	15.20 10.50	33.920
			1974	KY	BIT	1397.10	11565 10581	4.20 2.60	15.60 9.60	50.820
			1975	KY	BIT	1722.40	11824 10697	4.30 3.10	15.10 11.40	61.307
			1976	KY	BIT	1816.80	11372 10808	4.19 3.16	15.40 12.20	64.012
			1977	KY	BIT	1734.19	11544 10335	4.31 1.41	17.70 9.30	77.910
			1978	IND	BIT	8.50	10013 9883	1.86 1.60	22.80 21.20	168.724
			1978	KY	BIT	1827.68	12333 8262	5.40 1.17	32.40 9.00	117.477
	PADDYS RUN	337.50	1972	KY	BIT	46.00	12101 11127	3.30 1.60	12.40 7.10	34.152
			1973	KY	BIT	187.60	12021 10884	4.30 1.50	14.10 7.50	36.651
			1974	KY	BIT	50.70	12016 10464	3.80 1.50	15.00 8.60	84.506
			1975	KY	BIT	20.70	11816 11081	3.60 1.30	13.60 11.10	66.567
			1976	KY	BIT	59.40	11765 10957	4.73 3.18	14.30 10.90	67.634
			1977	KY	BIT	147.70	12106 10938	4.37 2.90	16.00 10.20	79.864
			1978	IND	BIT	9.30	10892 9670	3.16 2.41	29.70 13.60	153.075
			1978	KY	BIT	231.70	13159 9541	5.39 1.35	29.70 6.10	122.215
	MILL CREEK	1173.60	1972	KY	BIT	498.80	11196 10995	4.00 3.10	14.60 12.50	31.536
			1973	KY	BIT	662.20	11400 10947	4.30 3.50	14.90 12.50	33.288
			1974	KY	BIT	884.10	11205 10529	4.00 3.20	15.90 11.30	40.713
			1975	KY	BIT	1580.90	11138 10927	4.20 3.79	14.50 13.70	56.373
			1976	KY	BIT	1563.10	11063 10761	5.19 3.78	15.90 13.60	63.884
			1977	KY	BIT	1068.90	11195 10671	4.09 1.81	16.20 12.80	76.385
			1978	IND	BIT	81.40	13475 9768	4.03 1.70	19.30 11.30	109.697
			1978	KY	BIT	2254.58	11682 9835	4.32 1.34	20.50 10.20	114.282
OWENSBORO MUNICIPAL UTILITIES SMITH	OWENSBORO	416.00	1972	KY	BIT	228.85	11156 10780	3.10 2.90	10.60 10.00	24.288
			1973	KY	BIT	565.40	11244 10760	3.20 3.10	12.20 9.30	30.798
			1974	IND	BIT	2.00	10218 10218	4.10 4.10	12.20 12.20	97.800
			1974	KY	BIT	885.00	12930 10078	4.20 2.90	15.00 10.50	57.351
			1975	IND	BIT	18.00	10350 10349	5.70 5.60	14.20 14.20	96.600
			1975	KY	BIT	996.49	11853 9764	4.30 3.00	15.70 9.30	89.945

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU			
OWENSBORO #1	OWENSBORO	-	1976	KY	BIT	1114.03	10759 10004	4.44 3.10	14.70 12.00	76.807			
			1977	KY	BIT	575.80	10660 10360	3.54 2.41	13.71 12.10	72.229			
			1978	KY	BIT	958.00	11149 10116	3.17 2.47	14.80 10.00	104.601			
			1972	KY	BIT	38.16	11156 10780	3.10 2.90	10.60 10.00	21.914			
			1973	KY	BIT	65.70	11244 10760	3.20 3.10	12.20 9.30	30.907			
			1974	KY	BIT	34.90	12930 10193	3.40 2.90	14.30 10.50	39.259			
			1975	KY	BIT	11.40	10752 9764	3.60 3.40	15.70 11.60	84.642			
			1976	KY	BIT	12.00	10444 10192	3.47 3.14	14.20 12.70	77.598			
			1977	KY	BIT	624.70	10660 10157	3.37 2.29	13.70 12.20	81.639			
1978	KY	BIT	9.00	11149 10232	3.15 2.95	13.80 10.00	105.806						
TENNESSEE VALLEY AUTHORITY PARADISE	PARADISE	2558.20	1972	KY	BIT	4093.83	11037 9963	4.70 1.80	20.80 12.90	19.178			
			1973	KY	BIT	6900.63	11063 9787	4.70 2.20	21.70 13.10	20.822			
			1974	KY	BIT	4747.49	11167 8965	4.80 3.70	28.00 13.70	23.073			
			1975	KY	BIT	6546.77	11241 9028	4.70 4.10	27.30 13.70	41.228			
			1976	KY	BIT	6000.18	11301 9152	4.70 4.10	26.80 13.70	49.259			
			1977	KY	BIT	5800.92	11349 8586	5.20 3.80	29.30 13.10	63.444			
			1978	KY	BIT	4260.05	11325 9274	4.90 3.80	24.20 12.70	77.727			
			SHAWNEE	PADUCAH	1750.00	1972	ILL	BIT	1588.71	11500 9899	4.30 1.20	17.50 10.90	29.791
						1972	KY	BIT	724.16	12450 10000	4.60 1.70	15.80 7.30	33.972
						1973	ILL	BIT	2906.01	10925 9718	4.90 1.20	18.60 14.40	31.723
						1973	KY	BIT	1375.65	11842 10000	4.60 1.80	19.00 8.30	36.737
						1974	ILL	BIT	2013.64	10925 9407	4.70 1.60	21.20 11.00	40.146
						1974	KY	BIT	2031.61	11978 9970	4.70 2.50	21.20 8.30	43.307
						1974	MONT	BIT	69.91	8500 8500	1.00 1.00	9.30 9.30	110.700
						1975	ILL	BIT	1969.03	11288 9407	4.50 1.00	21.40 11.60	75.118
						1975	KY	BIT	3007.10	12500 10012	4.70 1.20	20.60 8.50	78.657
						1975	MONT	BIT	169.90	8500 8500	1.00 1.00	9.30 9.30	111.153
						1976	ILL	BIT	1471.50	12116 10040	4.80 1.00	21.40 6.90	85.710
						1976	IND	BIT	10.55	10902 10902	4.10 4.10	11.70 11.70	77.893
						1976	KY	BIT	3135.78	11965 10526	4.40 0.90	16.50 8.90	84.073
						1976	MONT	BIT	41.87	8550 8550	1.20 1.20	13.00 13.00	137.700
						1977	ILL	BIT	998.10	11671 10129	3.90 1.80	17.90 12.70	93.478
						1977	IND	BIT	123.23	11000 10450	4.00 2.40	14.40 12.00	84.766
						1977	KY	BIT	3049.52	11879 10500	4.60 0.90	16.90 9.00	95.348
			1977	OHIO	BIT	63.59	12000 10466	3.70 3.00	20.00 13.50	90.489			
			1977	WYO	BIT	41.66	8150 8150	0.30 0.30	6.30 6.30	137.813			
			1978	ALA	BIT	54.39	12000 11500	0.90 0.90	14.10 13.50	146.909			
			1978	ILL	BIT	662.41	10491 10028	3.70 2.40	20.00 13.70	109.215			
			1978	IND	BIT	99.34	11000 10143	3.90 1.90	16.00 10.60	108.234			
			1978	KY	BIT	1824.07	13400 10581	4.10 0.60	17.20 6.90	129.127			
			1978	MONT	BIT	50.40	8550 8550	0.90 0.90	9.60 9.60	163.730			
			1978	OHIO	BIT	76.39	10800 10800	3.20 3.20	13.50 13.50	130.080			
			1978	OKLA	BIT	10.73	12500 12500	4.30 4.30	14.30 14.30	114.200			
1978	VA	BIT	71.91	13507 13200	0.70 0.70	7.00 6.40	195.402						
1978	W.V.	BIT	128.57	13500 10800	2.70 0.60	16.20 9.20	154.047						
1978	WYO	BIT	445.92	8600 8000	0.70 0.40	7.40 5.80	140.022						
MARYLAND													
BALTIMORE GAS & ELECTRIC CRANE	BALTIMORE	399.84	1975	KY	BIT	9.00	13885 13885	0.78 0.78	2.70 2.70	146.500			

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
WAGNER	BALTIMORE	1042.55	1976	IMPT	BIT	8.00	11950 11950	0.66 0.66	9.60 9.60	133.700
			1976	KY	BIT	13.00	13193 13121	0.83 0.71	5.90 5.00	152.830
			1976	TENN	BIT	6.00	12551 12551	0.85 0.85	8.70 8.70	144.200
			1976	VA	BIT	7.00	13250 12350	0.79 0.58	13.10 8.50	184.444
			1972	W.V.	BIT	300.00	13504 13236	0.90 0.80	9.70 8.40	55.463
			1973	W.V.	BIT	665.00	13443 12603	1.00 0.80	11.90 7.70	65.518
			1974	W.V.	BIT	647.00	13218 12221	1.40 0.70	11.40 8.70	105.598
			1975	W.V.	BIT	656.00	13203 12120	1.00 0.79	11.40 9.30	177.844
			1976	W.V.	BIT	319.00	13451 12787	1.00 0.80	10.50 7.50	185.460
			1977	W.V.	BIT	594.00	13489 12952	0.95 0.80	9.50 7.10	188.508
			1978	W.V.	BIT	342.00	13383 12986	0.96 0.80	10.00 7.10	198.446
DELMARVA POWER & LIGHT-MD VIENNA	VIENNA	229.50	1972	MD	BIT	1.00	12092 12092	0.90 0.90	8.90 8.90	63.700
			1972	W.V.	BIT	3.00	13324 12789	0.70 0.70	9.10 8.70	63.675
POTOMAC ELECTRIC POWER CHALK	PRINCE GEO. CO.	1386.67	1972	MD	BIT	16.00	12515 11687	1.60 1.20	12.90 12.10	50.607
			1972	PENN	BIT	603.00	13162 11983	2.30 0.90	16.80 8.50	51.286
			1972	W.V.	BIT	25.00	13627 12481	2.00 0.80	12.50 6.30	50.583
			1973	MD	BIT	65.00	13000 11358	2.00 1.30	14.70 6.40	55.846
			1973	PENN	BIT	864.00	13285 10723	2.60 0.70	19.00 8.20	51.970
			1973	W.V.	BIT	108.00	12858 9795	1.70 0.90	20.20 8.20	57.433
			1974	MD	BIT	224.00	12300 9846	3.30 1.50	25.90 14.50	137.281
			1974	PENN	BIT	911.00	13151 9611	3.20 0.70	30.80 9.20	129.118
			1974	W.V.	BIT	42.00	13042 10224	3.80 1.10	26.50 10.20	111.261
			1975	MD	BIT	8.00	12150 12150	1.60 1.60	13.50 13.50	117.400
			1975	PENN	BIT	822.00	12903 10218	3.12 0.51	21.80 10.40	122.501
			1976	MD	BIT	116.00	12710 11470	2.17 0.97	15.20 10.40	113.859
			1976	PENN	BIT	698.00	12910 11500	2.33 1.00	16.80 8.60	110.844
			1976	W.V.	BIT	8.00	13616 11785	3.52 0.86	16.00 10.50	109.637
			1977	MD	BIT	93.00	12763 11255	2.08 1.21	16.50 11.60	113.436
			1977	PENN	BIT	611.00	13172 11542	2.40 0.79	16.90 8.40	112.352
			1977	W.V.	BIT	19.00	12554 12095	1.86 0.74	16.20 9.70	117.984
			1978	MD	BIT	145.00	12500 11321	2.14 0.95	19.30 12.00	132.727
			1978	PENN	BIT	439.00	13164 11629	2.48 0.89	15.90 7.70	131.220
			1978	W.V.	BIT	4.00	12617 12204	0.95 0.52	14.30 10.20	139.121
DICKERSON	DICKERSON	586.50	1972	MD	BIT	24.00	12337 10592	1.90 1.60	15.40 12.60	48.468
			1972	PENN	BIT	368.00	12993 11946	2.20 1.30	15.90 9.00	49.982
			1972	W.V.	BIT	175.00	13000 11963	2.80 0.80	16.20 5.50	47.180
			1973	MD	BIT	146.00	12739 10717	2.00 1.30	15.00 12.00	54.115
			1973	PENN	BIT	903.00	13000 10852	2.40 1.20	16.60 9.60	52.787
			1973	W.V.	BIT	277.00	12920 9795	2.10 1.10	20.20 10.50	51.020
			1974	MD	BIT	38.00	11280 10858	2.40 1.70	19.70 14.70	100.830
			1974	PENN	BIT	967.00	12985 9271	3.30 0.60	22.20 9.50	126.643
			1974	VA	BIT	28.00	13737 8665	2.10 0.40	19.20 5.70	105.644
			1974	W.V.	BIT	380.00	12741 9552	3.00 1.10	23.60 10.70	131.938
			1975	KY	BIT	8.00	11940 11851	1.10 1.10	9.60 8.10	124.254
			1975	MD	BIT	214.00	12205 10786	2.00 1.60	16.70 12.50	120.204
			1975	PENN	BIT	605.00	12718 10724	2.73 0.86	16.90 8.60	119.061
			1975	W.V.	BIT	202.00	12793 11751	2.35 1.10	17.20 10.40	116.078
			1976	MD	BIT	237.00	12568 10882	2.10 0.87	14.80 9.50	110.192
			1976	PENN	BIT	672.00	13075 11224	2.50 0.88	15.10 10.20	107.366
			1976	W.V.	BIT	406.00	12937 10696	2.78 0.50	17.80 9.30	107.047

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE ¢/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
MORGANTOWN	CHARLES CO.	1251.00	1977	MD	BIT	392.00	12733	11253	1.92	0.75	16.50	11.30	111.554
			1977	PENN	BIT	844.00	12824	10862	2.09	1.00	16.90	10.20	109.677
			1977	W.V.	BIT	276.00	13057	11356	2.06	0.96	17.20	9.30	110.310
			1978	MD	BIT	310.00	12523	11549	2.16	0.86	16.60	10.10	140.426
			1978	PENN	BIT	663.00	13107	11409	2.10	0.92	16.10	7.30	131.384
			1978	W.V.	BIT	120.00	13117	11854	1.71	0.72	15.50	7.30	134.393
			1972	MD	BIT	8.00	12326	12191	2.30	1.40	14.60	14.60	49.249
			1972	PENN	BIT	299.00	13170	11607	3.00	0.90	16.80	8.10	50.640
			1972	W.V.	BIT	26.00	12420	11869	2.70	1.90	16.70	15.20	52.094
			1973	MD	BIT	21.00	12191	10239	1.90	1.40	23.20	14.60	79.692
			1973	PENN	BIT	433.00	13337	10720	3.00	0.40	20.40	7.50	53.077
			1973	W.V.	BIT	52.00	13173	11243	2.30	1.70	18.50	10.00	60.313
			1974	MD	BIT	121.00	12300	10226	2.80	0.90	24.90	13.80	112.731
			1974	PENN	BIT	592.00	13430	9725	3.70	0.40	26.20	9.10	117.140
			1974	W.V.	BIT	1.00	10528	10528	1.60	1.60	23.90	23.90	96.900
			1975	MD	BIT	95.00	12535	10418	2.15	0.90	14.30	7.00	117.919
			1975	PENN	BIT	811.00	13338	10876	3.02	0.70	21.50	9.80	118.085
			1975	W.V.	BIT	19.00	13106	10598	1.80	0.70	15.90	7.10	122.273
			1976	MD	BIT	388.00	13426	10778	1.93	1.02	16.00	9.80	112.311
			1976	PENN	BIT	1282.00	13385	11066	2.41	0.77	16.80	8.60	110.399
			1976	VA	BIT	3.00	13284	13284	0.83	0.83	11.70	11.70	100.400
			1976	W.V.	BIT	37.00	13616	11537	3.52	0.50	14.30	10.00	107.253
			1977	MD	BIT	325.00	13711	10921	2.72	0.77	16.60	10.00	115.379
			1977	PENN	BIT	1603.00	13451	11542	2.29	0.78	17.50	7.30	113.605
			1977	W.V.	BIT	8.00	12554	12110	1.47	0.50	15.00	9.70	117.555
			1978	MD	BIT	386.00	12410	11321	2.08	1.27	17.90	12.20	133.551
			1978	PENN	BIT	1730.00	13164	11386	2.53	0.78	18.70	7.40	131.488
			1978	W.V.	BIT	8.00	12547	12106	1.02	0.52	14.30	12.70	138.333
THE PCTONAC EDISON CO-MD (APS) SMITH	WILLIAMSPORT	109.50	1972	MD	BIT	74.10	12901	10126	1.80	0.70	21.00	7.90	40.703
			1972	PENN	BIT	44.30	13813	8357	1.70	0.50	22.30	6.20	37.467
			1972	W.V.	BIT	2.90	13649	11154	1.30	0.90	18.00	8.30	41.723
			1973	MD	BIT	189.80	13563	8918	1.40	0.60	25.60	4.80	43.217
			1973	PENN	BIT	37.00	12743	9311	1.50	0.40	25.70	9.60	38.184
			1973	W.V.	BIT	6.20	12399	9832	2.30	0.70	21.00	6.30	38.486
			1974	MD	BIT	247.80	12977	7410	2.80	0.60	34.50	7.80	101.711
			1974	PENN	BIT	6.60	12850	10275	1.30	0.70	27.60	10.20	114.871
			1974	W.V.	BIT	8.90	11472	10585	0.60	0.50	21.50	18.40	121.247
			1975	MD	BIT	216.30	13665	9456	1.80	0.60	25.30	8.90	114.006
			1975	PENN	BIT	2.50	10139	8671	1.10	0.60	29.90	11.00	91.478
			1975	VA	BIT	5.00	12450	11250	3.30	0.80	19.50	13.20	131.980
			1975	W.V.	BIT	14.30	13356	10977	2.50	0.50	20.50	5.50	131.248
			1976	MD	BIT	330.02	12973	10002	1.55	0.62	26.40	9.50	97.333
			1976	PENN	BIT	38.77	12390	10063	1.33	0.49	16.60	10.20	90.390
			1977	MD	BIT	38.49	12237	9836	1.29	0.68	24.60	9.70	89.659
			1977	PENN	BIT	352.66	12482	9825	2.16	0.53	25.80	10.30	81.317
			1977	W.V.	BIT	0.07	11800	11800	1.00	1.00	15.00	15.00	106.000
			1978	MD	BIT	161.69	13448	7244	2.09	0.53	32.70	11.40	91.292
			1978	PENN	BIT	165.13	13821	9588	2.64	0.66	20.60	9.40	96.341
			1978	W.V.	BIT	0.04	11800	11800	1.00	1.00	15.00	15.00	106.000

MASSACHUSETTS

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
HOLYOKE WATER POWER (NU) MOUNT TOM	HOLYOKE	136.00	1973	PENN	BIT	6.00	11850 11850	1.70 1.70	14.40 14.40	98.300
			1974	PENN	BIT	118.40	13139 11215	2.40 0.90	15.90 6.60	125.486
FORM 423 UTILITY # 296000 FORM 423 PLT # C200	--	-	1972	ILL	BIT	5.00	13343 13343	0.90 0.90	8.00 8.00	55.100
			1972	PENN	BIT	19.99	13343 13131	0.90 0.90	8.00 8.00	55.544
			1972	W.V.	BIT	8.00	13343 13343	0.90 0.90	8.00 8.00	55.100
MONTAUP ELECTRIC SOMERSET	FALL RIVER	290.00	1973	IMPT	BIT	12.70	12205 12205	0.80 0.80	10.00 10.00	79.000
			1974	IMPT	BIT	148.46	12301 11702	0.70 0.60	9.60 8.20	97.464
			1975	IMPT	BIT	16.70	11725 11725	0.70 0.70	8.60 8.60	97.500
NEW ENGLAND POWER (FEES) BRAYTON	SOMERSET	1600.25	1974	IMPT	BIT	681.00	13270 11518	1.00 0.50	14.90 6.90	116.815
			1974	KY	BIT	168.00	11920 11050	2.10 0.60	17.60 13.60	159.593
			1974	VA	BIT	27.00	11740 11740	0.70 0.70	14.90 14.90	169.500
			1974	W.V.	BIT	80.00	12510 11370	1.40 0.70	14.30 12.80	153.590
			1975	IMPT	BIT	188.00	12795 11725	0.70 0.50	12.60 9.30	111.055
			1975	KY	BIT	288.00	12508 11710	1.40 0.90	14.50 10.50	146.211
SALEM HARBOR	SALEM	805.25	1974	KY	BIT	152.00	11440 10020	1.00 0.50	22.30 15.80	176.101
			1974	VA	BIT	5.00	10930 10930	0.50 0.50	16.60 16.60	198.600
			1974	W.V.	BIT	148.00	12010 10930	1.60 0.50	19.30 13.30	175.436
MICHIGAN										
CONSUMERS POWER COBE	MUSKEGON	510.50	1972	IND	BIT	276.70	11927 10389	3.30 1.50	15.20 6.20	46.653
			1972	KY	BIT	541.90	12295 10750	3.80 1.30	12.70 6.60	45.732
			1973	ILL	BIT	179.60	12115 11122	3.50 1.40	10.40 7.10	48.344
			1973	IND	BIT	237.50	11589 10786	4.00 1.30	12.00 7.50	47.781
			1973	KY	BIT	1354.70	12380 11206	4.60 1.90	13.60 6.20	50.082
			1974	ILL	BIT	60.20	11829 11021	4.00 2.70	11.20 8.10	90.918
			1974	IND	BIT	105.80	11730 10940	4.50 2.70	12.20 7.90	93.673
			1974	KY	BIT	1432.28	12475 8951	4.50 0.70	30.20 6.00	111.006
			1974	OHIO	BIT	197.80	12534 9822	4.10 0.70	21.70 9.80	86.441
			1974	PENN	BIT	1.60	11334 11334	3.30 3.30	11.70 11.70	196.600
			1974	W.V.	BIT	74.10	13178 10627	3.50 0.90	21.30 7.00	131.417
			1975	ILL	BIT	73.50	11340 11124	3.50 3.00	10.20 7.90	125.596
			1975	IND	BIT	82.20	11365 10880	4.53 1.70	13.20 8.40	110.962
			1975	KY	BIT	932.59	12861 11006	4.20 2.40	12.10 5.50	77.032
			1975	OHIO	BIT	137.00	12029 11144	4.00 2.10	16.40 11.80	116.931
			1975	W.V.	BIT	137.60	13434 12700	5.50 2.34	12.90 9.80	113.664
			1976	ILL	BIT	297.80	11411 10843	3.25 2.71	12.80 9.10	112.071
			1976	IND	BIT	68.50	11509 11097	4.57 3.56	11.90 10.30	93.880
			1976	KY	BIT	1010.80	12497 10903	4.79 2.79	12.90 6.60	84.627
			1976	OHIO	BIT	167.60	12308 11067	3.31 1.83	16.60 11.10	119.541
			1976	W.V.	BIT	24.30	12700 12228	3.85 2.34	14.50 12.90	130.724
			1977	ILL	BIT	472.50	11567 10994	3.84 2.81	11.00 8.90	112.680
			1977	IND	BIT	20.60	11378 11378	3.93 3.93	10.30 10.30	105.305
			1977	KY	BIT	861.80	13080 10767	4.32 0.74	16.50 6.70	92.359
			1977	OHIO	BIT	22.40	12534 11058	3.01 0.88	15.30 9.70	130.982

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COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STREAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
KARN/WEADOCK	ESSEXVILLE	1767.00	1978	ILL	BIT	672.80	11279 10971	3.47 2.69	11.30 8.90	137.096
			1978	IND	BIT	104.30	11174 10860	4.12 3.20	12.50 10.70	135.390
			1978	KY	BIT	401.50	11914 11251	3.47 0.87	11.70 6.40	98.399
			1978	OHIO	BIT	187.40	11444 11213	3.18 2.75	17.10 14.70	129.126
			1972	KY	BIT	237.20	13480 10796	2.10 0.60	18.70 8.60	53.126
			1972	OHIO	BIT	1007.00	11631 11082	3.40 2.60	15.00 11.50	42.202
			1972	W.V.	BIT	218.30	13585 11986	4.30 0.60	14.70 7.90	54.786
			1973	OHIO	BIT	2068.29	12210 10362	4.30 2.30	18.30 10.80	47.089
			1973	W.V.	BIT	15.30	12954 12084	2.90 2.30	10.80 10.50	47.454
			1974	KY	BIT	113.10	12200 9320	3.30 0.70	29.00 10.00	207.478
			1974	OHIO	BIT	1617.20	12534 10003	4.10 0.70	21.70 9.80	57.826
			1974	PENN	BIT	9.70	11334 11334	3.30 3.30	11.70 11.70	194.700
			1974	W.V.	BIT	97.70	13184 10627	3.70 0.90	21.30 10.10	83.419
			1975	KY	BIT	10.60	12234 12234	3.94 3.94	13.80 13.80	69.500
			1975	OHIO	BIT	668.70	11845 10827	3.63 2.80	16.70 12.90	82.052
			1975	W.V.	BIT	33.20	12915 12706	2.90 2.21	13.20 12.30	104.513
			1976	KY	BIT	31.10	13248 11711	3.05 0.70	12.00 6.20	139.497
			1976	OHIO	BIT	1667.00	12206 10975	3.63 2.24	16.60 11.50	82.095
			1976	W.V.	BIT	290.20	13312 12490	3.54 1.93	12.90 10.10	110.196
			1977	KY	BIT	160.00	14000 10395	1.55 0.70	21.40 4.10	147.505
			1977	OHIO	BIT	1177.10	11650 10857	3.46 2.47	16.40 11.20	97.603
			1977	W.V.	BIT	300.20	13057 11981	3.01 2.30	14.60 10.10	114.281
			1978	KY	BIT	204.10	12984 11432	1.13 0.58	13.20 5.70	146.895
			1978	OHIO	BIT	1223.90	11773 11099	3.74 2.56	17.20 10.90	126.614
FORM 423 PLT # 1300	--	-	1978	W.V.	BIT	222.20	13184 12360	3.13 0.54	13.00 8.50	123.532
			1972	KY	BIT	21.40	13246 12602	0.60 0.60	4.90 4.20	59.833
			1972	W.V.	BIT	5.40	13127 13127	1.80 1.80	9.80 9.80	62.756
			1973	KY	BIT	2.40	13246 13246	0.60 0.60	4.90 4.90	60.867
			1973	W.V.	BIT	19.60	13600 13127	1.80 0.80	9.80 5.00	67.183
			1972	OHIO	BIT	786.80	11261 11176	3.40 2.80	15.40 13.90	37.617
			1973	OHIO	BIT	1573.60	11273 11181	3.50 2.60	15.90 12.90	44.355
			1974	KY	BIT	1.40	12062 10500	2.60 0.80	18.00 7.50	46.885
			1974	OHIO	BIT	1494.00	11249 11005	3.60 2.70	17.40 13.80	59.658
			1975	OHIO	BIT	1675.20	11254 10972	3.70 2.30	17.20 13.90	83.578
			1975	W.V.	BIT	0.10	12148 12148	2.50 2.50	12.00 12.00	180.700
			1976	KY	BIT	8.30	13100 12066	4.08 0.82	8.20 6.50	126.894
			1976	OHIO	BIT	1438.40	11753 10860	3.56 2.60	17.70 12.00	107.010
			1977	ILL	BIT	0.20	10988 10988	3.07 3.07	10.00 10.00	128.000
			1977	IND	BIT	0.10	11509 11509	3.74 3.74	10.30 10.30	106.100
			1977	KY	BIT	37.80	13187 11770	0.91 0.60	12.40 5.90	145.563
			1977	OHIO	BIT	1239.00	11259 11042	3.05 2.53	16.80 10.90	108.543
			1977	W.V.	BIT	10.50	12893 12893	0.60 0.60	8.80 8.80	146.000
			1978	KY	BIT	73.90	12460 11745	0.89 0.65	12.80 9.60	164.285
			1978	OHIO	BIT	1342.30	11514 10720	3.15 2.38	14.70 10.80	115.114
WEADOCK	ESSEXVILLE	614.50	1978	W.V.	BIT	0.20	12792 12792	0.70 0.70	9.80 9.80	147.200
			1975	OHIO	BIT	1353.20	12022 10689	4.00 2.60	17.10 11.20	72.322
WHITING	ERIE	325.00	1975	W.V.	BIT	179.30	13501 12573	4.00 2.20	13.80 10.10	100.812
			1972	KY	BIT	0.10	12359 12359	0.80 0.80	12.90 12.90	56.000
			1972	OHIO	BIT	348.80	11979 11401	4.50 2.30	15.50 10.80	41.941
			1973	KY	BIT	531.60	13408 11453	2.80 0.60	13.20 5.30	59.564
			1973	OHIO	BIT	0.10	11740 11740	2.90 2.90	14.20 14.20	43.500
			1973	W.V.	BIT	359.30	13343 11889	1.10 0.70	14.60 5.50	63.360
			1974	KY	BIT	843.29	13219 9320	2.50 0.60	23.90 6.00	119.379
			1974	OHIO	BIT	49.70	11408 10958	4.10 3.30	16.00 15.60	62.246

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1974	TENN	BIT	13.20	12330 12000	1.00 0.90	11.40 8.00	181.660
			1974	W.V.	BIT	186.60	13298 10627	3.20 0.70	21.30 6.60	86.566
			1975	KY	BIT	893.50	13254 10445	2.50 0.60	20.20 6.10	117.844
			1976	KY	BIT	963.30	13497 10129	1.43 0.64	20.40 5.20	121.467
			1976	OHIO	BIT	0.10	12084 12084	1.31 1.31	5.90 5.90	92.600
			1977	KY	BIT	907.29	13309 11133	1.20 0.51	14.50 5.90	128.894
			1977	W.V.	BIT	41.90	12854 12194	0.77 0.56	13.20 9.40	133.531
			1978	KY	BIT	874.69	12854 11583	1.26 0.64	16.30 5.00	143.726
			1978	W.V.	BIT	38.60	13221 12363	0.79 0.56	13.20 8.00	143.691
DETROIT PUBLIC LIGHTING COMM MISTERSKY	DETROIT	174.00	1972	KY	BIT	190.21	12731 11389	1.20 0.70	11.80 6.18	51.457
			1973	KY	BIT	311.20	12796 10027	2.90 0.59	17.20 8.80	56.839
			1974	KY	BIT	376.20	12055 10501	2.50 0.70	21.70 10.00	166.516
			1975	KY	BIT	209.68	13165 11370	2.11 0.30	20.16 6.70	117.170
HOLLAND BOARD OF PUBLIC WKS JAMES DE YOUNG	HOLLAND	77.25	1972	--	PC	16.78	14823 13823	4.80 3.61	1.60 0.00	41.304
			1972	ILL	BIT	46.06	12374 11647	3.14 1.86	11.50 9.05	47.332
			1973	--	PC	27.19	15471 15148	5.10 3.76	0.70 0.05	38.767
			1973	ILL	BIT	97.82	12879 12709	3.24 2.95	12.56 10.90	46.259
			1973	ILL	PC	5.18	15410 15410	5.12 5.12	0.00 0.00	38.700
			1973	IND	BIT	7.60	12625 12625	2.81 2.81	3.26 3.26	48.500
			1973	IND	PC	2.56	15246 15246	4.88 4.88	0.36 0.36	39.100
			1974	--	PC	22.54	15236 12851	4.98 1.20	8.00 0.38	53.783
			1974	ILL	BIT	90.10	13052 12624	3.41 2.88	12.30 10.80	76.958
			1974	ILL	PC	2.86	14954 14954	4.45 4.45	1.31 1.31	54.000
			1975	--	PC	26.59	14500 12200	5.00 4.10	0.70 0.40	109.349
			1975	ILL	BIT	84.70	12100 11559	3.10 2.68	11.30 9.60	122.761
			1976	KY	BIT	103.93	13294 10921	4.40 0.84	17.10 7.87	100.234
			1976	OHIO	BIT	20.60	12274 12015	1.59 1.49	11.06 9.04	113.009
			1977	--	PC	25.90	14166 13852	4.48 4.04	0.69 0.14	82.074
			1977	ILL	PC	1.60	13852 13852	4.48 4.48	0.69 0.69	83.000
			1977	KY	BIT	71.40	12230 11250	2.16 1.50	11.70 10.41	111.998
			1977	OHIO	BIT	57.00	12185 11111	2.16 0.84	12.57 6.48	121.984
			1978	--	PC	40.12	14200 13932	4.60 4.44	6.50 0.50	73.000
			1978	KY	BIT	9.90	11968 11968	1.11 1.11	12.05 12.05	170.000
			1978	PENN	BIT	135.91	13109 11221	2.67 1.38	15.60 7.16	169.810
LANSING BD OF WTR & LIGHT ECKRETT	LANSING	386.00	1972	OHIO	BIT	443.60	12939 11995	3.50 2.10	12.90 8.80	47.665
			1973	KY	BIT	2.60	12229 12229	0.90 0.90	11.30 11.30	55.700
			1973	OHIO	BIT	749.70	12960 11933	4.50 2.10	14.20 7.70	51.017
			1974	OHIO	BIT	388.50	12787 11327	3.50 2.20	15.60 8.30	76.866
			1975	OHIO	BIT	520.40	12219 11850	3.90 2.80	12.80 10.80	102.599
			1976	KY	BIT	310.30	12342 12049	2.99 2.36	12.40 10.50	111.955
			1976	OHIO	BIT	229.10	12342 12049	2.99 2.36	12.40 10.50	109.603
			1976	VA	BIT	42.60	12237 12237	2.47 2.47	11.80 11.80	115.100
			1977	KY	BIT	48.66	12250 12192	2.57 2.32	11.40 10.20	127.165
			1977	OHIO	BIT	537.86	12394 12134	2.75 1.30	12.00 8.49	129.056
			1977	VA	BIT	16.86	12192 12192	2.57 2.57	11.40 11.40	131.800
			1978	KY	BIT	191.00	12328 12036	1.89 0.73	11.60 7.40	161.428
			1978	OHIO	BIT	490.20	12564 12002	1.81 0.64	11.40 7.32	158.868
BRICKSON	LANSING	160.00	1973	KY	BIT	2.40	11846 11846	1.00 1.00	14.80 14.80	61.800

TABLE 3.4 CONTD.

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STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
OTTAWA	LANSING	81.50	1973	OHIO	BIT	269.50	12630	11910	3.90	2.20	13.40	8.70	52.104
			1974	OHIO	BIT	358.50	12585	11327	3.50	2.30	15.60	8.30	76.943
			1975	OHIO	BIT	436.30	12219	11850	3.90	2.80	12.80	10.80	102.327
			1976	KY	BIT	179.90	12342	12049	2.99	2.36	12.40	10.50	112.338
			1976	OHIO	BIT	250.70	12342	12049	2.99	2.36	12.40	10.50	110.360
			1977	KY	BIT	21.76	12192	12192	2.57	2.57	11.40	11.40	131.800
			1977	OHIO	BIT	550.06	12394	12134	2.75	1.30	12.00	8.50	128.071
			1977	VA	BIT	35.56	12250	12192	2.57	2.32	11.40	10.20	129.348
			1978	KY	BIT	27.50	12077	12036	1.37	0.87	11.60	10.90	161.540
			1978	OHIO	BIT	295.10	12746	11974	2.62	1.40	12.60	9.00	158.456
			1972	OHIO	BIT	9.60	12288	12288	2.70	2.70	11.90	11.90	48.900
			1974	OHIO	BIT	8.70	12420	12091	3.00	2.70	11.60	11.20	63.997
			1975	OHIO	BIT	21.50	12210	11850	3.90	2.80	12.30	11.40	101.214
			1976	OHIO	BIT	30.60	12279	12049	2.99	2.62	12.40	10.50	110.780
			1977	KY	BIT	26.00	12394	12134	2.75	1.30	12.00	8.50	135.252
			1977	OHIO	BIT	38.10	12291	12196	2.55	2.00	11.30	10.20	124.241
			1978	KY	BIT	54.20	13300	12036	1.81	0.64	11.60	3.40	159.689
MARQUETTE BD OF LT & PWR SHIRAS	MARQUETTE	33.66	1974	KY	BIT	49.00	11928	11803	3.90	3.16	10.10	9.12	76.754
			1974	MONT	SUB	10.10	9319	9319	0.45	0.45	6.91	6.91	86.200
			1975	KY	BIT	76.88	12501	11576	4.60	2.50	9.50	5.80	95.661
			1976	OHIO	BIT	88.36	12423	11854	3.77	3.42	8.80	5.50	110.000
			1977	OHIO	BIT	116.82	12349	12017	3.84	3.35	9.90	6.30	111.945
			1978	OHIO	BIT	50.60	12114	11294	3.08	2.79	6.10	5.60	130.953
			1978	PENN	BIT	36.10	12814	12590	1.57	1.30	9.32	9.24	145.395
MICHIGAN STATE UNIVERSITY PLANT #65	LANSING	40.00	1972	KY	BIT	39.61	13698	11704	1.06	0.49	14.50	5.53	55.492
			1973	KY	BIT	71.42	14210	11311	1.90	0.50	13.10	3.70	70.006
			1974	KY	BIT	63.09	14090	10530	2.60	0.50	21.50	4.40	118.310
			1974	VA	BIT	1.31	12238	12238	0.60	0.60	13.70	13.70	91.800
			1975	KY	BIT	66.88	13481	11765	0.80	0.60	17.20	5.10	123.662
			1975	VA	BIT	0.46	12500	12500	0.75	0.75	11.00	11.00	96.700
			1976	KY	BIT	150.08	13751	9946	1.42	0.45	20.40	3.50	113.864
			1976	VA	BIT	0.87	11225	9978	1.67	0.54	20.70	18.50	116.758
			1977	KY	BIT	169.47	13236	12291	0.91	0.56	9.60	4.60	126.756
			1978	KY	BIT	150.34	13051	9837	1.08	0.46	16.40	4.90	153.840
			1978	VA	BIT	6.52	12451	11886	1.39	0.79	12.70	11.50	163.582
			1978	W.V.	BIT	4.80	12650	11035	0.55	0.53	19.90	12.90	166.996
NORTHERN MICHIGAN ELECTRIC COOP ADVANCE	BOYNE CITY	37.00	1972	ILL	BIT	89.30	12718	11750	2.80	2.00	11.30	6.70	48.609
			1973	ILL	BIT	119.98	12415	11217	3.30	1.90	10.00	6.90	54.795
			1973	PENN	BIT	21.67	12710	12209	2.40	1.80	12.50	5.80	58.009
			1974	ILL	BIT	89.95	12827	12373	2.40	1.80	8.80	7.11	75.536
			1974	KY	BIT	6.51	11778	11778	2.50	2.50	10.40	10.40	179.400
			1974	OHIO	BIT	19.68	11464	7465	3.60	2.80	37.30	14.70	175.109
			1974	PENN	BIT	29.60	11767	11767	3.10	3.10	15.30	15.30	189.800
			1975	ILL	BIT	69.27	12727	11958	2.40	2.10	8.50	6.40	102.460
			1975	KY	BIT	33.53	12744	12300	0.70	0.60	8.50	6.40	191.259
			1975	PENN	BIT	18.01	12398	12142	3.20	1.70	12.50	11.10	131.758
			1975	W.V.	BIT	2.41	12000	11920	0.70	0.70	12.50	10.90	186.000
			1976	ILL	BIT	67.98	12697	12489	2.18	1.78	8.00	7.17	118.371

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1976	KY	BIT	36.25	13562 12400	0.66 0.65	7.92 4.90	152.172
			1976	PENN	BIT	8.93	12160 12074	2.96 1.90	13.30 12.60	104.749
			1977	ILL	BIT	90.43	12650 12449	2.13 1.82	7.90 7.12	123.129
			1977	KY	BIT	41.02	12590 11961	2.79 0.63	8.80 6.98	161.893
			1978	ILL	BIT	72.89	12635 12361	2.10 1.88	7.60 7.20	141.824
			1978	KY	BIT	37.69	12488 11592	3.33 0.67	11.00 7.40	179.865
			1978	OHIO	BIT	8.17	11961 11961	3.40 3.40	7.30 7.30	165.400
			1978	VA	BIT	1.50	12488 12488	0.76 0.76	10.50 10.50	187.800
THE DETROIT EDISON CO CONNERS CREEK	DETROIT	540.00	1972	KY	BIT	98.00	13790 11073	2.30 0.50	17.40 5.00	50.860
			1972	OHIO	BIT	261.00	12628 11391	4.80 0.90	16.30 9.80	46.164
			1972	PENN	BIT	1.00	12728 12728	3.50 3.50	10.30 10.30	44.200
			1972	W.V.	BIT	127.00	13554 11332	3.90 0.70	14.20 7.30	48.229
			1973	KY	BIT	351.00	13941 11182	3.30 0.50	17.30 4.90	58.073
			1973	OHIO	BIT	186.00	12292 11425	4.90 3.00	15.30 11.40	48.484
			1973	W.V.	BIT	239.00	13892 11499	3.60 0.30	18.80 4.00	53.044
			1974	KY	BIT	362.00	13622 9652	3.40 0.60	23.50 5.20	130.373
			1974	OHIO	BIT	127.00	12003 9899	4.20 0.80	19.80 10.60	109.828
			1974	W.V.	BIT	66.00	13420 10484	3.40 0.60	22.10 7.50	136.353
			1975	KY	BIT	489.00	13742 10838	4.31 0.49	19.17 4.04	111.365
			1975	OHIO	BIT	70.00	12109 11318	3.65 2.90	15.90 12.05	81.441
			1975	PENN	BIT	3.00	13672 13672	0.65 0.65	6.23 6.23	134.567
			1975	W.V.	BIT	30.00	12566 11278	3.89 0.64	13.41 7.13	92.634
			1976	KY	BIT	555.00	13647 11177	4.43 0.56	19.01 4.00	112.056
			1976	OHIO	BIT	21.00	12417 10719	3.85 2.45	15.26 12.69	117.357
			1976	W.V.	BIT	18.00	13012 12304	3.47 2.45	14.12 10.75	106.606
			1977	KY	BIT	526.00	12896 10868	3.64 0.54	19.23 4.59	123.300
			1977	OHIO	BIT	10.00	12048 10868	3.56 2.64	17.33 11.50	123.709
			1977	W.V.	BIT	6.00	13090 12000	2.72 0.90	12.56 10.60	95.012
			1978	KY	BIT	350.00	13655 10363	1.58 0.60	21.50 5.70	153.749
			1978	OHIO	BIT	2.00	11642 11562	3.90 3.20	14.40 12.40	125.354
			1978	VA	BIT	1.00	13186 13186	1.16 1.16	9.50 9.50	144.900
			1978	W.V.	BIT	18.00	12784 10634	1.30 0.58	21.50 7.40	157.994
HARBOR BEACH	HARBOR BEACH	121.01	1972	OHIO	BIT	136.00	12564 11418	4.80 2.30	16.30 10.70	40.736
			1972	PENN	BIT	2.00	12894 12894	2.80 2.80	11.30 11.30	42.600
			1972	W.V.	BIT	50.00	13110 11445	4.20 2.40	15.90 9.10	44.302
			1973	OHIO	BIT	103.00	12027 11432	4.80 2.90	15.20 12.80	42.390
			1973	PENN	BIT	7.00	13057 13057	3.50 3.50	9.10 9.10	43.800
			1973	W.V.	BIT	35.00	13049 12814	3.60 2.20	12.30 10.40	46.751
			1974	KY	BIT	15.00	11281 11281	3.00 3.00	15.10 15.10	74.300
			1974	OHIO	BIT	280.00	12207 10449	6.80 2.70	19.10 12.40	63.192
			1974	PENN	BIT	8.00	11460 10835	3.00 2.60	20.50 19.00	127.631
			1974	W.V.	BIT	46.00	13355 11054	3.60 1.40	23.70 10.60	130.510
			1975	KY	BIT	17.00	12369 11986	3.11 1.15	11.93 10.56	95.991
			1975	OHIO	BIT	137.00	12059 11318	4.20 2.98	15.68 12.46	74.080
			1975	W.V.	BIT	132.00	13159 12312	3.57 2.00	14.78 10.75	98.972
			1976	KY	BIT	5.00	13132 12426	0.81 0.68	11.68 6.40	98.665
			1976	OHIO	BIT	140.00	11890 10719	4.03 0.75	19.46 8.89	102.952
			1976	W.V.	BIT	139.00	13012 11928	3.47 2.55	16.16 10.61	118.671
			1977	KY	BIT	1.00	11747 11747	3.70 3.70	13.99 13.99	130.800
			1977	OHIO	BIT	192.00	12250 10876	4.04 2.58	17.33 11.20	114.196
			1977	PENN	BIT	17.00	12400 11914	3.35 1.90	15.66 12.78	129.169
			1977	W.V.	BIT	85.00	12648 11824	3.58 3.03	15.65 12.28	124.869

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COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
MARYSVILLE	MARYSVILLE	200.00	1978	KY	BIT	7.00	12433	10617	1.71	0.87	18.60	12.10	147.120
			1978	OHIO	BIT	102.00	11823	10254	4.02	2.35	16.00	12.40	130.225
			1978	PENN	BIT	76.00	13010	11384	3.20	0.96	16.60	9.70	137.009
			1978	W.V.	BIT	63.00	12677	11248	3.40	0.74	16.00	10.60	124.807
			1972	KY	BIT	24.00	13642	12204	2.20	0.60	13.40	4.80	51.077
			1972	OHIO	BIT	170.00	12594	11408	4.80	2.30	16.30	10.70	40.526
			1972	PENN	BIT	14.00	13002	12728	3.50	2.80	11.30	10.10	42.842
			1972	W.V.	BIT	137.00	13877	11332	4.20	0.70	14.80	6.10	44.932
			1973	KY	BIT	4.00	11749	11749	0.80	0.80	12.50	12.50	56.200
			1973	OHIO	BIT	332.00	12027	11136	5.30	2.80	16.20	12.50	43.123
			1973	PENN	BIT	15.00	12939	12939	3.30	3.30	9.10	9.10	44.200
			1973	W.V.	BIT	129.00	13286	12425	3.60	1.90	14.10	10.30	47.285
			1974	KY	BIT	78.00	12433	10907	4.10	0.70	16.60	9.90	117.152
			1974	OHIO	BIT	214.00	12003	9899	4.90	1.00	20.10	10.80	65.032
			1974	PENN	BIT	5.00	11460	10866	3.00	2.60	19.05	19.00	139.985
			1974	VA	BIT	4.00	12203	11983	0.80	0.70	17.40	15.60	123.360
			1974	W.V.	BIT	123.00	13355	10448	3.80	1.40	23.70	10.60	110.425
			1975	KY	BIT	386.00	13348	10838	3.85	0.49	17.68	4.04	113.776
			1975	MONT	BIT	4.00	8600	8600	0.80	0.80	10.50	10.50	89.100
			1975	OHIO	BIT	89.00	11758	11318	3.96	2.90	15.90	13.17	74.850
			1975	W.V.	BIT	65.00	12901	11278	3.89	0.66	16.11	9.23	110.234
			1976	KY	BIT	398.00	13424	10768	4.43	0.56	19.01	4.79	105.994
			1976	OHIO	BIT	159.40	11934	10719	4.21	2.55	17.41	12.42	108.692
			1976	PENN	BIT	4.00	12860	12860	3.17	3.17	9.54	9.54	117.200
			1976	W.V.	BIT	46.00	13012	12304	4.00	2.55	14.53	10.61	105.443
			1977	KY	BIT	511.00	13050	9204	3.64	0.52	27.55	4.59	126.794
			1977	OHIO	BIT	148.00	12250	10868	4.04	2.64	17.33	11.20	116.740
			1977	PENN	BIT	23.00	12666	11481	5.23	1.00	14.51	10.50	118.943
			1977	W.V.	BIT	23.00	13090	11990	3.48	0.65	14.04	12.00	119.117
			1978	KY	BIT	306.00	13999	10831	1.55	0.59	18.90	5.27	150.313
			1978	OHIO	BIT	9.00	12207	12043	3.47	3.30	11.70	10.70	126.276
			1978	PENN	BIT	9.00	12108	11202	3.02	2.57	18.20	14.80	170.043
			1978	TENN	BIT	2.00	11500	11500	1.20	1.20	14.00	14.00	131.400
			1978	VA	BIT	15.00	13186	11456	1.16	0.79	16.60	9.30	151.211
			1978	W.V.	BIT	66.00	12870	10634	1.68	0.59	21.50	7.40	150.720
PENNSALT	RIVERVIEW	37.00	1972	KY	BIT	23.00	13144	11260	2.20	0.50	17.40	6.40	50.820
			1972	OHIO	BIT	19.00	12089	11586	3.60	2.60	15.90	12.60	46.058
			1972	W.V.	BIT	27.00	13536	11332	3.20	0.50	14.20	6.90	51.781
			1973	KY	BIT	72.00	13817	11524	1.10	0.50	15.20	4.90	56.972
			1973	OHIO	BIT	29.00	12292	11272	4.90	3.40	16.30	11.40	50.189
			1973	W.V.	BIT	42.00	13611	11499	3.00	0.50	19.20	5.80	52.074
			1974	KY	BIT	52.00	13312	10480	3.40	0.60	23.70	7.30	143.302
			1974	OHIO	BIT	15.00	11810	11196	4.40	3.60	17.00	14.10	85.858
			1974	W.V.	BIT	40.00	13009	10484	3.40	0.80	22.10	12.70	149.485
			1975	KY	BIT	92.00	13165	11311	3.21	0.49	14.31	7.96	112.001
			1975	OHIO	BIT	4.00	11758	11650	2.98	2.90	15.90	13.17	82.009
			1975	W.V.	BIT	9.00	12539	12499	3.89	2.60	12.99	9.73	80.817
			1976	KY	BIT	113.00	13976	11177	1.30	0.56	16.27	5.30	109.520
			1976	OHIO	BIT	9.00	11629	11127	3.93	2.93	15.64	14.44	105.281
			1976	W.V.	BIT	9.00	12382	12382	3.47	3.47	14.12	14.12	122.200
			1977	KY	BIT	118.00	12616	10768	1.62	0.52	17.20	6.90	129.890
			1977	OHIO	BIT	13.00	11744	10868	3.88	2.87	16.70	12.77	119.103
			1977	PENN	BIT	1.00	11923	11923	3.25	3.25	13.40	13.40	117.700
			1977	W.V.	BIT	2.00	12000	11128	1.00	0.68	12.00	9.00	120.275

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
RIVER ROUGE	RIVER ROUGE	933.23	1978	KY	BIT	111.00	13999	10844	1.50	0.60	17.80	5.27	153.881
			1978	OHIO	BIT	5.00	12043	11642	3.49	3.20	12.40	11.20	126.642
			1978	TENN	BIT	2.00	13825	13825	0.90	0.90	5.62	5.62	134.200
			1978	VA	BIT	2.00	12373	12373	0.87	0.87	15.70	15.70	157.500
			1978	W.V.	BIT	18.00	12575	10634	1.18	0.62	21.50	7.70	148.666
			1972	KY	BIT	7.00	11659	11659	0.50	0.50	12.70	12.70	51.400
			1972	OHIO	BIT	490.00	12564	11840	4.10	2.30	15.40	9.50	42.126
			1972	PENN	BIT	240.00	13002	12526	3.60	3.20	10.80	9.70	42.569
			1972	W.V.	BIT	25.00	12662	12585	2.70	2.70	13.10	9.90	38.909
			1973	OHIO	BIT	863.00	12927	11745	4.30	2.50	15.30	4.80	44.198
			1973	PENN	BIT	264.00	13057	12207	3.80	3.00	10.60	9.10	42.549
			1973	W.V.	BIT	24.00	12962	12529	2.40	1.80	13.30	10.70	54.578
			1974	KY	BIT	80.00	12112	11145	2.00	0.70	17.70	9.70	104.557
			1974	OHIO	BIT	297.00	12380	11086	4.30	2.80	16.90	10.20	59.845
			1974	PENN	BIT	90.00	12797	12303	3.30	2.70	11.60	9.40	67.979
			1974	W.V.	BIT	65.00	13355	11093	3.70	1.40	19.89	10.10	127.789
			1975	OHIO	BIT	35.00	11749	11354	3.19	2.90	14.78	12.50	68.232
			1975	PENN	BIT	9.00	12380	12380	3.10	3.10	11.10	11.10	69.500
			1975	W.V.	BIT	18.00	12533	12533	2.70	2.70	13.20	13.20	61.500
			1976	KY	BIT	17.00	12567	11116	2.67	0.76	15.40	9.72	111.294
			1976	OHIO	BIT	23.00	11904	11758	2.98	2.95	13.17	13.07	84.284
			1976	W.V.	BIT	6.00	13012	13012	3.25	3.25	11.60	11.60	123.100
			1978	KY	BIT	603.00	13038	10609	1.55	0.60	19.00	7.50	135.520
ST CLAIR	BELLE RIVER	1905.01	1978	PENN	BIT	13.00	12000	12000	1.00	1.00	12.00	12.00	150.900
			1978	W.V.	BIT	2.00	12441	12273	0.98	0.75	13.00	12.40	153.603
			1972	OHIO	BIT	1665.00	12564	11418	4.80	2.30	16.30	10.70	38.421
			1972	PENN	BIT	49.00	13002	12728	3.50	3.00	10.30	10.00	42.975
			1972	W.V.	BIT	718.00	13262	12097	4.20	1.60	14.20	9.00	44.327
			1973	KY	BIT	24.00	12662	12662	1.90	1.90	13.20	13.20	48.800
			1973	MONT	BIT	110.00	9686	9686	0.30	0.30	3.90	3.90	79.200
			1973	OHIO	BIT	2073.00	12219	11136	4.80	2.30	18.20	11.80	42.357
			1973	PENN	BIT	34.00	12939	12939	3.30	3.30	9.10	9.10	44.600
			1973	W.V.	BIT	1218.00	13286	12425	3.60	1.80	14.10	9.90	47.216
			1974	KY	BIT	76.00	12433	11207	2.70	0.60	16.92	9.90	133.594
			1974	MONT	BIT	501.00	9830	9611	0.40	0.30	4.11	3.80	75.438
			1974	OHIO	BIT	1482.00	12041	9899	4.90	0.70	21.35	10.10	66.253
			1974	PENN	BIT	155.00	12891	10564	5.70	0.90	22.80	8.80	128.048
			1974	VA	BIT	6.00	12203	12055	0.90	0.80	17.02	15.60	129.242
			1974	W.V.	BIT	891.00	13193	10579	3.90	0.80	22.20	9.70	94.749
			1975	KY	BIT	537.00	13423	10521	5.65	0.49	20.02	5.80	121.258
			1975	MONT	BIT	884.00	9729	8600	0.80	0.35	10.50	3.42	86.630
			1975	OHIO	BIT	781.00	12096	11036	5.90	2.00	16.86	12.00	82.016
			1975	PENN	BIT	48.00	13672	12615	3.27	0.65	10.20	6.23	126.403
			1975	W.V.	BIT	733.00	13159	11278	3.89	0.66	17.20	5.10	110.193
			1976	KY	BIT	197.00	13976	10768	4.55	0.58	15.53	6.40	115.345
			1976	MONT	BIT	1330.00	9730	9567	0.41	0.37	4.49	3.99	92.640
			1976	MONT	SUB	380.00	9712	9712	0.36	0.36	4.12	4.12	95.400
			1976	OHIO	BIT	624.00	11934	10719	4.21	2.55	19.46	12.42	114.046
			1976	PENN	BIT	20.00	12628	12170	2.91	2.80	11.40	9.88	135.508
			1976	W.V.	BIT	374.00	13012	11928	4.00	2.44	16.16	10.61	125.490
			1977	KY	BIT	23.00	12271	11276	3.70	0.71	13.99	10.27	123.080
			1977	MONT	BIT	345.00	9627	9627	0.39	0.39	4.12	4.12	69.400
			1977	MONT	SUB	1951.00	9709	9590	0.41	0.33	4.46	3.97	97.923
			1977	OHIO	BIT	341.00	12108	10868	4.04	2.58	17.33	10.00	124.890

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
TRENTON CHANNEL	TRENTON	775.50	1977	PENN	BIT	139.00	13222	9876	4.38	1.00	20.00	8.20	121.585
			1977	W.V.	BIT	563.00	13090	11759	3.74	1.00	16.25	10.00	132.093
			1978	KY	BIT	38.00	12595	10301	2.29	0.32	18.90	7.40	139.507
			1978	MONT	SUB	2759.00	9751	8580	0.42	0.30	4.12	3.41	98.036
			1978	OHIO	BIT	171.00	12348	10254	4.02	2.70	17.70	10.20	129.616
			1978	PENN	BIT	101.00	13222	11033	3.42	1.05	18.20	8.20	130.661
			1978	VA	BIT	3.00	12373	12373	0.87	0.87	15.70	15.70	151.600
			1978	W.V.	BIT	163.00	12963	10809	3.20	0.62	18.50	7.40	126.387
			1972	KY	BIT	118.00	13026	11073	2.20	0.50	15.50	8.40	52.803
			1972	OHIO	BIT	824.00	12564	11744	4.10	2.10	13.20	10.50	33.277
			1972	PENN	BIT	40.00	13002	12682	3.50	3.20	10.10	10.10	42.651
			1972	W.V.	BIT	20.00	13877	11276	3.10	0.60	16.80	6.20	53.813
			1973	KY	BIT	258.00	13941	11210	1.30	0.50	17.20	4.90	59.506
			1973	OHIO	BIT	1365.00	12428	11626	4.00	2.20	12.80	9.80	38.163
			1973	PENN	BIT	122.00	12927	12718	3.70	3.00	9.90	9.10	42.568
			1973	W.V.	BIT	94.00	13892	12609	2.80	0.50	11.70	5.00	57.635
			1974	KY	BIT	647.00	13091	10175	4.00	0.50	23.70	9.60	151.398
			1974	OHIO	BIT	689.00	12500	10425	4.50	0.70	21.35	10.10	59.346
			1974	PENN	BIT	163.00	12797	12209	3.40	1.10	12.00	9.40	80.567
			1974	VA	BIT	2.00	12055	11983	0.90	0.70	17.40	17.02	124.594
			1974	W.V.	BIT	123.00	13009	10941	3.80	0.30	22.40	7.45	128.833
			1975	KY	BIT	1018.00	13713	10521	3.11	0.48	20.02	4.81	103.825
			1975	OHIO	BIT	260.00	12307	11036	3.33	1.27	16.86	10.05	86.071
			1975	PENN	BIT	66.00	12628	12020	3.10	1.60	11.30	7.40	119.535
			1975	W.V.	BIT	73.00	12607	11564	3.60	0.66	12.99	9.66	74.810
			1976	KY	BIT	1313.00	12660	10768	3.68	0.65	18.06	5.75	93.030
			1976	OHIO	BIT	303.00	11934	10719	3.94	2.55	19.46	12.42	99.678
			1976	PENN	BIT	54.00	13000	12300	3.18	2.05	10.65	9.11	113.534
			1976	W.V.	BIT	140.00	12989	11928	3.73	2.35	16.16	9.20	102.114
			1977	KY	BIT	1469.00	13128	10332	3.61	0.52	22.11	4.59	111.482
			1977	OHIO	BIT	274.00	12250	11080	4.04	2.58	17.33	11.20	115.367
			1977	PENN	BIT	204.00	13222	11200	5.23	1.48	18.17	8.21	120.884
			1977	W.V.	BIT	174.00	13090	11759	3.64	0.65	16.25	9.20	107.243
			1978	KY	BIT	1355.00	13999	10363	4.05	0.58	21.50	5.27	143.372
			1978	OHIO	BIT	57.00	11986	11608	3.50	2.70	13.50	10.20	132.539
			1978	PENN	BIT	82.00	13254	12264	2.87	1.66	11.20	8.40	129.386
			1978	VA	BIT	8.00	12716	12373	0.90	0.87	15.70	9.60	155.911
			1978	W.V.	BIT	143.00	12784	10634	3.40	0.53	21.70	7.40	138.228
WYANDOTTE	WYANDOTTE	41.50	1972	KY	BIT	120.00	13790	11073	2.40	0.50	17.90	4.90	51.504
			1972	OHIO	BIT	2.00	12089	12089	2.90	2.90	15.90	15.90	47.500
			1972	W.V.	BIT	31.00	13817	11276	3.10	0.60	16.80	6.60	53.663
			1973	KY	BIT	213.00	13941	11182	1.30	0.50	17.30	4.90	56.774
			1973	OHIO	BIT	36.00	12219	10836	4.40	2.80	12.90	11.50	52.305
			1973	W.V.	BIT	61.00	14009	11541	3.60	0.70	16.80	5.10	54.988
			1974	KY	BIT	261.00	13339	9971	2.70	0.50	28.50	5.60	135.877
			1974	OHIO	BIT	14.00	11344	10083	3.40	1.20	16.30	14.00	160.975
			1974	TENN	BIT	1.00	11425	11425	0.90	0.90	13.40	13.40	219.600
			1974	W.V.	BIT	19.00	12207	11085	3.40	0.30	22.40	15.10	119.882
			1975	KY	BIT	206.00	13178	10838	3.09	0.49	19.69	6.00	107.542
			1975	W.V.	BIT	1.00	11564	11564	0.79	0.79	11.82	11.82	129.600
			1976	KY	BIT	198.00	13132	10768	1.35	0.65	19.01	5.47	107.311
			1976	OHIO	BIT	11.00	11832	11127	2.99	2.93	15.64	12.74	113.381
			1977	KY	BIT	155.00	13050	9204	1.88	0.52	27.55	6.29	123.939
			1977	OHIO	BIT	13.00	12048	11207	3.88	2.75	15.38	11.50	117.163

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
MONROE	MONROE	3279.60	1977	PENN	BIT	2.00	12021 12021	3.35 3.35	15.66 15.66	120.900
			1977	W.V.	BIT	6.00	12026 12026	3.03 3.03	13.05 13.05	129.800
			1972	OHIO	BIT	9.00	11504 11504	3.80 3.80	16.30 16.30	43.000
			1972	PENN	BIT	18.00	13002 13002	3.20 3.20	10.10 10.10	42.800
			1972	W.V.	BIT	1204.00	13497 12523	4.20 2.70	13.20 6.80	37.778
			1973	OHIO	BIT	202.00	12438 11795	4.00 2.50	13.10 4.80	43.231
			1973	PENN	BIT	173.00	12890 12372	3.70 2.70	11.20 9.10	47.615
			1973	W.V.	BIT	2830.00	13508 12488	3.40 2.60	13.50 10.30	39.132
			1974	KY	BIT	18.00	11945 11689	3.40 2.60	15.00 12.40	146.003
			1974	OHIO	BIT	1092.00	12500 11066	4.40 2.70	16.30 9.80	56.601
			1974	PENN	BIT	227.00	12891 12303	3.40 2.40	15.50 8.80	68.409
			1974	VA	BIT	1.00	11343 11343	0.60 0.60	20.60 20.60	121.600
			1974	W.V.	BIT	3596.00	12972 11460	3.60 0.90	17.60 9.10	48.198
			1975	KY	BIT	130.00	12628 11655	3.09 1.27	16.20 9.02	127.824
			1975	MONT	BIT	168.00	9713 9644	0.40 0.37	4.20 3.42	83.932
			1975	OHIO	BIT	2174.00	12095 11036	4.20 2.00	16.86 12.46	78.805
			1975	PENN	BIT	309.00	13026 12595	3.27 2.50	10.50 8.46	107.528
			1975	W.V.	BIT	3703.00	13159 11822	3.89 2.00	17.07 9.23	74.040
			1976	KY	BIT	151.00	13132 11693	4.43 0.68	12.79 5.68	97.156
			1976	OHIO	BIT	1799.99	12450 10719	4.03 2.55	19.46 10.55	96.738
			1976	PENN	BIT	377.00	13000 12170	3.18 2.05	11.40 8.85	111.241
			1976	W.V.	BIT	3388.00	13012 11928	3.73 2.34	16.16 9.50	88.581
			1977	KY	BIT	168.00	12616 11113	3.42 0.73	15.20 6.90	106.722
			1977	OHIO	BIT	1236.00	12250 10868	4.04 2.64	17.33 10.00	109.429
			1977	PENN	BIT	681.00	13222 11202	5.23 1.00	18.20 8.21	111.265
			1977	W.V.	BIT	3811.00	13380 11759	3.57 1.00	15.72 9.20	89.973
			1978	KY	BIT	635.00	13999 10301	4.61 0.32	21.50 5.27	154.547
			1978	OHIO	BIT	1378.00	12717 10254	4.02 2.59	17.70 9.70	123.281
			1978	PENN	BIT	671.00	13206 11384	3.77 1.04	18.10 9.30	135.460
			1978	VA	BIT	3.00	12484 12484	0.89 0.89	9.60 9.60	152.200
			1978	W.V.	BIT	2538.00	13330 10887	3.86 0.53	21.70 8.02	104.394
TRAVERSE, CITY OF BAYSIDE	TRAVERSE CITY	15.00	1974	ILL	BIT	11.00	12000 12000	1.50 1.50	7.50 7.50	90.500
			1975	ILL	BIT	47.00	12189 11887	1.50 0.80	13.40 5.40	141.790
			1976	KY	BIT	61.00	13407 12576	0.86 0.55	8.40 2.35	116.490
			1977	KY	BIT	62.00	12540 12474	1.01 0.80	9.90 7.60	131.437
			1978	KY	BIT	58.00	12771 12591	1.26 0.75	9.62 8.64	170.278
UPPER PENINSULA GEN CO PRESQUE ISLE	MARQUETTE	538.10	1972	KY	BIT	294.00	12464 12224	1.20 0.65	12.40 8.08	61.452
			1973	KY	BIT	365.00	12423 11716	1.25 0.59	10.98 6.96	74.016
			1973	PENN	BIT	144.00	13216 12621	3.25 1.87	9.67 8.81	61.789
			1973	W.V.	BIT	42.00	13261 12596	3.51 3.21	12.53 10.23	59.413
			1974	KY	BIT	485.00	12914 10211	2.83 0.61	21.00 7.23	120.566
			1974	OHIO	BIT	13.00	10633 10633	3.66 3.66	20.90 20.90	140.900
			1974	PENN	BIT	204.00	11828 11164	3.12 1.44	16.10 13.50	154.337
			1974	W.V.	BIT	35.00	11246 11032	1.95 1.69	17.40 6.29	180.484
			1975	KY	BIT	601.00	13096 11237	2.69 0.61	14.93 7.09	125.389
			1975	PENN	BIT	238.00	12744 11453	3.32 0.93	15.64 9.76	146.166
			1976	KY	BIT	1049.00	13115 11826	1.89 0.58	11.75 4.82	126.273
			1976	PENN	BIT	138.00	12669 11237	2.49 1.10	14.93 9.36	137.163
			1977	KY	BIT	510.00	12654 11962	0.91 0.60	13.89 6.03	141.814
			1977	ND	BIT	28.00	12707 12505	1.56 1.36	13.39 12.40	135.534

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU																																																																																																																																																																																																																																																																																																																																																																																																																																							
			1977	MONT	SUB	253.00	9630 8661	0.80 0.36	10.06 3.95	127.016																																																																																																																																																																																																																																																																																																																																																																																																																																							
			1977	PENN	BIT	134.00	12746 12445	1.50 1.24	11.35 8.92	123.492																																																																																																																																																																																																																																																																																																																																																																																																																																							
			1978	KY	BIT	544.00	12603 10748	6.20 0.56	17.75 7.13	158.835																																																																																																																																																																																																																																																																																																																																																																																																																																							
			1978	MONT	BIT	123.00	9608 8613	0.75 0.42	10.17 4.12	143.844																																																																																																																																																																																																																																																																																																																																																																																																																																							
			1978	MONT	SUB	427.00	9608 8584	0.75 0.24	10.90 3.38	143.139																																																																																																																																																																																																																																																																																																																																																																																																																																							
			1978	PENN	BIT	92.00	12919 10610	1.66 0.42	15.79 8.87	138.438																																																																																																																																																																																																																																																																																																																																																																																																																																							
			UPPER PENINSULA POWER ESCANABA	ESCANABA	25.30	1972	KY	BIT	58.00	12485 12401	1.10 1.00	11.10 10.30	62.629																																																																																																																																																																																																																																																																																																																																																																																																																																				
			1973	KY	BIT	79.00	12187 11747	1.72 0.69	13.60 9.55	64.183																																																																																																																																																																																																																																																																																																																																																																																																																																							
			1974	KY	BIT	79.00	12256 11544	2.83 1.44	15.42 9.63	147.030																																																																																																																																																																																																																																																																																																																																																																																																																																							
			1974	PENN	BIT	16.00	11453 11453	3.12 3.12	15.64 15.64	174.000																																																																																																																																																																																																																																																																																																																																																																																																																																							
			1975	KY	BIT	79.00	12871 12500	2.98 1.64	11.34 9.83	130.176																																																																																																																																																																																																																																																																																																																																																																																																																																							
			1976	KY	BIT	89.00	12559 11921	1.03 0.79	12.32 8.10	122.245																																																																																																																																																																																																																																																																																																																																																																																																																																							
			1977	PENN	BIT	29.00	13038 12260	1.83 1.28	12.16 7.48	121.024																																																																																																																																																																																																																																																																																																																																																																																																																																							
			1978	PENN	BIT	98.00	12985 12042	1.89 1.42	12.22 8.22	143.572																																																																																																																																																																																																																																																																																																																																																																																																																																							
			WYANDOTTE DEPT OF MUN SERVICE WYANDOTTE	WYANDOTTE	41.50	1973	KY	BIT	17.69	14113 12920	1.31 1.27	8.97 6.07	65.087																																																																																																																																																																																																																																																																																																																																																																																																																																				
			1976	KY	BIT	161.00	14113 14113	1.27 1.27	6.07 6.07	59.000																																																																																																																																																																																																																																																																																																																																																																																																																																							
			MINNESOTA																																																																																																																																																																																																																																																																																																																																																																																																																																														

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978												
STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU		
			1976	MONT	SUB	92.70	8749 8596	0.80 0.62	11.10 8.40	140.891		
			1977	MONT	BIT	0.40	8650 8650	0.70 0.70	11.00 11.00	139.000		
			1977	MONT	SUB	154.10	8752 8560	0.88 0.60	11.70 5.60	146.032		
			1978	MONT	SUB	75.00	8687 8608	0.83 0.50	24.40 7.50	141.664		
MINNESOTA POWER & LIGHT AURORA	AURORA	116.10	1972	MONT	BIT	26.80	8170 8170	1.10 1.10	12.00 12.00	44.100		
			1972	MONT	SUB	210.70	8515 8323	1.10 0.90	11.10 9.80	42.900		
			1973	KY	BIT	8.10	11593 10703	1.30 1.00	12.90 9.40	55.800		
			1973	MONT	SUB	315.40	8529 8105	1.30 0.90	11.20 9.40	44.749		
			1974	MONT	SUB	362.10	8222 7886	1.40 0.80	10.40 9.10	50.854		
			1975	MONT	SUB	388.70	8441 7847	1.90 0.80	10.60 9.40	58.017		
			1976	MONT	SUB	347.30	8489 8169	1.22 0.81	12.28 8.70	68.782		
			1977	MONT	SUB	360.10	8451 7973	1.38 0.73	12.10 9.90	86.542		
			1978	--	PC	0.60	14355 13830	5.02 4.89	1.50 0.20	80.000		
BOSWELL	COHASSET	514.50	1978	MONT	SUB	379.20	8486 8128	1.42 1.00	11.10 9.90	97.576		
			1972	MONT	BIT	113.10	8619 8619	1.10 1.10	9.30 9.30	30.200		
			1972	MONT	SUB	622.50	8633 8418	1.00 0.80	9.70 8.60	30.331		
			1973	MONT	SUB	1841.20	8732 8524	1.20 0.80	9.90 9.00	31.102		
			1974	MONT	SUB	1924.70	8604 8278	1.10 0.60	9.70 8.00	34.537		
			1975	MONT	SUB	2070.90	8883 8422	1.60 0.80	9.50 7.90	40.544		
			1976	MONT	SUB	2412.70	8706 8348	1.08 0.63	9.80 8.40	49.476		
			1977	MONT	SUB	2336.30	8594 8214	1.23 0.61	9.80 8.70	64.432		
			1978	MONT	SUB	2081.60	8685 8433	1.07 0.81	9.80 8.30	74.794		
HIBBARD	DULUTH	122.50	1972	KY	BIT	9.80	12913 12913	2.10 2.10	8.40 8.40	56.000		
			1972	MONT	BIT	26.30	8344 8344	1.00 1.00	10.30 10.30	43.200		
			1972	MONT	SUB	89.90	8480 8237	1.20 0.90	11.10 9.40	43.034		
			1972	W.V.	BIT	10.20	13010 12242	2.80 1.00	8.90 7.00	56.959		
			1973	KY	BIT	26.10	12840 11872	1.90 1.30	9.80 6.20	47.447		
			1973	MONT	SUB	89.20	8757 8399	1.20 0.90	11.00 9.00	42.242		
			1973	W.V.	BIT	5.80	12208 12194	2.10 1.60	8.50 7.00	54.756		
MOORHEAD PUB SERV DEPT MOORHEAD	MOORHEAD	34.00	1974	N.D.	LIG	20.00	7263 7263	0.56 0.56	5.29 5.29	52.700		
			1976	N.D.	LIG	1.24	7100 7100	0.56 0.56	7.22 7.22	69.254		
			1977	N.D.	LIG	36.11	7200 7100	0.56 0.56	7.22 7.22	84.968		
			1978	N.D.	LIG	136.50	7210 7000	0.56 0.56	7.60 6.44	81.928		
NORTHERN STATES POWER BLACK DOG	ST. PAUL	480.66	1972	ILL	BIT	139.00	12177 10684	3.80 2.20	13.00 8.30	38.576		
			1972	KY	BIT	8.00	11356 10428	4.10 3.60	17.50 12.90	45.058		
			1972	MONT	SUB	230.00	8700 8600	1.10 1.10	11.50 11.40	40.400		
			1973	ILL	BIT	303.00	11228 10466	4.40 3.20	17.90 10.20	37.759		
			1973	KY	BIT	48.00	11325 11154	4.90 3.30	14.40 11.80	45.199		
			1974	ILL	BIT	190.00	11566 7601	4.00 1.90	23.60 10.20	56.694		
			1974	KY	BIT	5.00	11567 11275	4.00 3.90	12.30 10.50	57.264		
			1974	MONT	SUB	616.00	8983 8580	0.90 0.60	10.50 8.10	52.866		
			1975	ILL	BIT	335.00	11257 10600	3.50 3.10	11.20 10.10	73.040		
			1975	MONT	SUB	707.00	8733 8533	0.80 0.70	10.80 8.30	66.357		
			1976	ILL	BIT	188.00	11296 10395	3.80 3.10	12.00 10.50	81.475		
			1976	KY	BIT	12.00	11459 11459	3.40 3.40	10.70 10.70	74.500		
			1976	MONT	SUB	689.00	8791 8564	1.10 0.70	10.80 9.30	75.928		
			1977	ILL	BIT	280.00	11170 10346	3.70 3.40	12.70 10.30	89.208		
			1977	MONT	SUB	649.00	8809 8539	0.90 0.80	11.30 8.80	78.126		

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
HIGH BRIDGE	ST. PAUL	391.84	1978	ILL	BIT	144.00	10560 10521	3.50 3.40	12.30 11.70	111.412
			1978	MONT	SUB	556.00	8820 8520	0.90 0.70	10.50 8.50	84.637
			1972	ILL	BIT	179.00	12166 10556	3.80 1.70	13.20 8.20	38.944
			1972	KY	BIT	7.00	11356 11276	4.10 3.90	13.70 13.00	44.600
			1972	MONT	SUB	198.00	8794 8489	1.20 0.90	12.20 10.70	38.841
			1973	ILL	BIT	172.00	11246 10385	4.20 1.20	17.20 7.90	38.487
			1973	KY	BIT	19.00	11523 11193	4.40 3.00	14.40 10.60	44.878
			1973	MONT	BIT	5.00	9629 9629	0.70 0.70	5.70 5.70	47.700
			1973	MONT	SUB	439.00	9597 8498	1.60 0.60	14.00 5.50	38.701
			1973	WYO	SUB	6.00	9065 9065	0.90 0.90	7.40 7.40	48.500
			1974	ILL	BIT	93.00	11131 10405	3.40 3.20	11.40 10.50	53.402
			1974	KY	BIT	10.00	11281 11131	4.00 3.30	13.00 11.10	59.865
			1974	MONT	SUB	750.00	8786 8591	0.80 0.60	10.50 7.90	49.898
			1975	ILL	BIT	123.00	11247 10439	3.40 3.10	12.60 10.00	73.187
			1975	KY	BIT	8.00	11376 10572	7.10 3.90	16.10 11.50	87.286
			1975	MONT	SUB	755.00	8814 8574	0.80 0.70	10.30 8.10	61.121
			1976	ILL	BIT	271.00	11995 10519	5.20 2.70	11.90 10.60	80.853
			1976	KY	BIT	9.00	11279 11080	4.10 2.90	14.00 10.70	76.153
			1976	MONT	SUB	592.00	8670 8547	0.80 0.80	10.50 9.00	69.589
			1977	ILL	BIT	115.00	11120 10521	3.80 3.20	12.50 8.90	89.535
			1977	MONT	SUB	494.00	8840 8390	0.90 0.80	12.60 9.00	72.704
			1978	ILL	BIT	192.00	10789 10549	3.50 3.30	12.30 11.50	111.232
			1978	MONT	SUB	501.00	8898 8535	0.80 0.70	10.70 8.60	73.779
			1978	OKLA	BIT	13.00	13049 13023	0.60 0.60	6.20 6.10	151.600
KING	BAYPORT	598.40	1972	ILL	BIT	1058.00	12211 8800	4.20 1.50	21.40 8.20	38.980
			1972	KY	BIT	16.00	11280 11274	4.40 4.30	14.10 12.80	45.400
			1972	MONT	SUB	7.00	8629 8629	1.10 1.10	11.30 11.30	43.900
			1973	--	PC	10.00	14000 14000	4.70 4.70	0.80 0.80	29.900
			1973	ILL	BIT	928.00	11747 8800	4.80 1.20	21.60 9.80	38.963
			1973	KY	BIT	100.00	11395 10929	4.40 3.30	14.10 11.20	45.383
			1974	--	PC	34.00	14302 13865	4.80 4.40	0.80 0.20	28.714
			1974	ILL	BIT	1059.00	11205 9142	4.60 1.20	23.60 9.30	57.151
			1974	KY	BIT	89.00	11433 1126	4.00 0.90	13.90 10.90	53.901
			1974	MONT	SUB	244.00	8966 8580	0.90 0.70	10.50 8.10	56.633
			1975	ILL	BIT	1083.00	11162 7373	3.90 1.00	20.50 10.10	71.758
			1975	KY	BIT	66.00	11376 10723	4.70 3.90	14.20 11.50	81.733
			1975	MONT	SUB	519.00	8651 8533	0.80 0.70	10.80 8.30	74.509
			1976	--	PC	24.00	14236 14027	4.80 3.50	1.60 0.40	58.633
			1976	ILL	BIT	713.00	12000 7459	4.00 1.00	25.10 8.40	81.474
			1976	KY	BIT	93.00	11157 9075	4.80 1.40	14.20 12.50	79.662
			1976	MONT	SUB	715.00	8780 8469	1.00 0.70	11.20 9.70	78.514
			1977	--	PC	62.00	14262 13994	4.80 4.60	2.30 0.40	58.354
			1977	ILL	BIT	463.00	11168 10470	3.80 3.50	12.60 10.50	89.479
			1977	MONT	SUB	884.00	8809 8427	0.90 0.80	11.40 8.80	80.904
			1978	--	PC	66.00	14443 14019	5.20 4.10	0.90 0.20	66.282
			1978	ILL	BIT	53.00	10540 10499	3.50 3.50	12.40 12.30	113.733
			1978	MONT	SUB	801.00	8812 8566	0.90 0.70	10.20 8.80	89.003
MINN VALLEY	GRANITE FALLS	46.00	1972	KAN	BIT	4.00	12530 12530	3.70 3.70	10.70 10.70	55.800
			1972	KAN	SUB	1.00	12875 12875	3.70 3.70	10.00 10.00	55.800
			1972	MONT	SUB	27.00	9585 8873	1.10 0.90	12.00 10.60	50.100
			1973	KAN	BIT	14.00	12633 12466	3.70 3.30	10.80 10.30	55.800
			1973	MONT	SUB	73.00	8940 8650	1.00 0.90	11.10 8.10	62.350
			1973	OKLA	BIT	10.00	13729 13311	1.30 1.20	8.00 6.80	66.000
			1974	KY	BIT	6.00	12136 12128	3.20 3.10	7.20 7.20	77.250

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COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
RIVERSIDE	MINNEAPOLIS	377.65	1974	MONT	SUB	59.00	8865 8742	1.00 0.60	9.30 8.00	76.211
			1974	OKLA	BIT	6.00	11947 10428	4.40 3.50	25.20 19.20	109.600
			1975	ILL	BIT	1.00	12113 12113	2.20 2.20	7.60 7.60	128.200
			1975	MONT	SUB	59.00	8746 8576	0.90 0.80	9.10 8.50	84.139
			1975	OKLA	BIT	26.00	12278 11088	5.80 1.70	21.20 11.00	117.271
			1975	WYO	SUB	2.00	8533 8533	1.00 1.00	8.90 8.90	82.400
			1976	MONT	SUB	46.00	8789 8671	1.20 0.90	9.30 8.50	98.452
			1977	MONT	SUB	42.00	8686 8489	1.10 0.70	10.10 5.70	105.611
			1977	OKLA	BIT	9.00	12017 11899	3.50 3.30	12.70 11.40	126.240
			1977	OKLA	SUB	1.00	12054 12054	3.50 3.50	12.10 12.10	126.400
			1978	MONT	SUB	46.00	9023 8488	0.80 0.70	8.80 5.70	114.647
			1978	OKLA	BIT	24.00	12392 12000	3.80 0.50	12.70 7.70	149.536
			1972	--	PC	44.00	14100 14100	4.80 4.70	0.20 0.20	29.600
			1972	ILL	BIT	16.00	12193 10522	3.90 2.20	12.80 8.10	39.374
			1972	MONT	SUB	395.00	8749 8489	1.70 1.00	13.30 10.70	35.531
			1972	WYO	SUB	7.00	8519 8519	1.10 1.10	12.20 12.20	39.400
			1973	--	PC	91.00	14260 13342	4.80 4.70	1.20 0.20	29.600
			1973	ILL	BIT	13.00	11228 10532	3.80 3.40	13.00 10.90	37.497
			1973	MONT	SUB	1144.00	9597 8554	1.50 0.60	13.50 5.50	35.838
			1973	WYO	SUB	93.00	9412 9179	1.00 0.60	7.80 5.50	51.869
			1974	--	PC	155.00	14560 14100	4.70 4.40	1.00 0.40	26.438
			1974	MONT	SUB	1205.00	8983 8601	0.90 0.70	11.20 8.10	46.283
			1975	--	PC	89.00	14299 14027	4.50 4.10	0.70 0.40	54.185
			1975	MONT	SUB	863.00	8783 8563	1.00 0.70	10.70 7.90	52.219
			1976	--	PC	121.00	14245 13952	4.80 4.70	1.10 0.30	58.238
			1976	MONT	SUB	709.00	8802 8564	1.10 0.70	10.80 9.70	64.884
			1977	--	PC	125.00	14262 13994	4.80 4.60	2.30 0.40	58.145
			1977	MONT	SUB	790.00	8813 8571	0.90 0.70	11.40 8.80	70.380
			1978	--	PC	108.00	14117 14008	4.70 0.40	4.70 0.50	66.376
SHERBURNE COUNTY	BECKER	1440.00	1978	MONT	SUB	728.00	8923 8481	0.80 0.70	10.50 8.60	73.797
			1975	MONT	SUB	647.00	8703 8619	1.10 0.80	10.00 9.30	57.134
			1976	MONT	SUB	2424.00	8815 8582	1.10 0.70	10.90 9.10	57.235
			1977	MONT	SUB	4067.00	8861 8558	0.90 0.80	10.90 9.00	61.596
WILMARTH	MANKATO	25.00	1978	MONT	SUB	4644.00	8890 8604	0.80 0.70	10.80 8.70	69.104
			1972	N.D.	LIG	23.00	7554 7462	1.00 0.60	12.20 9.80	50.200
			1973	N.D.	LIG	45.00	7543 7175	1.20 0.50	10.80 8.40	50.200
			1973	WYO	SUB	7.00	8467 8467	1.00 1.00	8.40 8.40	67.300
			1974	N.D.	LIG	33.00	7371 7040	0.60 0.50	6.50 6.20	61.955
			1974	WYO	SUB	3.00	9245 9245	0.60 0.60	6.00 6.00	88.200
			1975	COLO	BIT	3.00	10705 10705	0.50 0.50	7.20 7.20	140.000
			1975	N.D.	SUB	1.00	7211 7211	0.80 0.80	6.80 6.80	79.900
			1975	UTAH	BIT	7.00	11689 11502	1.00 1.00	9.30 8.30	148.769
			1976	ILL	BIT	19.00	12474 12237	3.10 2.00	9.60 7.70	119.515
			1976	N.D.	LIG	16.00	7664 7490	0.60 0.60	8.30 7.60	80.761
			1977	ILL	BIT	11.00	12620 12457	3.30 3.30	9.50 9.10	124.786
			1977	N.D.	LIG	20.00	7576 7112	0.60 0.50	7.70 6.20	89.561
			1978	ILL	BIT	17.00	12286 11998	3.60 3.30	10.80 10.30	136.962
			1978	N.D.	LIG	22.00	7846 7409	0.50 0.40	7.10 6.00	99.481
FORM 423 PLT # 3700	--	-	1972	N.D.	LIG	24.00	7564 7121	0.80 0.60	12.30 10.50	50.200
			1973	N.D.	LIG	38.00	7483 7048	1.30 0.60	11.20 8.20	50.838
FORM 423 PLT # 3850	--	-	1973	WYO	SUB	1.00	9473 9473	0.80 0.80	6.30 6.30	67.300
			1972	N.D.	LIG	12.00	7475 7401	0.80 0.60	11.70 10.30	48.200
			1973	N.D.	LIG	44.00	7650 7144	1.20 0.50	11.40 8.30	48.706
			1973	WYO	SUB	1.00	9388 9388	0.90 0.90	6.70 6.70	46.900

TABLE 3,4 CONTD.

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STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1974	N. D.	LIG	5.00	7186 7186	0.70 0.70	6.40 6.40	60.000
			1974	WYO	SUB	3.00	9337 9016	1.00 0.90	7.00 6.20	87.112
OTTER TAIL POWER HOOT LAKE	FERGUS FALLS	136.90	1972	N. D.	LIG	351.00	7163 7053	1.50 0.60	6.90 5.30	34.996
			1973	N. D.	LIG	734.80	7166 7037	0.80 0.60	6.90 5.50	39.419
			1974	N. D.	LIG	687.27	7156 6924	1.00 0.60	8.70 6.00	44.838
			1975	N. D.	LIG	679.40	7082 6941	0.80 0.60	7.21 6.20	56.759
			1976	N. D.	LIG	669.40	7213 6949	1.03 0.67	8.00 6.11	65.563
			1977	N. D.	LIG	712.20	7136 6929	0.94 0.68	7.42 6.24	68.692
			1978	N. D.	LIG	658.70	7180 6997	0.92 0.63	7.08 6.23	72.862
PUB UTILS COMM - NEW ULM NEW ULM	NEW ULM	29.50	1972	ILL	BIT	10.02	12500 12500	1.90 1.90	7.86 7.86	60.741
			1973	ILL	ANT	6.03	12500 12500	1.90 1.90	7.86 7.86	66.346
			1973	ILL	BIT	19.10	12500 12500	1.90 1.90	7.86 7.86	62.171
			1973	KY	ANT	1.92	12500 12500	3.22 3.22	7.29 7.29	71.360
			1973	PENN	ANT	0.87	12500 12500	1.90 1.90	7.86 7.86	60.700
			1974	ILL	BIT	34.04	12500 12500	1.90 1.90	7.90 7.80	75.669
			1975	ILL	BIT	47.81	12500 12130	2.20 1.90	7.86 7.65	112.164
			1976	ILL	BIT	44.50	12500 12500	2.20 1.90	7.85 7.65	135.725
			1977	ILL	BIT	62.80	12500 12500	2.20 1.90	7.85 7.65	134.826
			1978	ILL	BIT	48.10	12700 12500	2.90 1.90	8.40 7.85	151.556
			1978	KY	BIT	7.10	12250 11000	2.60 1.50	9.00 9.00	202.872
			1978	MONT	BIT	8.90	8700 8700	0.78 0.78	7.80 7.80	144.000
			1978	OKLA	BIT	4.00	13000 13000	1.50 1.50	7.00 7.00	170.000
			1978	WYO	BIT	0.20	10050 10050	0.50 0.50	3.50 3.50	188.000
ROCHESTER DEPT PUB UTILS SILVER LAKE	ROCHESTER	98.40	1972	ILL	BIT	39.70	12400 12400	2.30 2.20	7.10 7.10	52.870
			1972	MONT	SUB	1.00	8950 8950	1.10 1.10	8.70 8.70	73.800
			1973	ILL	BIT	125.40	12400 12400	2.20 2.20	7.10 7.10	56.819
			1973	MONT	SUB	3.30	8950 8950	1.10 1.10	8.70 8.70	68.591
			1974	ILL	BIT	99.20	12400 12400	2.20 2.00	7.10 7.10	76.903
			1975	ILL	BIT	103.50	12400 12400	2.00 2.00	7.10 7.10	106.760
			1975	UTAH	BIT	47.10	12000 11800	0.80 0.60	7.20 6.00	145.298
			1976	ILL	BIT	134.60	12400 12400	2.18 2.18	7.50 7.50	121.745
			1976	KY	BIT	8.40	12100 12100	1.18 1.18	10.40 10.40	114.900
			1976	TENN	BIT	17.40	12100 12100	1.18 1.18	10.40 10.40	114.900
			1976	UTAH	BIT	61.00	11800 10900	0.85 0.82	7.20 7.20	148.426
			1977	ILL	BIT	173.50	12500 12400	2.18 2.02	7.50 7.40	127.039
			1977	KY	BIT	3.70	12100 11300	1.74 1.18	10.60 10.00	127.184
			1977	TENN	BIT	17.80	11300 11300	1.67 1.67	10.00 10.00	130.500
			1978	ILL	BIT	154.00	12500 12500	2.02 2.02	7.40 7.40	144.665
			1978	KY	BIT	1.10	11300 11300	1.34 1.34	9.90 9.90	188.800
			1978	OKLA	BIT	4.70	11450 11300	3.90 2.39	15.50 13.60	177.188
UNITED POWER ASSOCIATION ELK RIVER	ELK RIVER	45.50	1972	--	PC	13.80	14315 14000	4.50 4.40	0.50 0.30	37.240
			1973	--	PC	32.20	14430 14400	4.50 4.40	0.50 0.40	35.695
			1973	KY	BIT	38.70	12600 11890	2.20 2.20	6.20 6.20	74.559
			1973	MONT	BIT	2.30	8500 8500	0.80 0.80	10.40 8.00	49.070
			1973	MONT	SUB	6.00	8500 8500	0.80 0.80	10.40 10.40	55.750
			1974	--	PC	37.30	14400 14000	4.40 4.40	0.50 0.50	38.611

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STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/HBTU
			1974	KY	BIT	24.60	12600 12600	2.20 2.20	6.20 6.20	91.695
			1974	MONT	BIT	4.80	8500 8500	0.80 0.80	8.00 8.00	52.877
			1975	--	PC	9.00	14400 14400	4.40 4.40	0.50 0.50	51.231
			1975	MONT	BIT	2.70	8500 8500	0.80 0.80	8.00 8.00	80.678
			1976	MONT	BIT	1.80	8700 8700	0.80 0.80	8.00 8.00	119.900
			1978	KY	BIT	8.20	12925 12320	1.51 0.90	12.40 9.10	176.242
			1978	MONT	BIT	8.90	8890 8520	0.88 0.42	10.16 7.00	146.274
			1978	MONT	SUB	1.80	8553 8553	0.62 0.62	8.21 8.21	188.100
VIRGINIA, MINN DEPT OF PUB UTIL VIRGINIA	VIRGINIA	36.00	1974	MONT	BIT	0.49	10700 10700	1.40 1.40	10.00 10.00	94.900
			1974	MONT	SUB	55.15	10700 8320	1.40 0.50	14.00 7.50	84.372
			1974	OHIO	BIT	1.34	12750 12750	2.60 2.00	9.10 8.00	70.737
			1974	UTAH	BIT	0.15	11100 11100	0.70 0.70	7.80 7.80	203.000
			1974	W.V.	BIT	3.26	12900 10700	2.30 1.40	10.00 7.50	84.905
			1975	MONT	BIT	18.99	10700 8500	1.40 0.60	12.00 10.00	91.119
			1975	MONT	SUB	97.99	10700 8500	1.40 0.60	12.00 10.00	93.561
			1975	OHIO	BIT	0.40	12750 12750	2.60 2.60	8.00 8.00	71.200
			1975	UTAH	BIT	0.31	11100 11100	0.70 0.70	7.80 7.80	204.154
			1975	W.V.	BIT	2.60	12900 10700	2.50 1.40	13.00 7.50	84.273
			1975	W.V.	SUB	0.42	10700 10700	1.40 1.40	10.00 10.00	99.100
			1975	WYO	SUB	0.21	8450 8450	0.54 0.54	10.07 10.07	176.800
			1976	MONT	SUB	112.79	10500 8390	1.25 0.54	14.90 9.50	105.158
			1976	OHIO	BIT	7.67	12900 10500	2.60 1.25	14.90 8.00	143.263
			1976	UTAH	BIT	0.41	10500 10500	0.49 0.49	10.00 10.00	108.500
			1976	W.V.	BIT	0.85	12900 9550	2.30 1.25	14.90 7.50	110.123
			1976	WYO	BIT	1.79	10500 10500	0.50 0.50	9.09 9.09	97.840
			1977	KY	BIT	4.20	13210 12840	0.81 0.73	8.02 6.80	172.091
			1977	MONT	SUB	100.87	8700 8500	0.69 0.69	10.00 10.00	110.263
			1977	OHIO	BIT	8.47	13200 12900	2.40 2.30	8.00 7.25	180.355
			1977	W.V.	BIT	0.80	13200 13160	2.70 2.40	6.30 6.00	192.019
			1978	MONT	SUB	115.00	8700 8500	0.89 0.69	10.00 9.90	120.538
			1978	OHIO	BIT	9.00	13200 13000	2.40 2.40	7.30 7.25	195.584
WILLMAR MUN UTIL COMB WILLMAR	WILLMAR	30.35	1974	ILL	BIT	4.97	12400 12400	2.80 2.80	8.00 8.00	93.695
			1974	MONT	BIT	10.08	8500 8500	0.52 0.50	6.70 6.70	85.843
			1975	ILL	BIT	7.57	12400 12400	2.80 2.07	8.00 8.00	121.633
			1975	MONT	BIT	29.99	8500 8500	0.52 0.52	6.70 6.70	96.965
			1976	ILL	BIT	23.02	12400 12400	2.07 2.07	8.00 8.00	138.335
			1976	MONT	BIT	19.29	8500 8500	0.52 0.52	6.70 6.70	108.803
			1977	ILL	BIT	7.74	12400 12400	2.07 2.07	8.00 8.00	143.400
			1977	MONT	BIT	51.47	8500 8500	0.52 0.52	6.70 6.70	114.546
			1978	ILL	BIT	2.02	12400 12400	2.07 2.07	8.00 8.00	166.800
			1978	MONT	BIT	60.66	8500 8500	0.74 0.52	8.46 6.70	125.582
MISSISSIPPI										
GREENWOOD UTILS HENDERSON STA	GREENWOOD	32.65	1975	KY	BIT	29.52	12500 12278	3.10 2.70	9.00 5.50	128.722
			1976	ALA	BIT	18.00	13386 12903	1.00 0.80	5.00 3.10	125.253
			1976	KY	BIT	50.89	12608 11661	4.04 2.50	12.50 7.00	115.556
			1977	ALA	BIT	64.00	13549 12602	1.23 0.82	6.40 3.49	140.751

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			1977	ARK	BIT	0.20	14413 14413	1.30 1.30	4.70 4.70	151.100
			1977	KY	BIT	10.40	12917 11487	3.15 1.35	12.40 4.40	131.905
			1978	ALA	BIT	49.00	13800 12922	1.15 0.86	6.50 3.71	160.605
			1978	OKLA	BIT	33.80	13191 11884	3.20 0.55	11.40 5.90	148.289
MISSISSIPPI POWER (SOUTHERN CO)										
V. J. DANIEL	PASCAGOULA	548.25	1978	ALA	BIT	0.40	12686 12686	1.32 1.32	14.00 14.00	154.300
			1978	COLO	BIT	237.30	11735 11488	0.60 0.50	9.80 9.00	204.231
			1978	UTAH	BIT	9.30	11710 11710	0.60 0.60	10.82 10.82	207.500
WATSON	GULFPORT	1173.50	1972	--	PC	68.40	14343 13909	4.00 2.50	1.00 1.00	18.343
			1972	ILL	BIT	307.80	12241 11914	2.50 2.10	11.50 9.90	36.071
			1973	--	PC	3.10	14139 14070	2.50 2.50	0.05 0.02	50.000
			1973	ILL	BIT	1062.50	12082 11481	2.80 2.60	11.80 9.30	40.336
			1973	KY	BIT	3.20	10604 10604	2.50 2.50	10.80 10.80	62.600
			1974	--	PC	31.30	14249 13953	3.80 2.70	1.50 0.50	114.308
			1974	ILL	BIT	1305.60	12010 11333	3.00 2.70	10.70 9.90	59.554
			1974	KY	BIT	198.60	11596 10926	3.30 2.90	11.60 7.70	67.797
			1975	--	PC	29.50	14000 14000	3.80 3.80	0.50 0.50	118.472
			1975	ILL	BIT	893.40	12004 11441	3.20 2.31	13.20 9.70	76.524
			1975	KY	BIT	608.10	12353 10306	3.40 0.60	17.80 6.70	87.963
			1976	ALA	BIT	158.90	12551 11791	2.03 1.40	15.14 5.75	115.466
			1976	ILL	BIT	520.30	12154 11497	3.40 2.25	13.09 8.01	77.226
			1976	KY	BIT	828.69	12784 10411	4.65 0.74	15.70 3.16	114.805
			1977	--	PC	129.40	14434 13893	4.46 3.07	0.60 0.30	88.013
			1977	ALA	BIT	215.00	11903 10929	2.25 1.38	19.50 8.40	114.453
			1977	IMPT	BIT	177.00	11549 11189	0.67 0.63	13.90 13.30	133.978
			1977	ILL	BIT	627.60	11936 11436	3.11 2.21	14.20 9.30	81.049
			1977	KY	BIT	595.00	12863 9274	3.95 0.96	21.60 1.50	124.618
			1977	OKLA	BIT	12.50	12737 10396	4.45 1.64	14.30 11.20	128.261
			1978	--	PC	43.50	14721 14300	3.97 3.72	0.61 0.26	86.500
			1978	ALA	BIT	368.20	13089 11580	2.59 1.28	13.90 10.60	137.231
			1978	ILL	BIT	353.20	11879 10927	2.86 2.28	14.90 13.10	88.551
			1978	IND	BIT	16.10	10668 10308	4.09 2.00	14.50 11.60	136.584
			1978	KY	BIT	312.30	12340 9676	4.16 1.22	19.00 7.90	152.465
			1978	OHIO	BIT	1.70	10717 10717	3.93 3.93	13.10 13.10	135.000
			1978	OKLA	BIT	84.70	13293 12758	3.23 2.74	11.30 8.50	154.595
SOUTH MISSISSIPPI ELEC PWR ASSN FORM 423 PLT # 0150	--	-	1978	KY	BIT	237.45	11823 10878	1.67 1.15	17.70 14.10	153.199
MISSOURI										
ASSOCIATED ELEC COOP-MISSOURI HILL	MOBERLY	470.00	1972	MO	BIT	812.00	10481 8773	4.97 3.70	24.53 8.81	28.802
			1973	MO	BIT	1339.00	10553 8615	6.20 3.66	24.50 8.58	32.006
			1974	MO	BIT	1179.27	10477 8421	5.29 3.47	25.90 10.00	36.506
			1975	MO	BIT	1288.00	10392 8284	5.14 3.70	26.90 10.30	46.878
			1976	MO	BIT	1363.00	10527 8546	5.26 3.56	26.08 9.66	53.915
			1977	MO	BIT	1273.00	10349 8806	5.51 3.80	24.10 10.90	61.989
			1978	MO	BIT	1095.00	10750 8651	5.25 3.71	24.20 10.60	86.026
MADRID	NEW MADRID	1200.00	1973	--	PC	119.00	14354 13827	4.50 3.20	2.00 0.30	30.112
			1973	ILL	BIT	978.00	11221 9650	5.20 3.50	21.20 10.00	35.058
			1973	KY	BIT	147.00	11125 11125	4.20 4.20	13.40 13.40	39.100

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COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU	
							MAX	MIN	MAX	MIN	MAX	MIN		
			1974	--	PC	92.56	14360	13700	5.00	4.50	1.60	0.20	40.056	
			1974	ILL	BIT	1191.20	10432	9563	5.20	4.20	21.00	17.20	42.084	
			1975	--	PC	33.50	14304	13880	6.00	4.60	0.30	0.10	66.312	
			1975	ILL	BIT	1251.95	10168	9567	4.80	4.10	20.60	17.40	56.824	
			1975	KY	BIT	89.00	10427	10427	3.80	3.80	15.30	15.30	57.200	
			1976	--	PC	101.40	14246	13781	4.80	4.50	1.10	0.20	62.125	
			1976	ILL	BIT	1671.50	10512	9970	4.60	3.00	18.80	13.00	62.269	
			1977	--	PC	171.00	14187	13532	6.90	2.40	4.70	0.20	57.989	
			1977	ILL	BIT	2470.80	10859	10186	3.60	3.34	15.90	13.20	77.066	
			1977	KY	BIT	62.00	11050	11050	3.20	3.20	12.10	12.10	65.540	
			1978	--	PC	21.60	14268	13865	4.60	4.50	0.30	0.20	79.512	
			1978	ARK	BIT	5.40	12325	11671	3.57	3.41	13.00	10.20	123.781	
			1978	ILL	BIT	2370.80	12347	9325	5.21	2.30	19.50	8.20	90.412	
			1978	KAN	BIT	55.20	11314	9842	3.90	2.44	20.90	15.40	135.442	
			1978	KY	BIT	142.70	11913	9738	4.84	2.26	20.30	9.30	113.725	
			1978	OKLA	BIT	237.60	12297	8682	4.14	1.59	23.30	9.60	129.025	
			1978	PEEN	BIT	26.70	11353	10473	4.28	2.59	17.70	13.40	107.785	
CENTRAL ELEC PWR COOP-MISSOURI CHAMPOIS			59.00	1972	ILL	BIT	52.00	11200	11200	3.00	3.00	10.00	10.00	45.915
			1973	ILL	BIT	109.00	11200	11200	3.00	3.00	10.00	10.00	47.920	
			1974	ILL	BIT	131.00	11200	11200	3.00	3.00	10.00	10.00	67.085	
			1975	ILL	BIT	63.00	11200	11200	3.00	3.00	10.00	10.00	108.333	
			1975	MO	BIT	6.00	9877	9877	5.00	5.00	17.80	17.80	126.267	
			1976	ILL	BIT	17.00	11349	10375	4.71	3.17	17.20	10.40	99.262	
			1976	KY	BIT	11.00	10889	9756	5.00	3.65	19.90	15.90	106.970	
			1976	MO	BIT	27.00	10946	10169	5.99	3.53	18.20	11.40	101.992	
			1977	ILL	BIT	73.00	11310	10118	3.69	2.72	15.10	9.15	107.112	
			1977	MO	BIT	8.00	10900	9556	4.17	2.88	24.19	9.80	113.867	
			1978	COLO	BIT	4.00	10064	9879	0.56	0.38	7.56	7.41	141.970	
			1978	ILL	BIT	64.00	11300	10700	3.12	2.40	10.65	9.28	127.812	
			1978	KAN	BIT	45.00	12000	10165	3.27	2.55	23.77	11.00	126.306	
			1978	MO	BIT	51.00	12040	8960	5.41	2.50	24.47	3.78	134.875	
			1978	OKLA	BIT	4.00	12800	12468	3.76	0.50	12.80	6.88	114.063	
CITY OF INDEPENDENCE PWR & LT BLUE VALLEY			115.00	1972	ILL	BIT	1.10	12400	12400	2.75	2.75	10.50	10.50	45.700
			1972	OKLA	BIT	1.40	12000	12000	2.00	2.00	12.00	12.00	31.600	
			1973	ILL	BIT	61.00	11654	10914	3.40	2.70	11.40	9.30	51.664	
			1973	KAN	BIT	1.80	10880	10880	2.00	2.00	11.80	11.80	48.700	
			1973	OKLA	BIT	15.70	11654	10126	5.90	0.60	22.30	9.50	53.979	
			1974	WYO	BIT	35.74	11137	10054	0.80	0.50	14.40	6.40	86.289	
			1975	COLO	BIT	4.90	10716	10180	0.41	0.39	16.85	5.90	135.323	
			1975	KAN	BIT	1.70	12202	12202	3.91	3.91	12.00	12.00	99.000	
			1975	MO	BIT	1.90	10580	10580	4.70	4.70	14.40	14.40	94.800	
			1975	OKLA	BIT	114.13	13210	10020	6.05	1.77	22.57	5.20	101.817	
			1975	UTAH	BIT	1.60	11307	11307	1.03	1.03	7.79	7.79	143.600	
			1975	WYO	BIT	69.70	10869	9901	0.93	0.50	11.57	8.86	91.251	
			1976	COLO	BIT	1.80	10485	10485	0.68	0.68	7.15	7.15	123.800	
			1976	OKLA	BIT	55.37	13286	10671	6.99	0.45	20.04	7.70	102.856	
			1977	OKLA	BIT	157.30	13023	10309	6.08	0.55	17.97	4.11	102.126	
			1978	KAN	BIT	14.20	12089	10308	5.18	3.31	21.30	13.92	116.649	
			1978	MO	BIT	10.80	11905	10700	5.16	2.98	15.95	12.84	121.804	
			1978	OKLA	BIT	47.90	12487	10438	4.41	1.91	17.18	8.53	113.558	

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COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
CITY UTILITIES OF JAMES RIVER	KISSICK	253.00	1972	OKLA	BIT	35.93	12554	12151	4.20	3.90	18.90	12.60	53.430
			1973	OKLA	BIT	105.43	13054	11688	4.20	2.80	18.40	10.30	63.619
			1974	OKLA	BIT	133.89	13033	11776	4.10	2.90	18.90	10.80	72.948
			1975	KAN	BIT	178.97	12702	11538	3.30	2.80	16.30	11.60	96.856
			1976	KAN	BIT	165.38	12811	11993	2.84	2.35	13.70	12.10	100.641
			1976	OKLA	BIT	54.53	13311	12096	2.75	0.45	13.10	10.20	92.374
			1977	KAN	BIT	90.30	12454	10888	3.95	2.48	16.60	13.10	100.844
			1977	OKLA	BIT	119.31	13311	11385	4.80	0.47	18.60	10.20	95.902
			1978	KAN	BIT	56.10	12601	11756	3.45	2.93	15.90	12.10	117.939
			1978	OKLA	BIT	129.20	12523	10889	5.28	1.88	21.40	13.90	118.264
	SPRINGFIELD	194.00	1976	KAN	BIT	220.03	12935	11426	2.84	2.30	14.38	12.10	99.237
			1977	KAN	BIT	317.73	11927	10732	3.90	2.40	19.20	12.90	101.245
			1978	KAN	BIT	379.20	12606	9648	4.73	2.90	24.10	11.10	124.794
			1978	OKLA	BIT	20.80	12582	11647	3.56	2.57	13.80	8.90	121.695
COLUMBIA WATER & LIGHT COLUMBIA	COLUMBIA	107.84	1972	ILL	BIT	21.02	11758	11366	1.92	1.59	9.40	8.03	70.156
			1972	MO	BIT	22.78	10881	10881	3.73	3.73	11.14	11.14	37.017
			1973	ILL	BIT	80.97	12352	11488	1.80	1.01	10.58	8.20	70.878
			1974	ILL	BIT	73.07	12352	11797	1.85	1.20	9.70	7.10	98.408
			1975	ILL	BIT	81.15	12004	11519	2.27	1.31	9.97	7.78	135.327
			1975	MO	BIT	2.76	11519	11519	1.71	1.71	9.12	9.12	145.890
			1976	ILL	BIT	58.18	11788	9811	3.66	1.69	15.73	8.91	137.058
			1976	MO	BIT	6.93	11429	11008	3.65	3.52	11.44	10.95	121.773
			1977	ILL	BIT	73.95	11628	8823	4.77	2.48	20.44	7.02	139.496
			1978	COLO	BIT	3.66	10166	10166	4.12	4.12	16.30	16.30	143.570
			1978	ILL	BIT	22.72	12165	10170	3.95	1.99	16.00	8.60	145.589
			1978	MO	BIT	48.45	11265	9826	4.11	3.26	16.46	11.04	145.859
EMPIRE DIST ELECTRIC ASBURY	JOPLIN	212.80	1972	KAN	BIT	15.38	12000	12000	3.80	2.50	12.90	11.30	36.200
			1972	KY	BIT	25.65	10154	10154	4.90	4.90	24.50	24.50	31.000
			1972	MO	BIT	314.12	10350	10152	4.90	4.60	25.50	23.40	20.711
			1973	--	PC	2.47	14300	14200	4.60	4.10	0.90	0.50	35.157
			1973	KAN	BIT	102.13	12200	9765	4.60	3.40	24.20	10.90	35.829
			1973	MO	BIT	555.15	12000	9854	4.60	3.70	25.60	11.00	23.984
			1974	--	PC	7.37	14200	14200	4.60	3.90	2.20	0.10	35.200
			1974	KAN	BIT	54.73	12000	12000	3.80	3.70	13.40	10.10	59.023
			1974	MO	BIT	508.17	12000	9644	4.50	3.70	25.50	12.20	28.439
			1974	MO	PC	0.86	14200	14200	4.60	3.90	2.20	0.10	35.200
			1974	OKLA	BIT	10.13	12409	12000	3.80	3.70	12.20	10.90	61.584
			1975	KAN	BIT	87.06	12152	12000	4.10	3.30	12.50	11.30	88.455
			1975	MO	BIT	563.09	10438	9395	4.95	4.30	28.20	24.40	33.765
			1975	OKLA	BIT	4.40	12114	11788	4.61	3.15	12.50	10.70	78.917
			1976	--	PC	9.81	14200	14200	4.00	4.00	0.00	0.00	78.000
			1976	KAN	BIT	150.83	12000	9950	4.66	3.90	27.20	12.30	75.248
			1976	MO	BIT	501.04	14200	7254	5.03	4.00	29.10	18.90	42.764
			1976	OKLA	BIT	7.34	12004	12000	4.59	4.49	13.30	12.80	91.324
			1977	--	PC	31.26	14761	14200	5.00	4.99	2.00	2.00	78.701
			1977	KAN	BIT	77.57	12668	12000	4.40	3.90	12.30	12.20	95.544
			1977	MO	BIT	505.12	10513	9663	4.83	4.03	27.80	24.10	48.542
			1978	--	PC	48.68	14200	14200	5.00	4.99	2.00	0.70	81.200
			1978	KAN	BIT	51.70	12668	10139	7.90	2.85	20.40	12.20	93.360

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STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
			1978	MO	BIT	403.95	10441	9278	5.35	4.43	27.40	24.30	64.346
			1978	OKLA	BIT	76.92	12205	10264	6.80	2.08	21.80	8.80	109.451
KANSAS CITY POWER & LIGHT GRAND AVE	KANSAS CITY	126.75	1972	KAN	BIT	58.17	12990	12100	4.00	3.20	14.30	9.60	33.194
			1972	MO	BIT	3.43	11370	11180	4.20	4.20	13.80	12.20	36.700
			1973	KAN	BIT	146.27	12951	11660	4.00	3.30	16.20	10.00	34.403
			1973	MO	BIT	11.36	11674	10866	5.70	3.90	14.70	8.60	37.055
			1973	OKLA	BIT	14.00	13156	11500	4.50	3.90	17.10	9.10	33.745
			1974	KAN	BIT	45.09	12862	11840	3.90	3.10	13.50	10.10	37.932
			1974	MO	BIT	4.00	11595	11413	3.90	3.80	13.50	10.00	42.227
			1974	OKLA	BIT	47.00	12034	11200	3.90	3.40	17.40	10.40	41.772
			1975	KAN	BIT	25.50	12675	12144	4.10	3.70	13.40	11.10	81.966
			1975	MO	BIT	7.90	10583	10170	3.69	3.11	13.00	8.60	97.744
			1975	OKLA	BIT	136.00	13299	11561	4.10	3.17	15.40	7.90	49.998
			1975	WYO	BIT	3.50	10866	10866	1.00	1.00	8.70	8.70	102.300
			1976	--	PC	0.10	13892	13892	4.09	4.09	0.40	0.40	43.200
			1976	KAN	BIT	79.20	12597	11890	4.01	3.27	12.70	9.80	90.659
			1976	MO	BIT	0.10	10873	10873	3.40	3.40	9.70	9.70	93.700
			1976	OKLA	BIT	126.80	13184	11736	4.23	3.08	16.80	7.90	69.737
			1977	KAN	BIT	2.90	12080	12080	3.99	3.99	11.70	11.70	90.000
			1977	OKLA	BIT	148.00	13060	11659	4.32	2.93	15.10	6.30	68.968
			1978	KAN	BIT	33.10	11154	10266	5.27	4.19	22.80	18.00	105.278
			1978	OKLA	BIT	37.80	12576	11874	3.85	3.27	14.80	8.50	67.697
HAWTHORNE	KANSAS CITY	908.09	1972	--	PC	23.00	14939	14194	4.30	3.70	0.40	0.10	21.122
			1972	MO	PC	37.00	14253	13740	4.50	2.40	1.10	0.10	21.809
			1972	OKLA	BIT	156.07	11837	9647	4.60	0.60	17.20	9.90	34.572
			1972	WYO	BIT	332.00	9918	9563	0.60	0.50	10.70	7.80	34.725
			1973	--	PC	38.00	14237	14036	4.10	3.00	3.00	0.20	20.307
			1973	KAN	BIT	3.73	13084	12310	3.90	3.30	12.00	8.30	33.237
			1973	MO	BIT	5.00	12409	12409	3.40	3.40	11.80	11.80	33.400
			1973	MO	PC	53.00	14826	13822	4.40	2.80	1.00	0.20	19.934
			1973	MONT	PC	2.00	14080	14080	4.20	4.20	0.30	0.30	18.800
			1973	OKLA	BIT	222.33	11984	11229	4.20	3.00	16.10	11.60	34.382
			1973	WYO	BIT	966.00	10454	9311	0.60	0.40	13.00	5.70	38.113
			1974	--	PC	69.00	14540	13670	4.80	3.70	0.80	0.10	24.747
			1974	KAN	BIT	28.10	12699	11815	3.50	2.50	11.60	10.20	39.480
			1974	MO	PC	3.00	14160	14160	4.60	4.60	0.10	0.10	21.600
			1974	OKLA	BIT	289.06	11993	11200	3.90	3.00	15.60	12.30	39.065
			1974	WYO	BIT	880.00	10726	8357	0.80	0.30	14.60	5.50	43.597
			1975	--	PC	1.00	14096	14096	3.60	3.60	0.10	0.10	31.900
			1975	KAN	BIT	10.90	11345	11345	3.97	3.97	4.10	4.10	97.660
			1975	MO	BIT	1.20	10146	10146	3.12	3.12	9.40	9.40	100.040
			1975	OKLA	BIT	212.50	12366	10057	4.60	2.50	19.40	9.80	48.219
			1975	WYO	BIT	806.50	10343	9449	0.80	0.40	18.30	11.00	49.831
			1976	--	PC	109.30	14584	13892	4.68	4.09	1.01	0.20	82.942
			1976	KAN	BIT	37.10	12537	11299	3.94	3.11	13.80	9.70	90.853
			1976	OKLA	BIT	637.00	12755	10714	5.07	3.08	20.00	8.60	53.944
			1976	WYO	BIT	769.30	10253	9442	0.79	0.56	17.80	12.00	54.294
			1977	KAN	BIT	3.50	11828	11642	3.66	3.43	11.90	11.70	90.374
			1977	OKLA	BIT	576.00	12502	10056	5.20	0.56	17.90	9.10	56.247
			1977	WYO	BIT	541.70	10071	8125	0.73	0.30	13.70	5.70	61.104
			1978	--	PC	4.40	14200	14200	4.50	4.50	0.50	0.50	44.400
			1978	KAN	BIT	21.30	11110	10300	5.27	3.85	22.80	18.28	104.521

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
MONTROSE	CLINTON	563.10	1978	OKLA	BIT	323.90	11809 11430	3.80 3.13	14.10 12.29	64.645
			1978	WYO	BIT	571.70	9998 9505	0.61 0.42	14.31 9.00	63.351
			1972	MO	BIT	880.00	9826 9262	6.10 4.80	24.40 20.70	25.974
			1973	KAN	BIT	135.00	9531 9384	5.90 5.70	25.00 23.30	27.120
			1973	MO	BIT	1552.00	9937 9124	6.50 4.60	25.70 18.50	27.589
			1973	WYO	BIT	10.00	8700 8700	0.00 0.00	0.00 0.00	29.000
			1974	MO	BIT	1583.00	9880 9181	5.50 4.80	24.80 18.90	32.687
			1975	MO	BIT	1777.80	11071 8767	6.00 3.90	25.80 10.10	41.832
			1975	OKLA	BIT	11.00	11849 11540	4.00 3.60	14.60 12.80	66.000
			1975	WYO	BIT	10.00	10053 10053	1.20 1.20	14.30 14.30	79.000
			1976	MO	BIT	1712.60	10117 8573	6.50 4.33	27.30 16.50	48.673
			1977	MO	BIT	1518.10	10164 9405	6.88 4.72	24.30 16.60	52.255
			1978	--	PC	5.90	14200 14200	4.50 4.50	0.50 0.50	66.200
			1978	MO	BIT	1202.00	10075 9491	6.20 5.08	22.30 19.30	63.927
			1978	WYO	BIT	38.60	9867 9782	0.66 0.50	10.20 8.80	60.867
MARSHALL MUN UTIL MARSHALL	MARSHALL	30.50	1974	MO	BIT	3.83	10437 10437	5.70 5.70	16.70 16.70	90.939
			1975	MO	BIT	21.20	11000 10437	5.70 3.00	16.70 12.00	122.837
			1976	MO	BIT	10.00	11000 11000	3.94 3.94	12.70 12.70	108.000
			1977	MO	BIT	19.26	11000 11000	3.94 3.94	12.70 12.00	110.000
			1978	MO	BIT	18.00	11000 11000	3.94 3.94	12.00 12.00	111.000
MISSOURI PUBLIC SERVICE GREEN	PLEASANT HILL	49.50	1973	MO	BIT	13.30	12190 10800	3.80 3.43	11.00 6.00	46.564
			1973	OKLA	BIT	0.83	11730 9310	4.40 1.80	15.40 12.70	45.000
			1975	KAN	BIT	0.52	11890 11890	4.05 4.05	13.00 13.00	97.100
			1976	KAN	BIT	10.00	11569 11569	3.97 3.32	15.60 12.90	94.200
			1972	OKLA	BIT	443.80	11948 11105	4.02 3.45	16.10 12.70	29.035
	SIBLEY	523.50	1973	OKLA	BIT	896.50	12284 11515	3.74 3.34	13.50 10.20	30.440
			1974	OKLA	BIT	921.00	12195 11476	3.90 3.56	13.90 10.70	35.332
			1975	OKLA	BIT	849.00	12291 11394	3.90 3.50	15.20 11.00	42.641
			1976	MO	BIT	5.00	9490 9490	4.45 4.45	21.70 21.70	112.200
			1976	OKLA	BIT	915.00	12340 11817	3.80 3.35	13.36 10.30	45.737
			1977	MO	BIT	10.00	10414 10414	4.26 4.26	14.70 14.70	109.000
			1977	OKLA	BIT	671.00	12267 11552	4.47 3.35	13.80 11.35	50.449
			1978	IOWA	BIT	9.00	10200 10200	3.64 3.64	10.48 10.48	135.600
			1978	KAN	BIT	140.00	10750 10132	4.56 2.74	21.98 15.15	121.612
			1978	MO	BIT	62.40	10760 9350	3.95 3.32	15.76 12.20	119.780
			1978	OKLA	BIT	762.74	11904 10500	5.04 3.26	16.05 10.90	71.922
N W ELEC POWER COOP MISSOURI	CAMERON	600.00	1974	OKLA	BIT	23.53	12037 11496	4.10 4.05	15.30 13.30	74.506
ST JOSEPH LIGHT & POWER LAKE ROAD	ST. JOSEPH	150.50	1972	MO	BIT	46.44	10683 10023	3.90 2.90	11.70 8.20	40.720
			1973	KY	BIT	31.24	13055 11995	4.00 3.20	14.50 7.20	63.341
			1973	MO	BIT	55.43	9985 8998	4.00 3.00	16.00 12.70	42.862
			1973	OKLA	BIT	11.96	12324 9743	3.80 2.40	17.30 11.70	62.155
			1973	WYO	BIT	9.50	10882 10882	0.60 0.60	8.40 8.40	63.000
			1974	KAN	BIT	10.00	12420 12011	4.10 3.60	14.30 11.10	72.164
			1974	MO	BIT	71.00	9974 8324	4.10 2.90	22.50 12.30	64.085
			1974	OKLA	BIT	47.90	13101 11020	5.90 3.90	19.60 11.40	78.411
			1974	WYO	BIT	4.70	10882 10882	0.60 0.60	8.40 8.40	63.000

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1975	KAN	BIT	14.50	10389 9254	4.70 3.50	26.80 21.40	86.290
			1975	MO	BIT	106.50	10633 9502	4.40 2.80	26.20 9.70	94.473
			1975	OKLA	BIT	36.25	13423 12710	6.80 2.80	14.70 6.00	91.457
			1976	KAN	BIT	2.60	12952 12952	4.74 4.74	13.20 13.20	93.200
			1976	MO	BIT	139.10	10352 9775	4.05 3.34	15.20 11.60	102.809
			1976	OKLA	BIT	56.50	13137 12654	4.49 3.74	14.00 11.10	96.650
			1977	--	PC	17.04	14529 14293	4.98 0.27	4.71 0.29	79.388
			1977	KAN	BIT	5.00	9113 9113	1.94 1.94	21.37 21.37	52.100
			1977	MO	BIT	299.90	12488 9549	4.43 3.30	15.60 12.60	111.837
			1977	MO	PC	3.40	14513 14211	4.77 4.68	0.90 0.40	78.573
			1977	OKLA	BIT	156.70	13185 11725	4.99 2.98	15.83 11.02	101.814
			1978	--	PC	6.60	14725 14113	5.41 4.50	0.70 0.41	79.240
			1978	KAN	BIT	2.00	11985 11985	4.64 4.64	14.99 14.99	103.900
			1978	MO	BIT	212.00	10426 9490	4.56 3.72	15.29 11.83	122.031
			1978	OKLA	BIT	79.00	12989 11878	4.89 3.42	18.65 10.71	113.073
UNION ELECTRIC MERAMEC	S.E. ST. LOUIS	923.04	1972	ILL	BIT	639.00	11975 11000	3.50 0.90	14.00 6.20	35.666
			1972	KY	BIT	371.00	13100 12000	1.00 0.70	14.00 6.00	49.497
			1972	OKLA	BIT	10.00	12400 12400	1.20 1.20	10.50 10.50	48.000
			1973	ALA	BIT	37.00	13000 12600	1.00 1.00	18.00 6.00	52.366
			1973	ILL	BIT	1092.00	11800 10000	3.70 1.30	13.40 6.20	42.504
			1973	KY	BIT	495.00	13100 12000	1.00 0.75	14.00 7.00	53.347
			1974	ILL	BIT	1637.00	11800 9200	3.70 1.30	14.90 7.30	53.228
			1974	IND	BIT	43.00	10900 10900	3.00 3.00	15.00 15.00	121.979
			1974	KY	BIT	187.00	13000 11000	3.50 0.80	12.00 10.00	147.709
			1974	OHIO	BIT	109.00	10500 10500	3.00 3.00	18.00 15.18	136.800
			1974	OKLA	BIT	4.00	11500 11500	3.50 3.50	10.10 10.10	73.900
			1975	ILL	BIT	1599.00	11800 9600	3.70 0.55	12.50 6.80	73.791
			1975	IND	BIT	120.00	11300 11100	3.50 1.50	11.00 9.30	81.105
			1975	KY	BIT	210.00	12000 11200	3.00 1.50	10.00 8.00	90.539
			1975	WYO	BIT	7.00	10800 10800	0.60 0.60	11.00 11.00	128.800
			1976	ILL	BIT	1274.00	12000 10459	3.70 1.25	13.40 7.20	83.918
			1976	IND	BIT	242.00	12200 10861	3.90 1.10	10.70 6.80	78.653
			1976	KY	BIT	523.00	12800 10800	4.00 0.70	15.00 6.80	81.858
			1977	ILL	BIT	848.00	12000 10500	3.70 1.00	13.40 7.00	92.847
			1977	IND	BIT	57.00	11000 11000	1.20 1.10	11.00 8.80	121.523
			1977	KY	BIT	290.00	13000 11200	3.80 0.70	12.00 6.00	128.576
			1977	OKLA	BIT	8.00	12500 12500	4.50 4.50	12.00 12.00	110.700
			1977	PENN	BIT	114.00	12500 12500	1.25 1.25	10.00 10.00	118.421
			1977	TENN	BIT	4.00	12900 12000	1.20 1.20	12.00 8.00	123.861
			1977	VA	BIT	442.00	13500 11500	1.40 1.00	14.00 6.00	131.595
			1977	W.V.	BIT	49.00	12200 8780	2.66 0.80	18.00 15.00	102.986
			1978	ILL	BIT	448.00	12000 10300	2.50 0.70	13.00 6.00	118.955
			1978	IND	BIT	90.00	11000 11000	1.20 1.10	11.00 9.00	140.861
			1978	KY	BIT	144.00	13000 12000	1.30 0.76	12.00 6.00	152.677
			1978	OKLA	BIT	69.00	13500 13000	1.50 1.25	10.00 7.00	153.291
			1978	PENN	BIT	15.00	12500 12500	1.30 1.30	10.00 10.00	157.100
			1978	TENN	BIT	30.00	12500 10763	1.91 0.80	21.70 8.00	141.569
			1978	VA	BIT	393.00	13500 11500	1.50 1.00	14.00 6.00	169.785
			1978	W.V.	BIT	74.00	13300 13000	1.25 0.80	8.00 6.00	176.854
RUSH ISLAND	CRYSTAL CITY	1241.00	1976	ILL	BIT	1484.90	11800 10600	3.70 1.00	13.40 6.76	75.903
			1977	ILL	BIT	2285.80	11800 10500	3.70 1.00	13.40 7.30	87.476
			1977	KAN	BIT	47.00	12500 12000	3.50 2.00	16.00 12.00	107.567

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
SIOUX	PORTAGE DE SIOUX	1099.60	1977	OKLA	BIT	274.00	12500 12000	4.50 3.68	12.60 12.00	96.971
			1977	UTAH	BIT	132.00	11400 11400	0.80 0.80	8.00 8.00	164.521
			1977	WYO	BIT	146.00	10600 10000	1.10 0.55	10.00 9.80	164.992
			1978	COLO	BIT	227.00	10300 9837	0.34 0.30	10.50 5.00	181.464
			1978	ILL	BIT	1860.00	11800 10600	3.10 1.00	11.40 7.30	92.339
			1978	N.M.	BIT	92.00	10000 10000	0.60 0.60	9.00 9.00	188.961
			1978	OKLA	BIT	31.00	12000 12000	3.50 3.50	12.00 12.00	119.145
			1978	UTAH	BIT	107.00	11400 0	0.80 0.80	8.00 8.00	170.106
			1978	W.V.	BIT	2.00	11300 11300	1.20 1.20	16.00 16.00	191.600
			1978	WYO	BIT	719.00	10600 9800	1.10 0.55	11.00 9.80	178.176
			1972	ILL	BIT	1047.00	11150 11000	3.40 2.70	15.70 11.60	30.311
			1973	ILL	BIT	1590.00	11250 11000	3.40 2.70	15.70 10.10	30.246
			1974	ILL	BIT	1463.00	11200 10800	3.70 2.70	13.40 10.10	34.886
			1975	ILL	BIT	1963.00	11500 10700	3.70 2.70	13.50 10.10	54.465
			1975	IND	BIT	267.00	11600 11400	3.50 3.10	11.00 9.20	80.067
			1975	KY	BIT	16.00	12000 11500	3.00 3.00	10.00 8.00	88.978
			1976	ILL	BIT	2306.00	11500 10500	3.70 2.70	15.40 8.30	66.835
			1977	ILL	BIT	1938.00	11500 10500	3.70 2.10	11.00 8.30	71.313
			1978	ILL	BIT	1347.80	11600 10500	3.70 2.70	11.70 8.30	76.698
			1978	KY	BIT	86.00	11700 11000	4.00 3.30	17.00 9.20	136.919
			1978	WYO	BIT	544.00	10000 8000	1.10 0.32	11.00 5.30	161.954
			1972	ILL	BIT	1097.00	11250 11200	3.10 2.90	10.10 8.60	27.442
			1973	ILL	BIT	4359.00	11250 10800	3.70 2.90	13.40 8.60	29.441
			1974	ILL	BIT	4721.00	11200 10800	3.70 2.90	13.40 8.60	34.481
			1974	WYO	BIT	97.00	10800 10800	0.55 0.55	11.00 11.00	107.348
			1975	ILL	BIT	5703.00	11200 10800	3.70 2.90	12.40 8.60	44.630
			1975	WYO	BIT	101.00	10800 10800	0.60 0.55	11.00 11.00	115.870
			1976	ILL	BIT	5707.00	11300 10750	3.70 2.87	13.40 8.60	51.356
			1976	WYO	BIT	208.00	10600 10600	0.70 0.70	12.00 12.00	141.000
			1977	ILL	BIT	5201.00	11200 10500	3.70 1.00	13.40 8.30	57.940
1977	KY	BIT	184.00	11500 11500	3.20 3.20	9.20 9.20	111.516			
1977	WYO	BIT	154.00	10600 10600	0.70 0.55	12.00 9.80	158.586			
1978	COLO	BIT	393.00	11400 9837	0.55 0.30	10.50 5.00	173.796			
1978	ILL	BIT	3866.00	11200 10500	3.70 1.00	13.40 8.30	64.845			
1978	KAN	BIT	64.00	12500 12500	3.60 3.60	7.00 7.00	130.312			
1978	N.M.	BIT	482.00	10000 10000	0.60 0.60	9.00 9.00	178.789			
1978	OKLA	BIT	54.00	12000 12000	3.50 3.50	12.00 12.00	125.828			
1978	UTAH	BIT	379.00	11400 11000	0.80 0.60	10.00 8.00	174.564			
1978	WYO	BIT	222.00	10600 9800	0.60 0.50	14.00 9.80	174.330			
MONTANA										

MONTANA-DAKOTA UTILITIES										
LEWIS & CLARK										
	SIDNEY	50.00	1972	MONT	LIG	165.73	6618 6458	0.70 0.40	9.20 8.10	25.502
			1973	MONT	LIG	305.63	6712 6310	0.70 0.40	9.20 6.70	27.708
			1974	MONT	LIG	327.95	6538 6275	0.70 0.40	9.60 6.40	34.989
			1975	MONT	LIG	299.87	6598 6320	0.80 0.40	11.00 7.60	48.294
			1976	MONT	LIG	313.00	6560 6330	0.56 0.48	9.90 6.90	58.710
			1977	MONT	LIG	312.40	6657 6378	0.74 0.35	9.30 6.90	63.500
			1978	MONT	LIG	298.30	6660 6416	0.60 0.37	9.30 7.20	70.907
THE MONTANA POWER CO										
COLSTRIP #1										
	COLSTRIP	716.74	1975	MONT	SUB	197.00	8861 8547	0.80 0.60	8.60 8.00	24.638

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
CORETTE	BILLINGS	172.00	1976	MONT	SUB	1422.00	8836 8437	0.89 0.62	8.90 7.80	25.903
			1977	MONT	SUB	2250.00	9003 8570	0.83 0.65	8.90 8.10	24.577
			1978	MONT	SUB	2469.00	8734 8538	0.82 0.58	9.20 8.26	28.694
			1972	MONT	SUB	201.00	8779 8546	0.70 0.50	8.70 7.70	18.674
			1973	MONT	SUB	576.00	9060 8365	0.70 0.60	9.80 7.60	19.601
			1974	MONT	SUB	494.00	9742 8357	1.30 0.60	9.20 7.60	23.307
			1975	MONT	SUB	700.00	8765 8236	1.00 0.60	9.80 8.00	25.287
			1976	MONT	SUB	581.00	8692 8389	1.13 0.70	9.90 7.90	27.038
			1977	MONT	SUB	661.00	8852 8339	1.20 0.52	25.50 7.70	28.520
			1978	MONT	SUB	564.00	8723 8377	2.01 0.70	12.30 8.30	33.356
NEBRASKA										

CONSUMERS PUBLIC PWR DIST										
SHELDON	HALLAM	228.65	1972	KAN	BIT	133.68	12847 11775	4.10 3.64	14.40 11.18	43.689
			1973	KAN	BIT	193.05	12632 10663	4.20 2.20	16.20 11.00	47.471
			1973	WYO	BIT	43.90	11135 10772	0.60 0.60	10.10 6.60	52.653
			1974	KAN	BIT	1.80	11736 11736	4.10 4.10	15.40 15.40	60.400
			1974	WYO	BIT	40.90	10659 10659	0.70 0.70	10.30 10.30	55.100
FREMONT DEPT OF PUB UTILS										
WRIGHT	FREMONT	135.25	1972	KAN	SUB	20.82	12500 12500	3.50 3.50	10.00 9.70	45.058
			1972	WYO	SUB	10.60	10562 10562	0.80 0.80	7.10 7.10	41.900
			1973	KAN	SUB	10.19	12500 12000	3.50 0.80	10.00 7.00	53.763
			1973	WYO	SUB	32.82	12500 10500	3.50 0.70	10.50 7.00	37.784
			1974	WYO	SUB	21.90	10500 10500	0.60 0.60	8.00 8.00	55.252
			1975	WYO	SUB	40.00	10400 10400	0.70 0.60	9.70 8.00	73.408
			1976	COLO	SUB	169.90	12600 10800	5.90 0.20	6.60 4.00	107.098
			1976	WYO	SUB	26.80	10595 9930	1.10 0.60	9.90 9.00	115.169
			1977	COLO	SUB	228.90	12600 10300	0.60 0.19	12.00 4.10	110.708
			1978	COLO	SUB	199.60	11186 10320	0.65 0.19	10.78 4.35	118.587
NEBRASKA PUBLIC POWER SYS										
FORM 423 PLT # 0150										
KRAMER	BELLEVUE	112.50	1978	WYO	BIT	207.15	8891 8811	0.40 0.35	5.50 5.30	64.330
			1978	WYO	SUB	128.01	8740 8579	0.41 0.36	6.50 5.80	66.934
			1972	COLO	BIT	19.67	11056 9901	0.80 0.60	8.80 7.00	55.730
			1972	KAN	BIT	41.80	12639 11953	5.50 2.90	16.80 11.20	43.078
			1972	WYO	BIT	0.45	11031 11031	0.70 0.70	5.60 5.60	49.600
			1973	COLO	BIT	46.71	10890 10284	1.00 0.52	10.40 6.80	59.571
			1973	KAN	BIT	70.70	12566 10462	4.10 1.00	12.60 7.00	48.232
			1973	WYO	BIT	62.92	12498 10082	3.70 0.53	15.00 6.00	52.487
			1974	COLO	BIT	118.42	11416 9542	0.83 0.46	14.60 6.60	84.412
			1974	OKLA	BIT	0.40	11647 11647	3.89 3.89	18.30 18.30	62.600
			1974	WYO	BIT	46.10	10798 6402	1.10 0.58	42.30 9.00	75.997
			1975	COLO	BIT	134.50	10296 9170	0.70 0.40	15.10 5.90	113.165
			1975	WYO	BIT	104.90	10637 6022	1.10 0.44	43.30 3.00	105.524
			1976	COLO	BIT	42.00	10984 9206	0.60 0.48	10.36 7.33	107.831
			1976	OKLA	BIT	5.50	12537 10963	0.56 0.37	14.20 7.50	105.930
			1976	WYO	BIT	245.40	11245 8821	1.03 0.26	18.80 2.60	98.822
			1977	WYO	BIT	195.68	10346 9946	0.67 0.49	9.20 3.00	111.150
			1978	COLO	BIT	64.81	10928 9999	0.50 0.38	7.30 4.90	132.687
			1978	COLO	SUB	15.60	10443 10190	0.38 0.33	5.40 5.30	140.032
			1978	WYO	BIT	211.20	10141 9855	0.70 0.37	4.10 3.20	129.653

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
K STREET (RET)	RET	RET	1978	WYO	SUB	28.27	10336 10307	0.62 0.61	3.80 3.60	132.547
			1972	COLO	BIT	1.10	10500 10500	0.80 0.80	7.00 7.00	53.300
			1972	KAN	BIT	4.50	12222 12222	4.30 4.30	12.10 12.09	49.393
			1973	COLO	BIT	12.10	10723 10284	0.83 0.53	9.90 7.20	61.495
			1973	KAN	BIT	3.80	12222 12222	4.12 4.12	10.23 10.23	50.453
			1974	COLO	BIT	6.60	10723 10284	0.83 0.50	9.90 7.50	67.473
			1974	KAN	BIT	10.40	12222 12222	4.12 4.12	10.23 10.20	73.474
			1975	COLO	BIT	2.40	10284 10284	0.53 0.50	7.50 7.50	104.550
			1975	KAN	BIT	7.90	12222 12222	4.12 4.12	10.23 10.23	101.403
			1975	OKLA	BIT	0.50	10284 10284	3.00 3.00	10.10 10.10	92.400
			1974	KAN	BIT	51.70	12400 10500	4.20 0.80	13.70 10.00	70.239
			1974	WYO	BIT	101.90	12400 10470	0.80 0.60	11.20 10.00	71.113
			1975	KAN	BIT	48.30	12400 11567	5.00 3.60	15.50 9.20	98.841
			1975	OKLA	BIT	55.70	13075 11223	4.00 0.80	12.40 9.80	98.052
			1975	UTAH	BIT	2.00	10696 10696	1.50 1.50	10.60 10.60	132.900
			1975	WYO	BIT	148.20	10700 8921	0.80 0.30	15.20 4.80	105.520
			1976	OKLA	BIT	7.03	13127 11965	0.58 0.52	9.00 6.59	125.629
			1976	UTAH	BIT	4.32	13117 12937	0.69 0.46	6.86 6.55	116.516
			1976	WYO	BIT	254.27	10072 9471	0.48 0.30	11.80 6.70	118.231
			1977	KAN	BIT	10.28	11567 11567	0.49 0.49	8.20 8.20	122.400
			1977	OKLA	BIT	151.67	13210 11385	4.04 0.37	13.90 5.60	128.734
			1977	UTAH	BIT	160.19	12502 11470	0.97 0.45	12.30 7.00	131.612
			1977	WYO	BIT	288.62	10487 9464	0.60 0.31	13.10 6.00	122.313
			1978	OKLA	BIT	56.17	12789 12034	1.33 0.46	8.50 6.00	147.646
			1978	UTAH	BIT	101.62	12382 11858	0.93 0.50	11.70 7.20	151.736
			1978	UTAH	SUB	14.25	12161 12161	0.66 0.66	7.60 7.60	153.500
			1978	WYO	BIT	287.60	10553 9675	0.85 0.36	11.70 6.00	133.815
			1978	WYO	SUB	36.06	10155 10038	0.58 0.50	9.70 8.00	136.770
OMAHA PUBLIC POWER DISTRICT JONES ST	OMAHA	83.50	1972	KAN	BIT	2.14	12724 12574	3.80 3.50	11.80 10.10	42.500
			1973	KAN	BIT	5.00	12572 12501	3.60 3.60	10.90 10.90	39.900
			1973	WYO	BIT	2.00	10124 10124	0.50 0.50	10.80 10.80	46.300
			1972	KAN	BIT	44.78	12764 12195	3.70 3.40	12.30 9.90	39.633
			1972	MO	BIT	57.93	10897 10515	4.20 3.20	10.80 9.50	42.400
			1972	OKLA	BIT	25.00	12057 11262	4.40 3.90	14.80 12.20	43.500
			1972	WYO	BIT	230.12	10777 9968	0.90 0.40	9.20 6.50	45.188
			1973	KAN	BIT	141.00	12718 11700	3.80 3.40	14.00 10.10	43.011
			1973	OKLA	BIT	88.00	12218 11292	3.90 3.10	14.10 7.10	44.519
			1973	WYO	BIT	661.76	10940 10258	0.90 0.40	11.70 6.10	46.850
			1974	KAN	BIT	6.00	12395 12395	3.50 3.50	11.50 11.50	45.700
			1974	WYO	BIT	1003.00	10989 10328	0.80 0.40	9.70 5.50	55.260
			1975	WYO	BIT	965.00	10813 9837	0.90 0.40	13.40 7.40	78.211
			1976	WYO	BIT	1096.95	10880 10123	0.87 0.50	14.90 7.80	82.927
			1977	WYO	BIT	1279.70	10830 10137	0.93 0.41	12.30 7.15	91.999
			1978	WYO	SUB	1377.66	10956 9907	1.07 0.62	17.70 7.10	103.782
NEVADA NEVADA POWER GARDNER	MOAPA	340.91	1972	UTAH	SUB	274.48	12885 12411	0.50 0.50	7.50 5.10	36.423
			1973	UTAH	BIT	28.35	12423 12292	0.50 0.50	7.00 7.00	37.483
			1973	UTAH	SUB	598.73	12557 12207	0.50 0.50	7.00 0.70	38.059

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STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU

			1974	UTAH	SUB	546.98	12557 12400	0.50 0.50	7.00 7.00	51.137
			1975	UTAH	BIT	241.70	12577 12400	0.50 0.50	7.00 7.00	89.549
			1975	UTAH	SUB	414.10	12577 12400	0.50 0.50	7.00 7.00	73.014
			1976	UTAH	BIT	820.50	12400 11840	0.60 0.50	9.00 7.00	101.210
			1977	UTAH	BIT	828.40	12182 11940	0.60 0.60	9.00 9.00	108.792
			1978	UTAH	BIT	1010.70	12487 10750	1.49 0.44	11.55 0.90	124.603
SOUTHERN CALIFORNIA EDISON										
MOHAVE	LAUGHLIN	1636.20	1972	ARIZ	SUB	1480.00	10927 10774	0.40 0.40	10.90 9.93	26.285
			1973	ARIZ	SUB	2886.00	11122 10764	0.40 0.40	10.90 10.90	25.773
			1973	N.M.	SUB	344.00	10909 10909	0.40 0.40	10.90 10.90	24.100
			1974	ARIZ	SUB	3668.00	11186 10951	0.40 0.40	10.90 10.90	24.307
			1975	ARIZ	SUB	3820.00	11087 10866	0.40 0.40	10.90 10.90	25.617
			1976	ARIZ	SUB	4174.00	11047 10857	0.40 0.40	10.90 9.40	38.463
			1977	ARIZ	SUB	4568.00	10974 10832	0.50 0.40	10.70 10.10	43.696
			1978	ARIZ	SUB	2684.00	10939 10826	0.60 0.40	11.00 10.20	60.392
NEW HAMPSHIRE										

PUBLIC SERV CO OF NEW HAMPSHIRE										
MERRINACK	BOW	459.24	1972	W.V.	BIT	548.12	13559 13285	2.70 2.00	8.60 6.80	47.306
			1973	W.V.	BIT	1043.58	13577 13277	2.60 1.80	7.40 6.70	50.120
			1974	W.V.	BIT	930.15	13602 13010	3.50 1.00	10.90 6.50	81.045
			1975	KY	BIT	0.40	10977 10977	1.60 1.60	13.30 13.30	199.200
			1975	PENN	BIT	46.40	12959 11833	2.51 2.10	13.90 9.80	148.256
			1975	W.V.	BIT	930.40	13921 10912	3.10 1.52	15.20 6.30	119.400
			1976	PENN	BIT	13.20	12359 12359	2.15 2.15	9.50 9.50	142.700
			1976	W.V.	BIT	740.00	13623 13166	2.43 1.53	9.60 6.64	125.046
			1977	PENN	BIT	0.20	13177 13177	2.34 2.34	6.94 6.94	148.800
			1977	W.V.	BIT	959.90	13561 13177	2.54 2.00	7.80 6.70	130.092
			1978	IMPT	BIT	60.70	13092 12164	1.87 1.73	10.10 5.99	147.014
			1978	PENN	BIT	111.40	13244 12164	1.99 1.56	10.10 5.99	153.186
			1978	W.V.	BIT	587.60	13469 12164	2.69 1.73	10.10 5.99	146.573
NEW JERSEY										

ATLANTIC CITY ELECTRIC										
ENGLAND	BEESLEYS PT.	475.60	1973	W.V.	BIT	91.18	12466 11611	3.00 2.90	15.00 12.00	83.930
			1974	W.V.	BIT	580.18	12707 11538	3.00 2.30	16.10 10.00	142.272
			1975	W.V.	BIT	744.63	12740 11516	3.12 2.70	14.70 11.20	131.421
			1976	W.V.	BIT	656.47	13129 12551	2.99 2.56	11.21 8.32	123.869
			1977	W.V.	BIT	783.62	12776 12392	3.28 2.87	13.70 10.50	119.334
			1978	W.V.	BIT	560.03	12758 12352	3.21 2.41	11.80 10.50	127.336
MISSOURI AVENUE	ATLANTIC CITY	55.78	1972	W.V.	BIT	69.37	13883 13282	0.70 0.50	6.50 4.40	77.142
			1973	W.V.	BIT	55.33	13823 13129	0.70 0.50	8.00 6.00	79.842
			1974	W.V.	BIT	53.55	13566 12913	0.80 0.50	8.90 6.00	169.466
DEEPWATER OPERATING CO (ACE)										
DEEPWATER	PENNS GROVE	308.30	1973	W.V.	BIT	17.53	11475 11475	2.90 2.90	16.20 16.20	96.900
			1974	W.V.	BIT	175.20	12567 11299	3.00 2.10	15.00 11.30	141.994
PUBLIC SERV ELEC & GAS-NJ										

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
BERGEN	RIDGEFIELD	650.43	1973	PENN	BIT	50.18	14222	11978	1.90	0.70	15.50	6.80	68.794
			1974	PENN	BIT	205.50	13819	11374	2.40	0.60	17.00	4.30	87.285
			1974	VA	BIT	18.60	12033	11703	1.40	1.00	17.80	14.60	125.915
			1974	W.V.	BIT	21.97	13819	10985	1.90	0.60	22.30	4.30	119.043
BURLINGTON	BURLINGTON	317.50	1973	PENN	BIT	4.15	13300	12628	1.90	1.20	12.80	9.80	62.636
			1973	VA	BIT	28.00	12319	11451	1.20	0.90	14.90	12.70	86.418
			1973	W.V.	BIT	23.20	12924	11384	1.90	1.30	19.10	9.10	73.557
			1974	VA	BIT	40.70	12423	11587	1.20	0.70	18.00	12.90	133.353
HUDSON	JERSEY CITY	1114.48	1974	W.V.	BIT	37.30	12845	11379	2.30	1.10	25.40	9.40	89.228
			1972	KY	BIT	7.00	12964	12779	0.80	0.60	12.80	11.50	63.758
			1972	PENN	BIT	24.00	13235	12270	1.40	1.10	16.00	9.70	59.884
			1972	VA	BIT	1.00	12692	12692	0.80	0.80	12.20	12.20	54.400
			1972	W.V.	BIT	3.00	12127	12127	1.60	1.60	16.40	16.40	56.300
			1973	KY	BIT	167.00	12996	10859	0.90	0.40	20.50	10.50	71.298
			1973	PENN	BIT	517.10	13369	12417	1.90	1.10	14.30	9.10	68.653
			1973	VA	BIT	80.15	13352	12234	1.20	0.80	14.40	9.20	73.792
			1973	W.V.	BIT	188.10	13454	12152	1.70	1.00	13.60	7.70	66.670
			1974	KY	BIT	46.00	12081	11036	1.20	1.10	12.30	10.70	118.427
			1974	PENN	BIT	344.30	13329	11374	3.00	0.90	19.60	8.00	124.380
			1974	VA	BIT	171.60	13181	11285	1.50	0.80	19.90	6.90	149.798
			1974	W.V.	BIT	103.88	12911	11661	2.10	1.00	25.40	9.40	119.359
			1975	PENN	BIT	278.70	13575	11289	2.90	0.70	19.30	7.40	158.451
			1975	VA	BIT	77.60	14245	12217	1.60	0.60	13.50	5.60	186.639
			1975	W.V.	BIT	201.80	13799	12296	2.00	0.40	12.10	8.30	157.216
			1976	PENN	BIT	270.20	13903	11852	2.25	0.47	13.80	5.80	148.594
			1976	VA	BIT	184.10	13982	12449	1.45	0.50	13.40	4.40	158.889
			1976	W.V.	BIT	537.90	13558	12346	1.58	0.39	14.00	6.40	146.587
			1977	KY	BIT	29.40	13814	12309	1.29	0.77	7.10	4.50	164.579
			1977	PENN	BIT	394.80	14049	12378	1.98	0.82	12.90	4.50	141.421
			1977	VA	BIT	121.30	13708	13015	1.65	0.68	8.10	4.90	165.279
			1977	W.V.	BIT	358.70	13452	12584	1.50	0.63	10.60	7.40	148.330
			1978	KY	BIT	18.10	13772	12825	1.10	0.77	12.20	5.70	171.599
			1978	PENN	BIT	278.00	13770	12268	1.61	0.78	13.20	7.57	151.694
			1978	VA	BIT	62.00	13804	13176	1.42	0.99	8.60	6.20	178.847
			1978	W.V.	BIT	262.50	13830	12718	1.43	0.62	11.60	6.40	160.693
KEARNY	KEARNEY	294.10	1973	PENN	BIT	3.20	13080	12136	1.80	1.40	13.90	10.20	81.726
			1974	KY	BIT	0.30	12081	12081	1.20	1.20	12.30	12.30	142.200
			1974	PENN	BIT	2.07	13035	11374	1.20	1.20	15.10	11.20	70.967
			1974	VA	BIT	13.00	11800	11587	0.90	0.70	18.00	15.10	106.926
MERCER	HAMILTON TWP.	652.80	1974	W.V.	BIT	2.00	11735	11735	2.10	2.10	12.50	12.50	87.500
			1972	KY	BIT	17.00	12964	12779	0.80	0.60	12.80	11.70	63.418
			1972	PENN	BIT	275.70	13654	12355	2.60	0.80	13.20	8.20	59.206
			1972	VA	BIT	88.40	13524	12692	1.00	0.60	13.20	7.30	62.042
			1972	W.V.	BIT	156.00	13543	11816	1.70	0.90	16.40	8.00	56.004
			1973	KY	BIT	14.00	13034	12974	0.80	0.70	7.70	7.30	64.328
			1973	PENN	BIT	334.57	13542	11921	1.90	1.10	13.80	7.30	59.760
			1973	VA	BIT	392.70	13545	11451	1.20	0.70	14.90	6.60	71.265
			1973	W.V.	BIT	481.68	13545	11365	1.90	0.70	17.60	6.60	59.690
			1974	KY	BIT	42.20	13518	11344	2.10	0.60	16.80	5.00	177.659
			1974	PENN	BIT	83.47	13187	11182	2.40	1.40	21.20	9.00	159.664
			1974	VA	BIT	499.20	12423	11285	1.80	0.70	19.90	12.90	160.778
			1974	W.V.	BIT	427.48	13697	10537	3.10	1.00	26.70	6.30	115.907
			1975	KY	BIT	98.20	13426	11080	1.70	0.70	16.50	2.90	185.949
			1975	PENN	BIT	189.72	13551	11358	2.70	0.70	18.60	6.00	164.271

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978												
STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU		
SEWAREN	SEWAREN	820.01	1975	VA	BIT	313.60	13579 12237	1.60 0.60	15.70 3.70	187.373		
			1975	W.V.	BIT	427.50	14188 12048	2.20 0.50	13.00 4.00	169.998		
			1976	KY	BIT	118.30	13691 12973	0.95 0.74	9.60 2.80	158.340		
			1976	PENN	BIT	172.50	13903 12099	2.60 0.90	15.30 5.80	146.563		
			1976	VA	BIT	333.90	13859 12388	1.54 0.50	15.70 3.20	159.913		
			1976	W.V.	BIT	257.76	14177 12248	1.67 0.73	12.10 2.70	154.175		
			1977	KY	BIT	131.50	14137 11877	2.62 0.71	10.70 1.40	163.726		
			1977	PENN	BIT	153.30	13816 11985	1.78 0.50	14.20 7.70	133.222		
			1977	VA	BIT	346.10	13752 12618	1.65 0.61	13.50 4.80	162.563		
			1977	W.V.	BIT	317.70	13647 12644	2.30 0.83	12.20 5.60	149.627		
			1978	KY	BIT	48.00	13914 13365	0.96 0.64	5.30 2.60	193.065		
			1978	PENN	BIT	82.10	13457 12659	1.91 1.06	12.00 8.89	149.386		
			1978	VA	BIT	382.10	14041 13091	1.42 0.55	11.50 4.50	182.591		
			1978	W.V.	BIT	253.70	14271 12304	1.84 0.66	10.80 2.94	165.796		
			1973	KY	BIT	4.00	12183 12183	0.80 0.80	15.70 15.70	80.000		
			1973	PENN	BIT	17.97	13298 12213	1.90 1.10	13.80 9.80	77.826		
			1973	VA	BIT	2.00	12319 12319	1.00 1.00	13.50 13.50	83.400		
			1973	W.V.	BIT	2.50	13364 12152	1.60 1.30	13.60 8.40	79.490		
			1974	KY	BIT	4.00	12081 12081	1.20 1.20	12.30 12.30	130.900		
			1974	PENN	BIT	1.07	13191 11374	1.20 1.10	15.10 8.00	84.012		
			1974	VA	BIT	5.00	11587 11587	0.70 0.70	18.00 18.00	151.600		
			1974	W.V.	BIT	4.00	12414 12414	1.70 1.70	13.90 13.90	98.000		
VINELAND, CITY OF H H DOWN	VINELAND	76.45	1974	PENN	BIT	1.90	13115 13115	1.80 1.80	12.70 12.70	90.000		
			1974	VA	BIT	5.96	13814 13766	1.02 0.95	8.40 7.50	104.687		
			1974	W.V.	BIT	0.47	13814 13814	1.00 1.00	7.50 7.50	135.200		
			1976	KY	BIT	1.60	13300 13300	0.82 0.82	10.00 10.00	119.300		
			1977	KY	BIT	33.39	12853 10657	1.71 0.77	18.15 6.50	133.292		
			1977	PENN	BIT	27.46	12635 11222	1.60 0.96	15.98 10.00	136.590		
			1978	PENN	BIT	58.25	12829 11890	2.00 1.15	14.80 10.15	157.342		
NEW MEXICO												
ARIZONA PUBLIC SERVICE FOUR CORNERS	FARMINGTON	2269.80	1972	N.M.	SUB	3723.94	9095 8909	0.80 0.60	22.50 21.60	14.331		
			1973	N.M.	SUB	7389.29	9016 8790	0.70 0.60	22.60 20.90	15.519		
			1974	N.M.	SUB	6954.79	8884 8732	0.70 0.50	22.70 21.60	18.113		
			1975	N.M.	SUB	5941.60	8851 8682	0.60 0.49	23.30 21.80	21.942		
			1976	N.M.	SUB	6756.09	8857 8658	0.69 0.55	24.20 20.80	25.438		
			1977	N.M.	SUB	7390.29	8884 8698	0.69 0.60	22.20 21.00	27.179		
			1978	N.M.	SUB	6206.50	8850 8705	0.68 0.58	22.32 20.56	35.239		
PUBLIC SERVICE CO OF NEW MEXICO SAN JUAN	WATEFLOW	676.12	1973	N.M.	LIG	79.80	8838 8838	0.80 0.80	21.20 21.20	26.800		
			1974	N.M.	LIG	180.00	9916 8780	0.80 0.70	21.10 16.20	33.795		
			1974	N.M.	SUB	776.80	10279 9500	1.00 0.70	19.90 15.70	25.695		
			1975	N.M.	SUB	1243.30	9700 9700	1.00 0.80	23.00 18.60	25.529		
			1976	N.M.	SUB	1263.60	9700 9700	0.90 0.84	22.90 20.00	28.240		
			1977	N.M.	SUB	1731.30	9700 9700	0.89 0.89	22.40 22.40	38.129		
			1978	N.M.	SUB	2082.10	9700 9200	0.89 0.89	22.40 22.40	60.799		

NEW YORK

TABLE 3.4 CONTD.

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STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
JAMESTOWN BD OF PUB UTILS SAMUEL A CARLSON	JAMESTOWN	65.00	1972	PENN	BIT	55.05	13572 10208	2.92 0.90	18.80 2.00	48.620
			1973	PENN	BIT	100.95	13417 10756	3.50 0.70	19.90 6.50	50.812
			1974	OHIO	BIT	1.12	11151 8194	2.00 1.40	21.80 15.70	102.228
			1974	PENN	BIT	119.31	13572 10478	7.50 0.70	25.20 8.20	103.994
			1974	W.V.	BIT	1.64	12181 12181	1.00 1.00	12.30 12.30	87.800
			1975	PENN	BIT	100.84	13137 9923	3.80 1.00	25.10 7.80	114.706
			1976	PENN	BIT	107.68	13678 11175	4.44 0.83	19.60 6.70	99.407
			1977	PENN	BIT	109.49	13879 10546	4.87 0.61	22.40 5.80	100.104
			1978	PENN	BIT	47.04	13292 10096	3.59 0.55	21.70 8.63	121.072
NEW YORK ST ELFC & GAS GOUDEY	JOHNSON CITY	145.75	1972	PENN	BIT	134.40	12680 10124	3.30 0.90	24.10 9.90	42.382
			1972	W.V.	BIT	30.80	13176 11992	3.00 1.70	11.60 7.50	48.024
			1973	MD	BIT	42.80	11501 10200	3.70 1.70	20.50 16.30	54.529
			1973	OHIO	BIT	6.60	11500 11500	2.00 2.00	18.00 18.00	96.300
			1973	PENN	BIT	144.40	12710 9382	2.90 0.90	26.10 10.50	43.515
			1973	W.V.	BIT	121.40	11961 10031	2.40 1.20	19.70 12.80	46.031
			1974	MD	BIT	4.80	10220 10220	1.60 1.60	22.10 22.10	72.300
			1974	OHIO	BIT	30.80	12000 10519	2.40 1.90	19.20 11.00	123.331
			1974	PENN	BIT	342.60	12489 9151	4.10 0.60	31.70 10.40	96.058
			1974	W.V.	BIT	8.20	9614 8981	1.50 0.70	29.80 24.20	102.685
			1975	KY	BIT	2.10	12226 12226	0.60 0.60	7.40 7.40	192.700
			1975	PENN	BIT	385.20	12595 7997	3.10 0.40	31.20 8.60	97.730
			1976	MD	BIT	3.90	11700 11439	2.30 1.87	16.10 15.80	98.306
			1976	PENN	BIT	345.70	12949 10353	2.73 0.74	26.30 7.50	90.130
			1977	PENN	BIT	409.90	12589 9959	3.00 0.79	24.50 10.60	95.012
			1978	MD	BIT	32.00	11472 10841	2.16 1.08	17.40 14.90	122.421
			1978	PENN	BIT	347.50	12444 9346	2.90 0.65	33.30 12.80	109.292
GREENIDGE	DRESDEN	160.00	1972	PENN	BIT	293.60	12541 10754	3.10 1.10	21.80 10.40	43.043
			1973	PENN	BIT	289.80	12954 9148	3.90 0.60	26.60 8.90	44.877
			1973	W.V.	BIT	43.90	11781 10948	2.00 0.50	21.80 15.80	46.204
			1974	PENN	BIT	507.50	13118 9257	3.70 0.60	30.70 8.90	96.263
			1974	W.V.	BIT	2.60	10862 10862	2.40 2.40	21.20 21.20	66.500
			1975	PENN	BIT	531.20	12623 9871	6.20 0.70	26.70 9.60	100.228
			1975	W.V.	BIT	9.60	11775 11735	1.70 0.90	15.50 14.10	139.345
			1976	PENN	BIT	385.70	12474 10645	2.56 0.61	23.40 10.40	87.011
			1977	PENN	BIT	594.90	12750 9759	3.61 0.69	26.90 11.20	101.741
			1978	PENN	BIT	487.60	12956 10169	3.31 0.51	27.70 10.00	118.694
HICKLING	EAST CORNING	70.00	1972	PENN	BIT	125.91	11024 10672	1.70 1.40	23.00 21.90	31.059
			1973	PENN	BIT	333.60	11212 10700	1.90 1.20	22.90 20.20	32.211
			1974	PENN	BIT	412.70	10744 9935	1.90 1.50	26.50 21.00	49.922
			1975	PENN	BIT	410.20	10884 9991	1.70 0.90	25.20 21.20	61.897
			1976	PENN	BIT	409.10	10762 10415	1.28 0.83	25.30 22.80	68.240
			1977	PENN	BIT	434.50	10767 10128	1.36 0.93	26.00 23.50	75.495
			1978	PENN	BIT	418.50	11603 9598	1.61 0.62	29.50 17.90	89.244
JENNISON	BAINBRIDGE	60.00	1972	PENN	BIT	62.40	11992 8700	2.70 0.60	35.70 12.20	46.550
			1973	MD	BIT	17.30	10765 10210	2.40 2.10	19.00 17.20	46.946
			1973	PENN	BIT	190.10	12800 8968	2.80 0.50	34.30 12.00	48.617
			1973	W.V.	BIT	1.60	11454 11454	2.30 2.30	21.60 21.60	56.000
			1974	MD	BIT	0.80	9949 9949	3.30 3.30	23.30 23.30	106.900
			1974	PENN	ANT	79.82	11302 8167	2.70 0.40	29.50 11.40	97.348

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
MILLIKEN	LUDLOWVILLE	270.00	1974	PENN	BIT	184.70	11935 8185	4.80 0.50	33.30 12.00	98.594
			1974	W.V.	BIT	4.10	11302 8031	2.10 0.60	38.00 20.40	127.680
			1975	PENN	ANT	1.30	9761 7435	0.60 0.50	26.20 21.80	80.737
			1975	PENN	BIT	218.20	12288 9050	2.90 0.80	28.40 11.00	102.483
			1976	MD	BIT	0.40	11172 11172	2.25 2.25	18.30 18.30	103.500
			1976	PENN	ANT	11.60	11622 9745	0.97 0.57	25.30 13.90	102.477
			1976	PENN	BIT	182.30	11477 9593	2.00 0.60	23.70 10.40	87.647
			1977	PENN	ANT	33.00	11016 9234	2.04 0.61	29.80 15.90	106.316
			1977	PENN	BIT	299.30	11235 9563	2.50 0.66	29.50 18.90	89.394
			1978	PENN	ANT	17.20	10893 9042	2.71 0.48	25.90 17.80	103.600
			1978	PENN	BIT	310.80	12539 9306	2.63 0.64	30.00 13.40	102.329
			1972	PENN	BIT	243.50	13206 9200	3.60 0.60	35.10 7.80	44.743
			1972	W.V.	BIT	94.60	12620 11408	3.50 1.80	20.80 12.30	46.232
			1973	MD	BIT	82.50	11073 10062	2.90 1.80	23.80 18.20	50.769
			1973	PENN	BIT	300.80	12951 9141	3.90 0.90	32.70 9.10	48.408
			1973	W.V.	BIT	325.40	11953 9865	2.80 1.00	26.00 13.90	47.164
			1974	MD	BIT	39.90	10984 9564	2.40 1.50	25.50 20.60	95.293
			1974	PENN	BIT	720.49	12397 8577	4.40 0.80	29.10 10.90	104.682
			1974	W.V.	BIT	114.00	12111 8361	3.80 0.90	33.90 13.10	125.074
			1975	MD	BIT	10.50	9976 9976	1.80 1.80	21.80 21.80	127.100
			1975	PENN	BIT	801.90	12526 10053	3.00 0.90	23.40 9.60	116.501
			1975	W.V.	BIT	19.80	11800 10500	2.90 0.70	16.90 15.40	139.553
			1976	PENN	BIT	752.20	12345 10803	2.99 1.18	21.60 10.80	114.178
			1977	MD	BIT	30.40	11557 11140	2.36 2.02	18.30 17.40	108.944
			1977	PENN	BIT	772.40	12454 9907	3.86 0.87	25.90 10.40	116.556
			1977	W.V.	BIT	34.90	12025 11175	2.78 0.74	16.80 12.90	107.964
			1978	MD	BIT	145.90	13098 10473	2.20 1.10	23.10 13.40	121.584
			1978	PENN	BIT	642.80	12615 10341	2.92 0.64	26.30 2.04	122.142
			1978	W.V.	BIT	8.90	11980 10666	2.13 0.75	17.80 15.80	116.581
NIAGRA-MOHAWK POWER OSWEGO	OSWEGO	1278.00	1972	PENN	BIT	7.00	12288 12288	1.90 1.90	14.30 14.30	48.100
			1972	W.V.	BIT	39.00	13561 13113	2.70 2.20	10.10 6.60	47.928
HUNTLEY	BUFFALO	828.00	1972	KY	BIT	138.00	13743 12346	1.60 0.60	11.50 3.00	66.326
			1972	PENN	BIT	245.00	13519 12328	2.50 0.90	14.60 6.10	51.408
			1972	VA	BIT	55.00	14122 12721	1.00 0.70	8.30 4.00	64.361
			1972	W.V.	BIT	182.00	13578 12505	3.90 0.70	12.30 6.90	48.395
			1973	KY	BIT	207.00	13567 12767	2.70 0.60	12.80 2.90	70.788
			1973	PENN	BIT	547.00	13211 11884	5.90 1.30	13.60 8.10	55.351
			1973	W.V.	BIT	761.00	13710 12036	3.40 1.40	13.20 6.20	50.045
			1974	KY	BIT	218.00	13658 10933	3.20 0.80	18.30 3.20	167.513
			1974	OHIO	BIT	121.00	11311 10506	3.30 2.90	18.00 11.70	139.774
			1974	PENN	BIT	880.00	13338 10266	5.90 1.10	24.70 7.20	113.186
			1974	VA	BIT	18.00	12291 9536	1.00 0.70	34.10 14.60	194.821
			1974	W.V.	BIT	634.00	13623 11589	3.40 0.60	17.00 6.60	81.992
			1975	KY	BIT	414.00	13658 11785	1.60 0.90	10.80 3.20	151.514
			1975	PENN	BIT	476.00	13458 11157	3.50 1.30	17.20 7.90	127.532
			1975	W.V.	BIT	658.00	13583 11434	3.30 1.50	19.60 6.90	119.719
			1976	KY	BIT	482.00	13539 12708	1.80 0.80	6.00 3.90	145.039
			1976	PENN	BIT	511.00	13240 11135	2.60 1.30	16.80 7.80	121.864
			1976	W.V.	BIT	617.00	13659 12300	3.00 2.10	13.60 6.70	125.584
			1977	KY	BIT	618.00	14108 12361	1.70 0.80	9.10 3.50	159.798
			1977	PENN	BIT	790.00	13348 11909	2.10 1.00	17.80 7.30	129.495
			1977	W.V.	BIT	198.00	13646 13131	2.80 1.50	8.80 7.00	127.323

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
DUNKIRK	DUNKIRK	628.00	1978	KY	BIT	437.00	13383 12693	1.60 0.80	8.40 4.00	185.289
			1978	PENN	BIT	975.00	13359 12272	2.30 0.86	14.00 7.40	139.786
			1978	W.V.	BIT	3.00	13167 13167	1.60 1.60	6.80 6.80	127.100
			1972	KY	BIT	2.00	12673 12673	0.60 0.60	8.40 8.40	55.700
			1972	PENN	BIT	326.00	13516 11574	2.50 0.80	14.60 8.30	50.613
			1972	W.V.	BIT	177.00	13696 12505	4.00 0.80	12.30 6.70	45.637
			1973	PENN	BIT	1008.00	13413 9879	3.80 0.70	21.20 7.00	52.582
			1973	W.V.	BIT	325.00	13652 12592	3.60 2.20	13.20 6.70	47.980
			1974	KY	BIT	38.00	12375 12105	3.20 1.20	11.10 8.20	165.941
			1974	PENN	BIT	1183.00	13028 9953	6.50 0.70	25.60 9.20	117.327
			1974	W.V.	BIT	137.00	13551 11702	3.40 1.00	14.00 6.80	80.644
			1975	KY	BIT	91.00	13178 11416	3.70 0.90	13.40 4.20	157.922
			1975	PENN	BIT	1077.00	13348 10827	4.20 0.90	17.20 7.60	123.154
			1975	W.V.	BIT	26.00	13490 12413	3.30 2.60	13.00 7.10	118.445
			1976	PENN	BIT	1151.00	13240 11135	2.90 1.20	14.40 7.80	111.203
			1976	W.V.	BIT	66.00	13612 12571	3.00 2.30	12.20 6.80	122.483
			1977	PENN	BIT	1172.00	13451 11177	2.90 1.10	15.50 6.70	114.237
			1977	W.V.	BIT	57.00	13646 12970	2.80 2.20	11.30 6.90	127.128
			1978	PENN	BIT	1248.00	13397 11944	2.70 0.71	14.60 6.80	126.376
			1978	W.V.	BIT	18.00	12827 12364	2.60 2.10	10.40 9.00	131.965
ORANGE & ROCKLAND UTILITIES										
LOVETT	TOMKINS COVE	495.12	1974	OHIO	BIT	8.00	11941 11523	2.00 1.90	18.50 13.00	121.471
			1974	PENN	BIT	29.10	12832 10411	3.80 1.60	16.80 12.00	108.937
			1974	W.V.	BIT	42.00	12839 11139	2.60 0.49	17.60 11.30	127.252
ROCHESTER GAS & ELEC CORP										
ROCHESTER 3	ROCHESTER	196.20	1972	PENN	BIT	81.00	13144 12900	2.15 0.90	9.30 8.50	49.697
			1972	W.V.	BIT	51.00	13284 12995	2.56 2.37	9.20 8.80	47.481
			1973	PENN	BIT	144.00	13250 12200	2.30 0.90	12.10 8.80	53.994
			1973	W.V.	BIT	42.00	13353 12910	2.90 2.20	9.60 8.00	50.911
			1974	COLO	BIT	1.00	10790 10790	0.56 0.56	7.80 7.80	196.000
			1974	KY	BIT	12.00	12760 11770	2.80 0.81	12.70 9.00	164.615
			1974	OHIO	BIT	17.00	12560 11632	3.10 1.00	14.60 12.60	127.208
			1974	PENN	BIT	137.00	13120 11196	3.00 1.30	15.10 10.10	119.427
			1974	W.V.	BIT	33.00	13430 11100	2.80 2.30	12.70 8.00	91.522
			1975	COLO	BIT	4.00	10700 10700	0.60 0.60	7.80 7.80	197.000
			1975	KY	BIT	6.70	12475 11538	0.80 0.70	13.30 12.40	138.802
			1975	PENN	BIT	155.90	13050 11788	2.30 1.20	12.60 8.00	128.165
			1975	W.V.	BIT	30.10	13285 12100	3.20 2.60	12.40 8.60	121.699
			1976	KY	BIT	2.15	11810 11700	1.00 0.80	15.30 13.90	105.503
			1976	PENN	BIT	154.65	13840 11810	3.83 0.74	15.40 6.40	121.618
			1976	W.V.	BIT	40.49	13490 12350	3.22 2.28	12.10 6.60	129.900
			1977	PENN	BIT	171.30	13320 11810	3.51 1.05	14.10 7.50	121.021
			1977	W.V.	BIT	34.10	13540 12610	2.83 2.06	11.60 6.90	130.967
			1978	OHIO	BIT	5.70	12290 12290	3.15 3.15	9.70 9.70	146.800
			1978	PENN	BIT	151.50	13220 11080	3.59 1.15	18.00 6.90	131.375
			1978	W.V.	BIT	36.90	13380 12180	3.00 1.21	14.10 6.70	142.426
ROCHESTER 7	ROCHESTER	252.60	1972	PENN	BIT	181.00	13450 12934	2.48 1.25	9.40 8.30	49.964
			1972	W.V.	BIT	66.00	13239 12800	2.78 2.40	9.30 8.50	47.832
			1973	IND	BIT	49.00	13321 12989	2.50 1.70	9.30 8.70	50.558
			1973	PENN	BIT	257.00	13221 12587	2.50 1.00	12.20 8.80	54.103
			1973	W.V.	BIT	124.00	13325 13142	2.60 2.20	9.80 8.00	50.672
			1974	COLO	BIT	3.00	10970 10970	0.56 0.56	7.80 7.80	196.000

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1974	KY	BIT	17.00	12760 12106	2.80 0.82	13.70 9.00	165.417
			1974	OHIO	BIT	20.00	12500 11622	3.10 1.00	14.60 12.70	142.348
			1974	PENN	BIT	388.00	12864 11106	2.80 1.60	15.10 10.30	117.051
			1974	W.V.	BIT	81.00	13400 12006	2.90 2.30	12.00 8.00	85.560
			1975	COLO	BIT	1.00	10700 10700	0.60 0.60	7.80 7.80	197.000
			1975	KY	BIT	10.20	12500 11520	0.80 0.70	13.40 12.40	155.254
			1975	PENN	BIT	435.20	13119 12166	2.40 1.00	12.70 8.00	127.495
			1975	W.V.	BIT	96.20	13180 12220	3.22 2.60	12.50 8.90	122.135
			1976	KY	BIT	0.20	11810 11810	1.00 1.00	13.90 13.90	103.000
			1976	PENN	BIT	375.08	13840 11810	3.83 0.74	15.40 6.40	121.613
			1976	W.V.	BIT	139.92	13490 12770	3.22 2.00	12.10 6.60	126.984
			1977	PENN	BIT	498.40	13380 11560	3.51 1.05	13.70 6.80	119.708
			1977	W.V.	BIT	204.60	13540 12730	2.89 2.06	10.60 6.60	130.580
			1978	OHIO	BIT	1.50	12290 12290	3.15 3.15	9.70 9.70	146.800
			1978	PENN	BIT	475.00	13220 10200	4.11 1.15	18.00 4.20	134.303
			1978	W.V.	BIT	145.70	13380 12080	3.00 1.80	14.10 6.70	144.997
NORTH CAROLINA										
CAROLINA POWER & LIGHT ASHEVILLE	ASHEVILLE	413.64	1972	KY	BIT	222.10	12927 11065	2.30 0.30	14.10 5.00	44.028
			1972	TENN	BIT	120.10	12819 11019	1.80 0.60	13.60 6.00	44.015
			1972	VA	BIT	8.00	12224 11275	1.10 1.00	16.50 10.10	43.665
			1973	KY	BIT	542.99	12822 11031	2.70 0.40	18.60 6.60	48.803
			1973	TENN	BIT	215.90	12830 11213	3.00 0.60	15.90 6.40	47.968
			1973	VA	BIT	86.20	12468 11218	2.10 0.50	17.40 8.80	47.136
			1973	W.V.	BIT	2.80	12529 12161	1.00 0.80	11.50 10.20	46.106
			1974	ALA	BIT	5.20	11500 10462	1.80 0.70	19.20 13.00	173.132
			1974	KY	BIT	672.99	13000 9774	2.50 0.20	27.10 7.00	162.512
			1974	TENN	BIT	204.80	13164 10506	2.60 0.50	21.40 3.00	124.620
			1974	VA	BIT	170.20	12789 9802	2.40 0.70	24.20 9.90	142.757
			1975	KY	BIT	517.40	13613 9838	2.00 0.40	22.40 3.50	105.037
			1975	TENN	BIT	224.30	12766 10117	2.30 0.60	23.70 8.00	103.893
			1975	VA	BIT	126.40	12961 11682	1.40 0.50	13.90 8.00	113.651
			1975	W.V.	BIT	22.70	12658 12658	1.10 1.10	9.80 9.80	131.600
			1976	KY	BIT	372.60	13314 10016	1.60 0.35	21.60 4.30	100.402
			1976	TENN	BIT	538.20	13096 10710	2.04 0.57	18.10 6.80	100.447
			1976	VA	BIT	121.20	13189 11672	3.77 0.45	14.30 6.10	102.837
			1977	KY	BIT	373.20	13900 10113	3.30 0.62	22.90 4.00	114.706
			1977	TENN	BIT	454.30	12813 8690	3.49 0.72	33.50 8.90	106.910
			1977	VA	BIT	9.30	12087 10170	1.36 0.53	22.40 10.40	118.466
			1978	KY	BIT	250.20	13031 10390	5.01 0.63	18.70 7.00	132.312
			1978	TENN	BIT	263.00	12864 11735	3.48 0.92	17.90 9.60	122.455
			1978	VA	BIT	296.50	12706 10948	2.55 0.67	22.20 8.50	132.129
CAPE FEAR	MONCURE	390.98	1972	KY	BIT	209.50	13539 11641	1.50 0.30	15.00 4.80	48.613
			1972	TENN	BIT	18.00	13149 10602	1.30 0.30	17.50 6.60	46.456
			1972	VA	BIT	7.70	13661 11776	1.10 0.50	12.40 8.20	46.567
			1972	W.V.	BIT	98.20	13108 11528	2.00 0.20	14.30 8.30	47.602
			1973	KY	BIT	408.80	13645 10616	1.20 0.30	23.20 3.60	53.036
			1973	TENN	BIT	18.20	12632 11920	0.90 0.70	10.40 9.20	50.218
			1973	VA	BIT	110.00	13461 11525	1.10 0.60	14.60 5.20	52.881
			1973	W.V.	BIT	119.10	13503 11681	1.20 0.60	18.20 6.00	55.020
			1974	KY	BIT	533.20	13000 7631	1.20 0.50	30.60 5.00	167.248

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
LEE	GOLDSBORO	402.45	1974	TENN	BIT	64.20	13003	9395	1.70	0.80	25.80	6.90	149.254
			1974	VA	BIT	208.80	12976	10416	1.20	0.50	23.50	8.70	168.693
			1974	W.V.	BIT	70.30	12800	8394	1.10	0.20	28.80	7.00	161.833
			1975	KY	BIT	375.40	13262	9874	0.90	0.60	18.60	4.50	110.628
			1975	TENN	BIT	15.00	11829	9394	0.90	0.70	30.10	13.80	97.930
			1975	VA	BIT	207.20	12985	10577	0.90	0.70	18.20	8.30	109.956
			1975	W.V.	BIT	136.10	12455	9957	1.00	0.70	23.30	9.30	141.906
			1976	KY	BIT	256.50	13489	10258	2.42	0.58	20.90	4.50	96.202
			1976	TENN	BIT	7.40	12393	12393	1.01	1.01	11.50	11.50	106.400
			1976	VA	BIT	79.10	13537	11173	1.34	0.79	17.80	7.40	105.071
			1976	W.V.	BIT	161.30	12578	10634	2.05	0.69	21.90	9.80	146.003
			1977	KY	BIT	391.20	12908	9980	2.87	0.58	23.10	7.70	120.927
			1977	TENN	BIT	118.50	12559	10422	3.48	0.52	22.30	9.00	138.644
			1977	VA	BIT	45.50	12568	10932	3.39	0.52	17.40	9.40	112.980
			1977	W.V.	BIT	60.70	12592	11170	2.00	0.50	18.00	10.20	128.282
			1978	--	PC	0.80	14172	13983	3.43	2.91	1.00	1.00	105.836
			1978	KY	BIT	214.60	13096	9026	3.79	0.50	29.00	6.30	149.387
			1978	TENN	BIT	36.30	12692	10914	2.59	1.02	17.90	8.20	123.065
			1978	VA	BIT	144.10	14172	10761	3.43	0.44	24.00	6.30	138.862
			1978	W.V.	BIT	36.30	12402	11588	1.00	0.57	15.90	9.20	151.523
			1972	KY	BIT	163.00	13610	12490	1.30	0.40	10.60	5.80	51.575
			1972	VA	BIT	87.40	13468	12898	1.50	0.60	10.70	7.30	49.911
			1972	W.V.	BIT	179.70	13830	11716	1.60	0.50	14.70	4.00	49.901
			1973	KY	BIT	451.50	13652	11421	2.20	0.40	17.20	4.00	53.814
			1973	VA	BIT	154.20	13486	12214	1.80	0.50	16.10	7.20	53.561
			1973	W.V.	BIT	46.90	12994	12106	1.40	0.40	14.70	8.10	55.556
			1974	KY	BIT	249.50	13237	9900	2.10	0.40	25.60	6.60	137.575
			1974	TENN	BIT	100.80	13000	11089	2.40	0.50	19.20	9.00	182.047
			1974	VA	BIT	427.60	13647	11002	2.50	0.40	19.70	5.60	160.131
			1974	W.V.	BIT	112.60	13370	10397	1.80	0.30	22.80	5.50	167.566
			1975	KY	BIT	370.50	13269	10252	2.00	0.50	22.70	7.70	113.329
			1975	TENN	BIT	39.70	12635	11071	1.80	0.70	20.20	11.00	110.620
			1975	VA	BIT	128.50	12943	10194	1.70	0.60	17.40	8.20	112.481
			1975	W.V.	BIT	158.60	12782	9602	1.60	0.40	26.50	9.30	134.824
			1976	KY	BIT	167.90	12774	7709	2.11	0.33	38.00	7.90	96.346
			1976	TENN	BIT	6.00	11999	11800	1.15	0.96	12.60	9.30	104.177
			1976	VA	BIT	109.70	13600	11066	2.02	0.58	20.00	10.30	100.814
			1976	W.V.	BIT	380.70	13039	10759	1.57	0.41	18.30	7.00	146.971
			1977	KY	BIT	223.30	13250	10794	2.89	0.42	19.40	6.50	134.445
			1977	TENN	BIT	65.00	12500	10632	1.94	0.74	19.10	8.40	130.273
			1977	VA	BIT	185.40	13201	10991	2.13	0.51	19.80	7.30	125.878
			1977	W.V.	BIT	475.00	13131	10850	1.85	0.42	20.80	8.50	149.794
			1978	KY	BIT	229.50	12704	10496	3.25	0.58	20.20	8.40	149.785
			1978	TENN	BIT	36.30	13031	11500	3.72	0.70	15.60	7.40	132.340
			1978	VA	BIT	75.90	12622	10679	2.27	0.51	21.10	10.00	140.629
ROXBORO	ROXBORO	1813.05	1978	W.V.	BIT	205.50	13093	10531	1.95	0.52	19.50	8.10	142.551
			1972	KY	BIT	513.30	13157	11507	2.10	0.90	14.40	7.80	44.573
			1972	VA	BIT	170.70	13487	11832	2.60	1.00	17.70	6.60	41.932
			1972	W.V.	BIT	919.40	13362	11978	2.10	1.00	15.40	8.80	40.950
			1973	KY	BIT	1445.40	13286	10876	1.50	0.80	21.30	0.00	48.029
			1973	VA	BIT	70.40	13217	10664	2.50	0.30	23.60	9.00	46.145
			1973	W.V.	BIT	1579.00	13141	11411	1.30	0.80	18.60	8.80	43.808
			1974	KY	BIT	2019.99	12783	9727	2.40	0.70	23.80	7.70	125.363
			1974	VA	BIT	359.20	13272	10265	3.00	0.60	27.70	6.10	160.611

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE Btu MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
SUTTON	WILMINGTON	671.62	1974	W.V.	BIT	1333.40	13971 10482	1.60 0.60	26.70 5.80	56.349
			1975	KY	BIT	1840.69	13043 11129	2.20 0.40	20.40 8.40	103.143
			1975	VA	BIT	769.69	12946 10577	3.30 0.40	19.10 6.60	91.105
			1975	W.V.	BIT	1221.20	12852 10675	2.40 0.40	22.70 11.60	75.916
			1976	KY	BIT	1820.99	13009 10505	2.41 0.52	19.10 6.60	100.915
			1976	VA	BIT	317.50	13000 10972	2.58 0.40	20.50 8.40	90.202
			1976	W.V.	BIT	1596.20	12956 9592	1.20 0.46	25.80 9.60	90.889
			1977	KY	BIT	1884.77	12766 10538	2.39 0.47	23.10 6.50	117.984
			1977	VA	BIT	389.29	13214 8269	2.68 0.49	39.90 8.00	121.851
			1977	W.V.	BIT	1246.00	12830 8721	1.90 0.49	31.20 7.10	94.876
			1978	KY	BIT	1472.79	12768 9770	1.24 0.43	20.30 6.80	131.264
			1978	VA	BIT	326.89	13243 9791	2.28 0.52	25.90 6.20	137.992
			1978	W.V.	BIT	1311.39	12538 10440	1.89 0.48	22.50 7.30	104.208
			1972	KY	BIT	14.00	12785 12170	1.30 0.90	12.80 10.00	48.015
			1972	W.V.	BIT	2.00	12450 12450	1.70 1.70	11.20 11.20	47.900
			1973	KY	BIT	160.90	12600 11122	1.20 0.30	19.00 8.00	56.200
			1973	TENN	BIT	0.40	12505 11373	0.70 0.60	14.80 9.40	72.387
			1973	VA	BIT	158.90	12481 10786	1.90 0.40	20.60 8.10	56.169
			1974	KY	BIT	220.90	12598 9536	2.00 0.40	27.60 10.60	156.729
			1974	TENN	BIT	18.00	12126 10468	2.30 1.10	20.50 13.20	146.675
			1974	VA	BIT	29.80	11833 11119	1.10 0.40	19.70 17.40	149.514
			1975	KY	BIT	391.30	13379 11143	2.30 0.20	19.30 4.00	118.175
			1975	TENN	BIT	39.80	12662 10740	1.50 0.60	16.50 10.40	116.825
			1975	VA	BIT	364.20	12978 10890	1.80 0.30	18.80 8.20	109.277
			1975	W.V.	BIT	18.30	11971 9229	0.80 0.50	28.60 9.40	137.044
			1976	KY	BIT	31.50	12522 11125	1.29 0.45	18.40 11.30	102.643
			1976	TENN	BIT	45.00	13000 10735	2.06 0.82	22.00 7.60	107.895
			1976	VA	BIT	606.89	12966 10499	2.61 0.38	17.90 6.40	113.623
			1977	KY	BIT	337.20	12729 9848	4.72 0.42	23.80 5.60	134.730
			1977	TENN	BIT	63.80	12699 10391	2.35 0.61	20.80 8.60	129.583
			1977	VA	BIT	550.89	12965 10597	3.03 0.52	23.40 7.90	120.061
			1977	W.V.	BIT	19.20	12617 11183	1.18 0.54	18.10 9.00	131.786
			1978	KY	BIT	428.69	12712 10522	2.85 0.45	22.60 7.40	138.445
			1978	TENN	BIT	61.10	12355 9880	3.71 0.61	29.30 11.80	123.733
			1978	VA	BIT	194.50	12663 10039	2.84 0.48	27.30 8.50	135.626
			1978	W.V.	BIT	110.90	12807 11288	1.08 0.52	17.20 8.10	160.828
WEATHERSPOON	LUMBERTON	165.50	1972	KY	BIT	96.00	13462 12455	2.00 0.60	10.80 5.50	49.172
			1972	TENN	BIT	1.00	12414 12414	1.40 1.40	8.50 8.50	46.900
			1972	VA	BIT	10.00	13072 12660	1.10 0.50	11.70 6.90	48.201
			1972	W.V.	BIT	4.00	12231 12231	1.00 1.00	12.60 12.60	44.700
			1973	KY	BIT	134.40	13522 12154	1.40 0.60	14.20 2.00	54.278
			1973	TENN	BIT	3.00	12324 12324	0.60 0.60	10.20 10.20	55.100
			1973	VA	BIT	66.90	13200 11949	1.30 0.60	15.20 7.00	50.601
			1973	W.V.	BIT	13.90	12540 12540	1.30 1.30	9.60 9.60	60.800
			1974	KY	BIT	203.10	13027 10506	2.20 0.60	21.20 6.70	105.349
			1974	TENN	BIT	8.30	12373 12177	1.70 1.60	12.50 11.10	185.628
			1974	VA	BIT	48.60	12892 10779	2.30 1.10	21.90 8.80	151.076
			1974	W.V.	BIT	107.20	12984 11038	2.00 0.60	19.80 8.50	159.654
			1975	KY	BIT	112.10	13021 10732	3.50 0.50	19.70 7.50	113.793
			1975	TENN	BIT	3.20	12612 11308	1.90 0.80	20.20 9.30	109.671
			1975	VA	BIT	90.90	13061 10973	2.90 0.70	19.30 8.80	98.483
			1975	W.V.	BIT	2.20	12712 12712	1.90 1.90	11.00 11.00	141.100
			1976	KY	BIT	21.10	12283 11593	2.13 0.63	15.10 12.00	102.488
			1976	TENN	BIT	33.70	12158 11601	1.32 0.97	15.90 11.90	108.111

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
DUKE POWER ALLEN	BELMONT	1155.00	1976	VA	BIT	167.30	12828	11605	1.87	0.56	15.60	7.90	109.726
			1977	KY	BIT	170.10	12783	10757	2.96	0.51	19.90	8.70	131.046
			1977	TENN	BIT	16.50	12419	11240	1.47	0.77	19.90	11.60	122.905
			1977	VA	BIT	166.70	13198	11500	2.01	0.63	17.40	8.10	121.741
			1977	W.V.	BIT	11.70	11661	11281	0.97	0.69	18.30	13.50	133.578
			1978	KY	BIT	117.70	12734	10500	2.60	0.64	21.20	9.20	144.535
			1978	TENN	BIT	13.00	12469	12004	1.13	0.82	13.90	12.50	128.387
			1978	VA	BIT	83.10	12510	11346	2.69	0.74	19.80	10.30	138.683
			1978	W.V.	BIT	32.10	12864	11544	2.24	0.73	15.90	11.30	130.576
			1972	KY	BIT	627.45	13500	10475	3.70	0.60	18.80	6.00	45.866
			1972	TENN	BIT	12.67	13000	11880	3.90	0.70	16.50	7.00	43.612
			1972	VA	BIT	832.32	13000	11500	1.90	0.60	16.50	7.00	45.948
			1972	W.V.	BIT	140.94	13000	11000	2.20	0.50	17.70	7.00	46.482
BELEWS CREEK	WALNUT COVE	2160.00	1973	KY	BIT	1080.75	14000	11356	3.10	0.50	17.00	9.00	53.260
			1973	VA	BIT	1408.27	13000	11500	1.60	0.50	15.50	10.00	50.236
			1973	W.V.	BIT	298.45	12809	11000	1.90	0.40	22.00	7.00	48.097
			1974	KY	BIT	721.29	13400	9547	1.50	0.50	22.60	7.00	95.381
			1974	TENN	BIT	26.01	12000	11500	1.20	0.80	15.00	10.00	162.626
			1974	VA	BIT	1715.69	13000	10806	2.00	0.60	16.90	8.50	90.411
			1974	W.V.	BIT	253.63	14200	10806	2.50	0.60	19.60	4.50	138.411
			1975	KY	BIT	308.82	13400	10481	2.80	0.60	18.40	8.00	118.191
			1975	TENN	BIT	17.57	12400	11500	1.20	0.70	15.00	10.00	146.746
			1975	VA	BIT	1493.33	12500	11500	2.00	0.80	16.50	7.00	120.053
			1975	W.V.	BIT	5.00	12000	11000	1.10	0.60	16.00	12.00	123.933
			1976	KY	BIT	110.10	12500	11600	2.80	0.70	15.00	7.00	89.849
			1976	TENN	BIT	28.18	12500	12000	2.00	0.90	14.00	10.00	88.802
			1976	VA	BIT	1818.04	12947	11731	2.30	0.65	18.00	7.00	114.255
			1977	KY	BIT	743.70	13500	11032	2.70	0.70	17.00	6.00	126.954
			1977	TENN	BIT	75.44	12500	11500	2.00	0.90	14.00	10.00	120.008
			1977	VA	BIT	1595.63	13500	11500	2.00	0.65	17.40	6.00	120.122
			1977	W.V.	BIT	19.58	13500	11500	1.50	0.60	19.60	6.50	130.151
			1978	KY	BIT	521.36	13000	11500	3.50	0.70	16.90	7.00	139.973
			1978	TENN	BIT	33.37	13000	11500	2.00	1.00	15.00	10.00	138.177
			1978	VA	BIT	963.82	12500	10812	2.00	0.60	18.00	9.00	136.103
			1978	W.V.	BIT	262.97	13000	11500	1.90	0.70	16.00	8.00	139.590
			1974	KY	BIT	1355.23	12302	11541	1.20	0.90	13.20	10.10	64.856
			1975	KY	BIT	2605.90	12361	10481	1.30	0.70	18.40	10.60	87.431
			1975	VA	BIT	347.13	12170	11079	1.30	0.70	20.90	10.60	96.250
			1975	W.V.	BIT	69.97	11916	11000	1.10	1.00	18.50	12.00	121.199
BUCK	SPENCER	370.00	1976	KY	BIT	3954.91	13000	11176	2.00	0.60	19.70	7.00	101.209
			1976	TENN	BIT	11.12	12500	12000	3.00	1.50	15.00	13.00	93.720
			1976	VA	BIT	480.70	12794	11801	2.00	0.89	14.30	10.00	135.663
			1976	W.V.	BIT	454.40	12000	10958	1.41	0.60	22.70	9.00	124.443
			1977	KY	BIT	3420.24	13100	11153	1.90	0.60	21.70	6.00	117.330
			1977	OHIO	BIT	0.75	11700	11700	2.00	2.00	10.00	10.00	148.500
			1977	VA	BIT	546.71	12409	11500	2.00	0.60	15.60	5.00	135.912
			1977	W.V.	BIT	564.00	13000	9967	1.80	0.50	27.20	9.00	156.282
			1978	KY	BIT	3780.39	13500	11500	2.00	0.76	14.20	6.00	135.274
			1978	VA	BIT	556.27	13093	11500	1.92	0.46	31.40	5.00	153.937
			1978	W.V.	BIT	593.89	13000	9388	2.00	0.50	31.50	7.00	158.386
			1972	KY	BIT	312.75	13000	11500	2.50	0.60	16.10	7.00	48.179
			1972	TENN	BIT	0.53	12500	12000	4.20	1.40	12.00	10.00	44.265

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	CCAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
CLIFFSIDE	CLIFFSIDE	781.00	1972	VA	BIT	73.76	13000	11614	1.70	0.50	17.50	10.00	44.835
			1972	W.V.	BIT	120.77	13500	11500	1.30	0.40	17.90	6.00	44.347
			1973	KY	BIT	696.03	14000	11500	1.60	0.50	17.00	9.00	53.752
			1973	VA	BIT	33.21	13000	11000	1.60	0.50	17.00	10.00	49.815
			1973	W.V.	BIT	119.74	12809	10637	1.90	0.40	22.00	7.00	48.415
			1974	KY	BIT	495.14	12700	11000	1.20	0.50	18.00	9.00	103.412
			1974	VA	BIT	70.04	13000	11500	2.30	0.80	15.00	9.00	141.579
			1974	W.V.	BIT	232.90	14200	10517	1.50	0.60	22.70	4.50	125.917
			1975	KY	BIT	133.55	12276	10729	1.30	0.80	17.20	9.70	113.223
			1975	VA	BIT	62.28	12400	11300	1.50	0.80	16.00	10.00	112.783
			1975	W.V.	BIT	374.11	13000	10517	2.00	0.60	23.60	8.00	117.814
			1976	KY	BIT	117.33	13000	11535	2.00	0.68	15.30	8.00	96.983
			1976	VA	BIT	63.27	12500	12000	1.60	0.50	15.00	9.00	91.446
			1976	W.V.	BIT	116.74	12933	10958	1.23	0.50	22.70	9.00	107.729
			1977	KY	BIT	372.69	13000	11462	2.00	0.60	16.40	8.00	133.406
			1977	TENN	BIT	13.51	12500	11500	2.00	0.70	15.00	9.00	132.403
			1977	VA	BIT	197.39	12500	11500	2.00	0.70	15.00	7.00	132.291
			1977	W.V.	BIT	322.22	13000	10568	1.80	0.43	16.40	5.00	130.695
			1978	KY	BIT	139.40	13000	11700	2.00	0.75	14.00	6.00	140.034
			1978	N.C.	BIT	0.06	13000	13000	1.00	1.00	8.00	8.00	92.300
			1978	TENN	BIT	106.96	12500	11500	2.00	1.00	14.00	10.00	141.426
			1978	VA	BIT	139.95	13000	10812	2.00	0.53	18.00	9.00	139.980
			1978	W.V.	BIT	162.85	13000	11500	2.00	0.64	19.10	7.00	142.624
			1972	KY	BIT	32.05	12416	11948	1.60	1.20	15.70	13.30	37.824
			1972	VA	BIT	1110.71	13119	11901	2.20	0.60	16.10	9.00	37.963
			1973	KY	BIT	2.91	11500	11500	1.00	1.00	15.00	15.00	39.200
			1973	VA	BIT	1715.38	13300	11500	2.70	0.60	15.60	7.00	41.021
			1974	KY	BIT	1.39	13000	11759	1.00	0.70	16.40	8.00	113.514
			1974	VA	BIT	1978.15	13300	9675	1.90	0.50	26.70	7.00	76.798
			1975	KY	BIT	0.31	12000	11106	1.10	0.90	16.40	12.00	103.886
			1975	VA	BIT	1650.96	13100	10800	1.80	0.60	20.00	9.90	108.431
			1976	KY	BIT	0.14	12000	12000	0.90	0.90	12.00	12.00	86.181
			1976	VA	BIT	1272.56	13128	11128	1.83	0.84	18.00	8.30	98.639
			1977	KY	BIT	290.47	12500	10969	1.70	0.70	17.80	10.00	153.833
			1977	TENN	BIT	11.70	11500	11500	2.00	2.00	13.00	12.00	139.200
			1977	VA	BIT	1343.67	13500	11500	1.75	0.67	17.60	6.50	107.019
			1978	KY	BIT	490.87	12500	11500	1.50	0.90	17.00	10.00	168.707
			1978	VA	BIT	726.53	13268	11168	2.00	0.69	19.10	7.80	118.538
DAN RIVER	EDEN	290.00	1972	KY	BIT	155.81	13000	12000	2.20	0.60	13.00	7.00	46.858
			1972	VA	BIT	30.18	13000	11614	1.70	0.50	17.50	10.00	42.872
			1972	W.V.	BIT	192.66	13000	11500	1.90	0.40	19.90	5.80	42.795
			1973	KY	BIT	455.68	14000	11500	1.60	0.50	17.00	9.00	51.953
			1973	VA	BIT	26.45	13000	11500	1.60	0.60	15.50	10.00	47.617
			1973	W.V.	BIT	357.11	12809	11000	1.90	0.40	22.00	6.20	46.676
			1974	KY	BIT	238.27	12806	11155	1.90	0.70	16.00	9.00	91.249
			1974	VA	BIT	23.97	13000	11500	1.00	0.60	15.00	8.00	139.657
			1974	W.V.	BIT	317.93	14200	10806	2.00	0.60	18.60	4.50	129.880
			1975	KY	BIT	265.99	12361	11018	1.30	0.70	17.40	3.50	105.760
			1975	VA	BIT	36.67	12300	11500	1.50	0.80	16.00	12.00	121.188
			1975	W.V.	BIT	130.59	12500	11500	1.50	0.60	21.20	10.00	119.881
			1976	KY	BIT	111.13	12300	11535	2.00	0.68	15.30	9.00	92.168
			1976	VA	BIT	40.53	12000	12000	1.60	0.90	14.00	10.00	88.560
			1976	W.V.	BIT	199.23	12933	11134	1.25	0.61	21.80	8.00	105.726
			1977	KY	BIT	69.89	13500	11500	1.90	0.60	16.00	6.00	125.389

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
MARSHALL	TERRELL	2000.00	1977	VA	BIT	92.45	13000	11500	2.00	0.70	15.00	8.00	131.677
			1977	W.V.	BIT	400.24	13000	11367	2.00	0.60	19.60	8.00	121.977
			1978	KY	BIT	86.89	12500	12000	2.00	0.70	15.00	8.50	143.079
			1978	OHIO	BIT	1.34	11500	11500	0.68	0.68	13.00	13.00	165.200
			1978	TENN	BIT	7.53	12000	12000	2.00	2.00	15.00	12.00	145.388
			1978	VA	BIT	64.19	13000	12000	1.50	0.70	16.00	10.00	146.792
			1978	W.V.	BIT	200.52	13803	10936	2.00	0.60	20.20	3.60	132.209
			1972	KY	BIT	1117.70	13300	10855	3.70	0.60	17.30	5.80	48.113
			1972	TENN	BIT	0.16	12750	12750	0.80	0.80	10.00	10.00	42.800
			1972	VA	BIT	1567.11	13000	11669	1.30	0.60	15.80	7.00	42.269
			1972	W.V.	BIT	33.56	13000	11500	1.50	0.50	15.10	7.00	44.578
			1973	KY	BIT	1980.29	13000	10701	3.40	0.40	18.20	8.00	47.974
			1973	TENN	BIT	141.41	12500	10200	2.50	0.60	17.00	8.00	46.974
			1973	VA	BIT	2767.14	12568	11000	2.50	0.60	16.00	10.00	46.617
			1974	KY	BIT	2103.08	13400	10736	3.10	0.60	20.20	3.00	91.199
			1974	TENN	BIT	511.53	13000	10318	2.10	0.70	37.50	8.00	132.901
			1974	VA	BIT	2539.90	12800	8146	3.50	0.70	36.00	8.00	104.883
			1975	KY	BIT	1770.53	13600	10776	2.30	0.60	18.80	3.00	139.217
			1975	TENN	BIT	123.22	12500	10667	3.00	0.70	21.40	10.00	118.403
			1975	VA	BIT	2692.97	12800	9811	2.00	0.70	27.50	8.00	111.840
			1975	W.V.	BIT	23.05	11517	11000	0.80	0.80	16.30	16.00	74.649
			1976	KY	BIT	1533.30	11801	10926	1.36	1.07	18.20	13.50	162.041
			1976	TENN	BIT	0.09	12500	12500	1.50	1.50	14.00	14.00	157.900
			1976	VA	BIT	2113.89	12583	11834	1.50	0.84	17.20	10.30	111.407
			1977	KY	BIT	1128.04	13000	10969	3.00	0.70	17.80	4.00	154.174
			1977	TENN	BIT	304.60	13500	11500	2.00	0.90	16.00	6.00	134.341
			1977	VA	BIT	1920.11	13000	11500	2.50	0.70	17.50	6.00	121.589
			1977	W.V.	BIT	4.10	12000	12000	1.50	1.50	12.00	12.00	134.300
			1978	KY	BIT	1823.30	13000	11000	9.00	0.67	17.00	5.00	159.963
			1978	TENN	BIT	314.22	13500	11500	2.00	0.75	16.00	6.00	134.408
			1978	VA	BIT	1727.15	13000	11168	2.00	0.60	17.00	7.00	138.009
RIVERBEND	MT. HOLLY	466.00	1978	W.V.	BIT	5.23	12500	12000	1.70	1.00	15.00	12.00	161.376
			1972	KY	BIT	662.83	13125	10806	3.20	0.60	17.80	6.70	45.649
			1972	VA	BIT	24.98	13000	11931	1.60	0.60	14.80	7.00	44.869
			1973	KY	BIT	964.42	13300	10701	3.10	0.60	18.90	5.00	50.104
			1973	TENN	BIT	6.84	12400	12000	1.40	1.00	12.00	12.00	47.802
			1973	VA	BIT	94.44	12501	11500	1.50	0.60	14.40	11.90	46.008
			1974	KY	BIT	874.11	13700	9725	3.10	0.60	23.00	6.00	130.453
			1974	TENN	BIT	6.15	12400	12000	1.80	1.00	14.00	14.00	120.800
			1974	VA	BIT	264.36	12658	9584	2.50	0.70	26.30	10.00	101.445
			1975	KY	BIT	343.46	13000	10983	2.30	0.60	17.20	7.00	112.037
			1975	TENN	BIT	4.42	12000	10761	1.70	1.30	18.10	10.00	88.991
			1975	VA	BIT	105.40	12578	11594	1.50	0.70	17.00	9.90	111.215
			1976	IND	BIT	0.07	12000	12000	1.25	1.25	10.00	10.00	88.300
			1976	KY	BIT	278.42	12500	11355	2.00	0.75	15.60	8.00	142.761
			1976	VA	BIT	42.29	12932	11725	1.80	0.89	17.00	9.00	110.022
			1977	KY	BIT	1091.12	13200	10969	2.70	0.50	17.80	5.00	146.112
			1977	TENN	BIT	52.01	12000	11500	2.00	1.00	15.00	10.00	130.076
			1977	VA	BIT	15.17	13500	11500	1.50	0.70	15.80	6.50	124.231
			1977	W.V.	BIT	2.73	12000	12000	1.50	1.00	12.00	11.00	141.797
			1978	KY	BIT	607.97	12500	11500	2.50	0.50	17.00	7.00	157.680
			1978	N.C.	BIT	1.56	11500	11500	2.00	2.00	16.00	13.00	118.135
			1978	TENN	BIT	24.97	12000	11500	2.00	1.30	15.00	10.00	135.924
			1978	VA	BIT	1.34	12000	12000	1.25	1.25	12.00	12.00	136.400

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE	UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
NORTH DAKOTA											
	BASIN ELECTRIC POWER COOP LELAND OLDS	STANTON	656.00	1972	N.D.	LIG	556.00	6759 6659	0.75 0.75	11.81 11.10	15.138
				1973	N.D.	LIG	1256.00	6800 6379	0.75 0.75	14.67 10.70	15.392
				1974	N.D.	LIG	1533.00	6796 6406	0.75 0.53	15.76 11.43	16.958
				1975	N.D.	LIG	1863.80	10467 6179	0.59 0.50	17.42 11.37	25.383
				1976	N.D.	LIG	3697.80	6704 6462	0.54 0.54	15.40 13.23	29.470
				1977	N.D.	LIG	3371.00	6720 6482	0.54 0.42	15.60 12.16	41.305
				1978	N.D.	LIG	3539.00	6791 6600	0.54 0.54	14.87 12.66	37.050
	WM J NEAL	VELVA	35.00	1973	N.D.	LIG	28.50	6663 6663	0.40 0.40	5.10 5.10	23.700
				1974	N.D.	LIG	347.20	6777 6631	0.75 0.20	9.70 5.00	24.812
				1975	N.D.	LIG	233.80	6834 6367	0.50 0.17	6.80 5.50	36.879
				1976	N.D.	LIG	290.30	6856 6324	0.43 0.15	9.00 6.40	45.136
				1977	N.D.	LIG	297.70	6726 6452	0.37 0.37	8.20 5.40	56.298
				1978	N.D.	LIG	272.10	6742 6218	0.98 0.13	10.20 5.80	63.069
				1978	WYO	SUB	3.10	8100 7754	0.46 0.30	11.10 8.00	151.992
	CENTRAL POWER ELEC COOP NEAL	VELVA	35.00	1972	N.D.	LIG	228.08	6709 6446	0.40 0.30	6.30 5.30	22.151
				1973	N.D.	LIG	222.42	6690 6580	0.50 0.20	6.40 5.00	22.552
	MINNKOTA POWER COOP YOUNG	CENTER	673.18	1972	N.D.	LIG	816.69	6468 6262	0.70 0.70	7.00 7.00	11.596
				1973	N.D.	LIG	1497.24	6760 6295	0.70 0.70	7.00 7.00	11.566
				1974	N.D.	LIG	1677.36	6739 6397	0.70 0.70	7.00 7.00	12.563
				1975	N.D.	LIG	1517.12	6850 6287	0.70 0.70	7.50 7.00	15.629
				1976	N.D.	LIG	1580.83	6702 6054	0.70 0.70	7.50 7.50	18.474
				1977	N.D.	LIG	1530.45	6662 6154	0.70 0.70	7.50 7.50	24.100
				1978	N.D.	LIG	3392.54	6854 6460	0.70 0.70	7.50 7.50	35.729
	MONTANA-DAKOTA UTILITIES HESKETT	MANDAN	100.00	1972	N.D.	LIG	292.73	7150 6820	1.00 0.50	8.70 6.40	24.106
				1973	N.D.	LIG	542.33	7100 6875	0.80 0.50	7.20 5.90	24.731
				1974	N.D.	LIG	575.93	7100 6830	0.90 0.40	7.90 5.60	27.649
				1975	N.D.	LIG	426.89	7350 6760	1.00 0.50	7.30 5.50	35.533
				1976	N.D.	LIG	527.20	7185 6770	0.89 0.63	8.80 6.30	41.643
				1977	N.D.	LIG	577.20	7370 6785	0.98 0.56	10.00 6.10	43.880
				1978	N.D.	LIG	472.00	7220 6750	0.94 0.58	8.30 6.40	47.037
	UNITED POWER ASSOCIATION STANTON	STANTON	172.00	1972	N.D.	LIG	477.10	6990 6807	0.90 0.40	8.10 6.90	15.922
				1973	N.D.	LIG	903.80	7130 6530	0.80 0.60	8.00 6.50	17.250
				1974	N.D.	LIG	920.20	7066 6473	0.70 0.60	8.40 6.90	18.423
				1975	MONT	BIT	166.40	3710 8563	0.80 0.80	8.90 8.90	86.852
				1975	N.D.	LIG	569.10	7190 6450	0.83 0.70	11.30 7.20	23.550
				1976	N.D.	LIG	788.80	7030 6556	0.81 0.60	10.50 7.40	32.982
				1977	N.D.	LIG	731.50	6934 6737	0.70 0.56	10.20 8.23	43.746
				1978	N.D.	LIG	795.00	7130 6786	0.73 0.55	9.70 8.35	50.375
	ELK RIVER	ELK RIVER	45.50	1973	--	PC	5.80	14400 14400	4.40 4.40	0.50 0.50	34.376
OHIO											

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
CARDINAL OPERATING CO (AEP) CARDINAL	BRILLIANT	1880.46	1972	OHIO	BIT	1114.30	12162 9896	5.30 1.60	26.10 7.80	30.973
			1972	PENN	BIT	36.10	12883 10087	3.20 1.60	25.30 9.10	35.225
			1972	W.V.	BIT	396.80	12484 10782	4.10 2.20	17.90 9.90	35.105
			1973	OHIO	BIT	1643.19	12986 9717	4.60 2.10	25.40 7.50	34.471
			1973	PENN	BIT	86.70	13379 10584	3.20 1.40	25.60 6.40	38.112
			1973	W.V.	BIT	642.40	12573 11677	3.90 3.00	15.70 9.80	38.783
			1974	KY	BIT	5.80	12142 11328	2.00 0.70	14.10 9.00	181.887
			1974	OHIO	BIT	1155.39	12346 8671	4.70 1.10	32.00 11.00	68.910
			1974	PENN	BIT	12.00	11862 11001	2.90 2.10	17.90 15.50	85.725
			1974	UTAH	BIT	82.00	12399 11637	1.40 0.40	11.40 9.00	141.804
			1974	VA	BIT	18.80	12205 11528	0.80 0.60	17.60 9.00	107.733
			1974	W.V.	BIT	730.20	12578 9135	4.10 1.50	26.00 8.00	82.703
			1975	KY	BIT	43.50	11579 11512	1.60 1.60	9.80 8.80	135.565
			1975	OHIO	BIT	1280.79	12194 9857	4.30 2.00	24.80 11.70	81.689
			1975	PENN	BIT	6.50	11190 10734	1.22 1.01	19.20 17.10	82.757
			1975	UTAH	BIT	23.00	12039 12039	0.60 0.60	11.40 11.40	155.054
			1975	W.V.	BIT	756.30	12235 10085	3.40 2.20	23.20 8.00	79.225
			1976	KY	BIT	344.00	11936 11358	1.59 0.74	12.00 8.80	104.717
			1976	OHIO	BIT	1291.19	12509 9031	4.65 1.89	24.60 10.10	89.005
			1976	W.V.	BIT	874.50	12304 9741	3.89 2.24	25.40 10.50	91.247
			1977	KY	BIT	1119.80	12000 10556	1.41 0.52	16.40 10.00	107.902
			1977	OHIO	BIT	1340.79	12235 9399	5.07 0.61	22.80 7.30	92.267
			1977	PENN	BIT	8.80	11863 11221	4.12 1.77	19.70 15.70	84.030
			1977	VA	BIT	36.00	11800 11310	2.50 1.41	15.90 12.00	126.394
			1977	W.V.	BIT	699.80	12500 9233	3.38 0.60	27.80 9.50	96.250
			1978	KY	BIT	713.20	11500 9891	1.52 0.74	19.00 12.60	129.716
			1978	OHIO	BIT	1760.09	13165 9277	5.16 0.71	22.30 7.00	105.493
			1978	PENN	BIT	79.10	12799 10478	3.30 0.78	20.70 8.60	104.419
			1978	UTAH	BIT	4.30	10996 10996	0.54 0.54	11.80 11.80	152.100
			1978	VA	BIT	26.30	12585 9199	2.92 0.74	27.00 9.10	136.074
			1978	W.V.	BIT	938.60	12389 10871	3.81 0.69	20.20 10.80	120.115
			1978	WYO	BIT	14.30	7886 7886	0.58 0.58	6.10 6.10	150.200
			1978	WYO	SUB	53.90	8158 8072	0.55 0.49	6.40 5.10	143.512
CLEVELAND, CITY OF 41 ST (GT) LAKE ROAD	CLEVELAND CLEVELAND	32.40 160.00	1975	OHIO	BIT	9.26	11395 9818	3.20 2.60	19.70 15.40	129.251
			1972	OHIO	SUB	40.56	13584 11234	4.37 0.66	18.50 4.59	45.514
			1972	PENN	SUB	48.52	13194 9737	4.55 0.78	13.40 3.12	50.228
			1972	W.V.	SUB	2.80	12567 12567	2.01 2.01	10.20 10.20	48.000
			1973	OHIO	BIT	16.00	11957 11412	2.65 1.94	14.70 14.40	80.712
			1973	OHIO	SUB	17.54	13477 11700	2.05 1.10	16.89 9.34	49.405
			1973	PENN	BIT	49.70	13354 11559	2.92 0.67	15.70 9.90	50.700
			1973	PENN	SUB	122.76	13481 10691	2.32 0.55	15.20 7.10	48.581
			1974	OHIO	BIT	133.72	12399 9678	3.40 1.00	22.80 8.30	92.716
			1974	PENN	BIT	3.50	11986 11792	2.92 1.86	15.60 13.20	56.550
			1975	OHIO	BIT	119.54	12292 8593	5.83 2.09	29.08 9.20	118.105
			1976	OHIO	BIT	110.71	13327 10549	4.98 0.58	23.01 5.45	99.956
			1977	OHIO	BIT	17.60	11790 10857	5.07 2.18	17.20 14.74	97.812
CLEVELAND ELECTRIC ILLUM CO ASHTABULA	ASHTABULA	640.00	1972	OHIO	BIT	247.80	11688 10816	3.40 1.80	16.90 12.30	44.857
			1972	PENN	BIT	98.30	12469 10070	5.00 1.10	26.20 9.80	39.882
			1973	OHIO	BIT	700.60	12739 10411	4.30 1.60	21.40 8.40	47.566

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
AVON LAKE	AVON LAKE	1275.00	1973	PENN	BIT	535.80	12840 9868	7.10 0.60	27.60 9.20	43.410
			1973	W.V.	BIT	1.40	12665 12200	3.40 2.20	11.10 10.60	50.366
			1974	KY	BIT	169.80	11654 9861	2.20 0.80	20.20 12.40	188.500
			1974	OHIO	BIT	800.19	12576 8980	4.20 1.60	28.10 8.30	79.767
			1974	PENN	BIT	386.30	13000 9757	5.40 0.60	19.90 9.80	95.743
			1974	W.V.	BIT	0.10	11660 11660	2.80 2.80	16.90 16.90	154.400
			1975	KY	BIT	0.60	11224 10907	1.00 0.79	14.10 11.20	132.165
			1975	OHIO	BIT	909.59	11818 10485	3.70 2.20	19.20 12.40	97.510
			1975	PENN	BIT	233.70	12580 10203	5.20 2.10	20.50 9.80	101.554
			1975	W.V.	BIT	2.40	12171 10440	3.00 2.60	20.30 11.70	142.143
			1976	KY	BIT	0.10	11490 11490	1.13 1.13	10.60 10.60	125.600
			1976	OHIO	BIT	674.60	12550 9650	3.60 1.81	18.80 10.60	97.280
			1976	PENN	BIT	464.20	12423 10950	5.34 3.81	19.40 11.10	92.934
			1977	KY	BIT	51.80	11196 10977	1.28 0.52	13.60 12.40	150.039
			1977	OHIO	BIT	515.80	11558 10356	3.44 1.96	19.60 13.20	103.397
			1977	PENN	BIT	661.50	12276 11151	5.27 3.55	18.20 11.60	100.952
			1978	KY	BIT	25.10	12610 10706	1.09 0.49	14.80 7.90	170.498
			1978	OHIO	BIT	299.60	11959 10360	4.22 0.49	20.10 11.40	115.817
			1978	PENN	BIT	682.40	12500 11095	5.40 1.35	17.30 8.30	108.449
			1978	W.V.	BIT	0.40	11680 11680	2.53 2.53	12.40 12.40	175.000
			1972	OHIO	BIT	1243.90	12494 10412	4.50 2.00	20.70 8.20	39.115
			1973	KY	BIT	20.80	11500 10730	2.40 1.90	14.50 12.30	77.038
			1973	OHIO	BIT	2346.29	12742 9887	4.90 0.40	20.60 0.00	45.324
			1974	KY	BIT	371.80	12570 9180	3.90 0.50	23.80 11.10	184.247
			1974	OHIO	BIT	2223.99	12633 7080	4.30 0.80	29.40 6.20	67.227
			1974	W.V.	BIT	46.30	11660 11281	2.80 2.70	17.20 16.90	158.602
			1975	KY	BIT	28.80	11350 10355	1.70 0.60	22.50 15.10	189.427
			1975	OHIO	BIT	2406.09	12948 8861	5.70 1.10	28.20 5.00	95.925
			1975	W.V.	BIT	95.70	12503 9844	4.00 0.80	19.40 10.00	125.809
			1976	OHIO	BIT	2371.00	12515 10414	4.77 1.99	18.70 7.50	98.871
			1977	KY	BIT	69.20	11508 11414	1.62 1.03	12.70 12.50	141.400
			1977	OHIO	BIT	2645.30	12146 10228	4.70 1.92	16.30 9.50	109.143
			1978	KY	BIT	362.60	13269 10582	7.00 0.40	15.50 5.50	165.355
			1978	OHIO	BIT	1539.10	12320 10050	4.53 1.71	41.00 10.30	123.326
			1978	PENN	BIT	9.13	12190 11990	2.93 2.40	12.10 9.60	134.402
			1978	VA	BIT	1.30	11800 11800	1.50 1.50	11.00 11.00	154.000
			1978	W.V.	BIT	1.70	11800 11800	1.50 1.50	11.00 11.00	162.500
EASTLAKE	EASTLAKE	1257.00	1972	KY	BIT	45.10	12436 11664	1.20 0.60	13.50 8.20	63.137
			1972	OHIO	BIT	1163.99	12435 9959	4.60 2.10	21.30 9.30	40.931
			1972	W.V.	BIT	215.30	13067 12183	3.60 1.60	13.00 8.00	46.375
			1973	KY	BIT	152.40	12540 10280	2.80 0.40	17.80 8.60	67.065
			1973	OHIO	BIT	2363.39	12739 10550	4.40 0.40	18.00 8.30	45.269
			1973	PENN	BIT	67.90	12780 11260	7.10 2.60	14.50 9.10	42.372
			1973	W.V.	BIT	537.60	13130 11495	3.90 1.20	15.30 7.80	48.435
			1974	KY	BIT	521.00	12600 9180	4.20 0.40	27.10 8.30	175.125
			1974	OHIO	BIT	1960.09	12521 8980	4.50 1.50	28.10 9.20	74.546
			1974	PENN	BIT	359.80	12430 9880	4.00 0.70	23.40 11.10	145.133
			1974	W.V.	BIT	276.60	13338 10223	3.50 0.70	23.30 8.00	132.038
			1975	KY	BIT	48.10	11430 10380	2.20 0.60	18.80 12.40	164.064
			1975	OHIO	BIT	2485.89	12622 10097	4.50 2.30	19.30 8.80	100.814
			1975	PENN	BIT	255.60	12705 10980	3.10 1.70	19.60 10.20	131.627
			1975	W.V.	BIT	157.40	12655 10710	3.30 2.30	19.40 12.10	119.276
			1976	KY	BIT	13.50	12120 11540	1.13 0.71	11.50 10.00	123.494
			1976	OHIO	BIT	3339.89	12550 10571	5.53 1.98	17.10 10.30	105.610

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
LAKE SHORE	CLEVELAND	518.00	1976	PENN	BIT	5.80	11065 11065	1.05 1.05	13.30 13.30	117.600
			1976	W.V.	BIT	44.70	12204 12009	3.01 2.74	12.60 12.60	110.630
			1977	KY	BIT	28.80	11870 11126	2.35 0.74	13.00 11.60	120.789
			1977	OHIO	BIT	2595.59	12288 10174	4.32 1.57	22.10 9.60	120.103
			1977	PENN	BIT	60.20	12887 11327	4.25 1.25	14.90 10.00	107.709
			1977	W.V.	BIT	344.50	12554 11985	2.95 2.56	13.60 12.00	118.597
			1978	KY	BIT	56.90	12500 10270	0.85 0.40	18.40 8.10	166.551
			1978	OHIO	BIT	1909.76	12537 9530	4.68 1.10	22.10 9.80	129.951
			1978	PENN	BIT	149.50	12580 10884	3.88 1.33	16.70 8.30	113.264
			1978	W.V.	BIT	70.40	12625 11846	3.44 0.39	15.30 12.00	155.429
			1972	KY	BIT	2.70	10440 10440	3.60 3.60	18.80 18.80	43.600
			1972	OHIO	BIT	400.10	12435 9824	4.20 1.00	23.40 8.20	42.862
			1972	PENN	BIT	48.40	11778 10828	4.70 2.40	18.40 12.90	43.632
			1972	W.V.	BIT	104.10	13154 11437	4.40 1.50	13.00 8.00	48.020
			1973	KY	BIT	21.60	12446 10280	1.90 0.80	17.60 8.30	83.083
			1973	OHIO	BIT	434.00	12893 9735	4.90 1.80	23.60 6.80	46.354
			1973	PENN	BIT	157.10	12715 9980	4.80 0.50	16.30 9.50	45.464
			1973	W.V.	BIT	399.30	13060 11898	3.90 0.90	14.90 7.80	50.803
			1974	KY	BIT	427.70	12590 9480	3.60 0.40	24.50 8.90	173.082
			1974	OHIO	BIT	477.70	13200 8980	4.10 1.80	28.10 8.00	97.479
			1974	PENN	BIT	82.20	12500 8520	6.00 0.40	35.30 7.80	108.661
			1974	W.V.	BIT	446.60	12774 10640	3.80 1.90	18.80 8.90	122.070
			1975	KY	BIT	270.20	12720 10893	1.00 0.64	14.80 4.10	133.725
			1975	OHIO	BIT	90.80	13200 10619	4.10 2.20	18.00 8.00	101.188
			1975	PENN	BIT	91.90	12099 10617	3.60 0.71	18.00 12.30	124.936
			1975	W.V.	BIT	563.70	12362 11890	3.60 2.50	15.10 11.20	122.039
			1976	KY	BIT	288.30	12274 11202	1.50 0.61	12.30 9.90	123.230
			1976	OHIO	BIT	668.80	12452 10748	4.95 2.34	19.40 10.90	102.888
			1976	PENN	BIT	172.30	12430 10259	3.83 0.65	17.10 9.90	95.872
			1976	W.V.	BIT	57.60	12281 12207	3.24 3.06	11.20 10.80	109.159
			1977	KY	BIT	305.10	12843 10892	1.30 0.47	13.90 6.40	138.854
			1977	OHIO	BIT	573.30	11874 10350	4.26 1.97	21.30 10.70	105.686
			1977	PENN	BIT	175.70	12276 11429	4.90 0.58	16.90 10.00	94.798
			1977	W.V.	BIT	0.30	12230 11985	2.92 2.89	13.60 12.90	117.789
			1978	KY	BIT	405.30	13060 10582	1.32 0.38	15.50 5.70	160.475
			1978	OHIO	BIT	4.67	11830 10693	3.83 3.09	19.80 10.70	107.822
			1978	PENN	BIT	1.68	11960 11960	0.78 0.78	13.90 13.90	109.062
			1978	W.V.	BIT	4.90	12638 12625	0.97 0.53	12.20 11.10	157.304
COLUMBUS & SOUTHERN OHIO ELEC CONESVILLE	CONESVILLE	1718.95	1972	OHIO	BIT	1085.00	11493 10002	6.00 2.10	20.95 12.00	35.232
			1973	OHIO	BIT	2170.99	11974 9177	6.90 2.50	24.80 12.00	42.478
			1974	OHIO	BIT	2678.49	12694 8041	6.20 2.20	25.70 4.40	63.783
			1975	OHIO	BIT	2726.42	11851 9412	5.40 1.40	23.00 6.80	89.123
			1976	OHIO	BIT	2652.28	11982 9862	6.63 2.35	20.20 7.10	89.591
			1977	OHIO	BIT	3651.78	12479 9883	6.45 1.76	23.40 8.80	88.902
			1978	KY	BIT	41.10	13660 11412	1.36 0.16	16.50 4.60	145.027
			1978	OHIO	BIT	3707.76	11748 9432	6.34 2.56	24.30 7.20	106.980
			1978	VA	BIT	28.80	11412 11111	0.84 0.14	22.00 15.40	116.618
			1978	W.V.	BIT	8.80	11111 11111	1.38 1.38	22.00 22.00	170.300
PICWAY	COLUMBUS	170.75	1972	OHIO	BIT	105.00	11484 10279	6.70 2.80	16.40 11.80	36.094
			1973	OHIO	BIT	308.00	11681 9576	5.60 3.10	18.40 11.60	38.689
			1974	OHIO	BIT	347.75	11305 7593	7.70 2.20	29.20 9.50	60.507
			1974	PENN	ANT	2.00	11643 11643	0.90 0.90	10.60 10.60	47.200

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
POSTON	ATHENS	232.00	1975	OHIO	BIT	261.90	12286 9299	4.90 2.60	18.00 8.50	83.915
			1976	OHIO	BIT	214.90	12234 9768	5.40 2.75	18.90 9.40	80.462
			1977	OHIO	BIT	204.94	12266 9803	7.15 1.89	22.70 8.80	82.959
			1978	KY	BIT	37.50	13150 10405	2.74 0.09	16.10 6.40	176.499
			1978	OHIO	BIT	148.00	12182 8719	5.77 1.89	20.70 7.60	100.571
			1978	VA	BIT	13.60	11188 11111	1.38 0.14	22.00 15.40	165.054
			1972	OHIO	BIT	266.00	11962 10381	4.70 1.33	13.90 9.10	30.557
			1973	OHIO	BIT	652.00	11669 7837	5.20 2.00	20.70 9.40	35.608
			1974	OHIO	BIT	611.73	12047 7146	8.40 1.20	33.30 9.40	58.101
			1975	OHIO	BIT	601.50	11929 9480	5.90 2.30	20.20 9.50	82.168
			1976	OHIO	BIT	447.20	11777 9264	6.56 2.57	22.00 8.50	78.020
			1977	OHIO	BIT	443.30	11838 10068	4.90 1.28	19.30 7.30	81.004
			1978	OHIO	BIT	317.00	12078 9955	5.17 1.51	18.20 8.50	95.388
COLUMBUS DIV OF ELECTRICITY COLUMBUS	COLUMBUS	32.00	1972	KY	BIT	14.62	13144 12265	0.78 0.71	10.29 8.59	33.478
			1973	KY	BIT	20.62	13110 10484	1.84 0.71	26.00 9.38	56.793
			1974	KY	BIT	3.54	12632 10987	0.85 0.43	14.30 9.14	104.525
			1974	OHIO	BIT	10.01	11602 8800	3.30 2.19	16.80 11.50	72.528
			1975	KY	BIT	11.09	12440 8813	1.30 0.78	33.82 11.00	87.186
			1975	OHIO	BIT	19.86	11500 8675	6.92 3.50	31.24 10.00	76.156
			1976	KY	BIT	18.81	12440 12288	0.80 0.73	11.00 10.70	92.924
			1976	OHIO	BIT	21.21	11500 10058	3.50 3.50	10.00 10.00	72.565
			1977	KY	BIT	3.88	12288 12288	0.73 0.73	10.70 10.70	95.605
			1977	OHIO	BIT	13.65	12070 10058	3.50 2.32	10.10 10.00	76.746
HAMILTON, CITY OF HAMILTON	HAMILTON	127.99	1972	KY	BIT	44.80	12500 12500	1.50 0.75	9.00 9.00	49.633
			1973	KY	BIT	107.65	12500 12300	0.90 0.75	10.00 5.00	51.962
			1974	KY	BIT	51.98	12100 12100	0.90 0.90	13.00 13.00	162.698
			1974	OHIO	BIT	0.71	12300 12300	1.00 1.00	10.00 10.00	97.350
			1974	W.V.	BIT	36.43	12300 12100	0.90 0.77	13.00 10.00	126.712
			1975	COLO	BIT	1.90	11300 11300	0.60 0.60	10.00 10.00	170.000
			1975	KY	BIT	86.33	14340 10350	2.30 0.51	23.30 1.90	104.699
			1975	OHIO	BIT	0.88	11900 9690	0.70 0.60	7.00 6.90	108.334
			1975	W.V.	BIT	7.21	13170 11360	1.10 0.74	15.60 8.70	108.514
			1976	KY	BIT	126.30	13160 11220	1.20 0.51	16.90 7.10	98.936
			1976	W.V.	BIT	22.10	12880 11850	0.96 0.75	11.10 7.50	95.002
			1977	KY	BIT	195.50	13480 11042	1.36 0.66	18.00 5.40	119.432
			1977	W.V.	BIT	3.00	12200 12200	0.55 0.55	10.00 10.00	115.500
			1978	KY	BIT	179.40	13164 10230	1.90 0.62	19.30 5.40	145.202
			1978	W.V.	BIT	22.60	12283 11550	1.02 0.82	13.40 10.40	142.116
OHIO EDISON EDGEWATER	LORAIN	192.37	1972	OHIO	BIT	84.38	13026 10401	5.00 1.20	17.60 6.20	47.498
			1972	PENN	BIT	39.80	13198 11720	3.80 1.30	14.00 7.50	48.769
			1972	W.V.	BIT	13.90	13176 12905	3.20 2.60	7.60 7.30	48.961
			1973	OHIO	BIT	243.73	12575 9328	5.20 0.30	24.50 7.10	51.152
			1973	PENN	BIT	80.90	13723 11226	4.00 1.80	15.70 4.20	50.283
			1973	W.V.	BIT	37.60	13153 12472	3.10 2.50	9.20 7.10	55.289
			1974	KY	BIT	58.68	12037 10324	2.50 0.70	26.60 5.00	180.954
			1974	OHIO	BIT	303.79	13338 8063	4.50 1.00	33.30 3.20	98.420
			1974	PENN	BIT	29.65	13101 8815	3.90 1.00	18.60 4.30	103.715
			1974	W.V.	BIT	24.30	13002 12239	3.60 2.40	10.60 7.30	93.935

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
GORGE STEAM	AKRON	87.50	1975	KY	BIT	0.40	10564	10564	8.00	8.00	21.30	21.30	222.400
			1975	OHIO	BIT	338.27	13265	9550	6.20	1.30	25.60	3.60	114.677
			1975	PENN	BIT	27.70	13380	10501	6.10	1.40	24.60	6.20	131.644
			1975	W.V.	BIT	50.50	13463	10948	4.80	2.00	19.70	5.80	119.934
			1976	OHIO	BIT	356.69	12838	9903	6.10	1.60	20.90	5.50	99.540
			1976	PENN	BIT	19.42	12849	10344	3.70	1.80	14.70	5.80	107.360
			1976	W.V.	BIT	91.08	13152	11813	3.30	2.20	13.00	5.60	113.939
			1977	OHIO	BIT	326.40	12687	9253	7.10	0.70	22.40	5.50	97.565
			1977	PENN	BIT	43.40	12845	11528	3.70	1.70	14.30	9.00	112.127
			1977	W.V.	BIT	47.62	12941	10183	3.70	1.90	17.10	7.30	110.019
			1978	ALA	BIT	1.10	12200	11207	0.70	0.70	7.20	7.00	84.123
			1978	OHIO	BIT	216.96	12675	8095	6.20	0.80	25.90	5.40	111.181
			1978	PENN	BIT	57.30	12874	12129	2.70	1.70	13.40	8.80	125.327
			1978	W.V.	BIT	102.13	12869	11102	8.60	2.40	16.20	7.90	134.552
			1972	OHIO	BIT	114.37	12028	9333	6.10	1.60	26.70	9.40	33.890
			1973	OHIO	BIT	262.97	12373	9320	5.10	0.40	21.70	10.00	38.610
			1974	OHIO	BIT	290.91	12199	8437	5.20	1.10	33.00	6.40	88.048
			1975	OHIO	BIT	234.21	12254	9488	5.00	1.20	23.50	7.80	94.784
			1976	OHIO	BIT	279.63	12093	9705	6.20	1.70	24.00	8.00	81.343
			1977	OHIO	BIT	274.51	12212	9926	6.00	2.00	22.60	7.60	80.086
			1978	OHIO	BIT	279.36	12741	9968	5.80	1.60	20.60	6.10	91.263
MAD RIVER	SPRINGFIELD	75.00	1978	PENN	BIT	2.80	10823	10806	8.30	3.40	15.30	15.00	109.796
			1972	KY	BIT	47.40	12991	10459	2.50	1.00	16.30	7.70	51.017
			1972	OHIO	BIT	3.70	11953	11203	3.40	2.30	13.80	10.70	38.175
			1972	VA	BIT	0.60	11445	11445	1.50	1.50	11.20	11.20	51.300
			1973	KY	BIT	127.47	13289	10309	3.60	0.80	21.80	7.30	57.108
			1973	OHIO	BIT	9.97	12701	10898	3.80	1.90	14.50	4.70	39.916
			1974	KY	BIT	153.99	12987	8428	3.20	0.80	23.40	8.50	168.448
			1974	OHIO	BIT	11.83	12050	9808	3.60	1.50	18.80	7.70	101.415
			1975	KY	BIT	112.73	13038	9147	3.70	0.90	18.80	3.40	125.636
			1975	OHIO	BIT	10.45	11718	8931	4.50	2.00	22.00	10.00	116.585
			1975	W.V.	BIT	2.44	11318	10083	1.80	1.10	24.30	15.00	149.415
			1976	KY	BIT	131.80	13192	9798	1.90	0.40	20.50	4.70	108.025
			1976	OHIO	BIT	8.90	12212	11011	3.20	1.00	13.40	6.90	88.388
			1977	KY	BIT	126.40	12444	9320	3.00	0.30	19.70	6.70	120.721
			1977	OHIO	BIT	37.30	12254	10673	2.90	1.50	14.40	7.20	100.241
			1977	W.V.	BIT	0.40	12241	12241	2.00	2.00	13.20	13.20	116.100
			1978	KY	BIT	124.76	12947	9382	2.10	0.50	21.70	5.90	143.710
			1978	OHIO	BIT	21.70	12286	10776	4.50	1.80	16.90	6.60	100.902
NILES	NILES	250.00	1972	OHIO	BIT	216.89	13117	8594	5.50	1.20	24.20	7.30	34.711
			1972	PENN	BIT	94.60	13078	10432	7.00	1.40	22.00	8.80	32.740
			1973	OHIO	BIT	531.29	13030	7489	5.20	0.50	29.80	6.30	36.483
			1973	PENN	BIT	139.90	12912	8239	5.20	1.00	29.20	7.40	35.179
			1974	KY	BIT	55.90	11013	8534	3.60	1.20	22.10	14.60	182.309
			1974	OHIO	BIT	450.80	12356	7984	4.40	1.00	29.60	7.90	96.996
			1974	PENN	BIT	224.70	12786	8459	5.70	1.50	28.80	8.30	80.321
			1975	OHIO	BIT	345.19	12424	9200	4.70	1.20	28.40	7.00	100.446
			1975	PENN	BIT	212.70	12675	9615	4.60	1.50	25.10	7.20	88.788
			1975	W.V.	BIT	16.50	12824	12306	3.10	2.10	11.70	8.30	117.460
			1976	OHIO	BIT	394.75	12812	9684	4.90	1.80	19.90	5.70	84.805
			1976	PENN	BIT	137.92	12916	9968	4.80	1.70	20.60	8.30	76.108
			1976	W.V.	BIT	50.80	13077	12314	3.50	2.50	12.00	8.80	110.228
			1977	OHIO	BIT	186.50	12673	9839	4.70	2.00	16.10	6.50	86.215
			1977	PENN	BIT	293.30	12795	10009	5.00	2.10	26.20	8.90	76.291

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978											
STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU	
BURGER	SHADYSIDE	544.00	1977	W.V.	BIT	33.60	13043 12084	3.80 2.60	13.20 10.00	111.647	
			1978	OHIO	BIT	289.50	12826 9199	7.20 1.50	19.40 6.60	105.524	
			1978	PENN	BIT	236.74	13180 10289	6.50 1.30	19.30 7.20	80.852	
			1978	W.V.	BIT	69.50	12652 10946	3.20 2.00	17.70 10.80	126.119	
			1972	KY	BIT	20.70	11908 10799	3.60 0.90	15.40 9.30	46.437	
			1972	OHIO	BIT	594.40	11852 10755	3.90 2.30	15.30 12.60	35.915	
			1972	W.V.	BIT	93.80	12243 10838	4.10 1.50	18.60 11.60	32.592	
			1973	KY	BIT	118.10	11536 9814	3.40 1.20	19.50 8.40	54.663	
			1973	OHIO	BIT	1032.10	12060 10828	4.00 2.50	19.50 11.00	42.508	
			1973	W.V.	BIT	85.10	12632 11100	4.50 2.00	18.50 10.20	38.812	
			1974	KY	BIT	375.70	11692 9038	4.40 0.80	26.80 12.40	164.401	
			1974	OHIO	BIT	1071.28	11271 9359	6.50 2.00	25.60 13.80	86.600	
			1974	W.V.	BIT	189.10	12711 11215	4.10 2.70	16.40 8.10	52.125	
			1975	KY	BIT	295.80	11902 10588	2.90 1.00	17.00 7.10	138.445	
			1975	OHIO	BIT	761.30	11552 10416	3.90 2.10	22.20 10.10	87.791	
			1975	PENN	BIT	49.10	11633 10627	2.60 2.20	22.00 14.50	107.886	
			1975	W.V.	BIT	226.90	13029 11408	4.30 3.10	16.20 7.90	95.812	
			1976	KY	BIT	174.90	11828 10491	2.30 1.00	16.00 11.30	159.790	
			1976	OHIO	BIT	1029.90	11357 10291	4.50 1.40	18.90 11.00	89.851	
			1976	W.V.	BIT	248.30	11914 11234	4.00 2.70	17.30 13.60	114.940	
			1977	KY	BIT	62.70	11674 9544	2.50 1.30	21.70 11.00	131.999	
			1977	OHIO	BIT	1212.20	12708 10583	4.70 2.40	18.30 8.20	102.658	
			1977	W.V.	BIT	288.70	13153 10852	3.80 2.50	20.90 7.20	89.752	
			1978	KY	BIT	10.00	12091 11642	2.40 1.00	15.20 11.40	133.806	
			1978	OHIO	BIT	809.60	13010 8684	4.30 0.85	32.70 8.80	133.372	
TORONIO	TORONTO	175.75	1978	W.V.	BIT	250.30	13059 11491	4.20 2.40	15.20 8.20	130.316	
			1972	OHIO	BIT	136.21	12356 10547	4.60 1.90	19.60 11.30	27.283	
			1972	W.V.	BIT	67.40	12349 12063	2.60 2.40	10.80 9.90	36.906	
			1973	KY	BIT	1.50	10407 10407	3.00 3.00	17.40 17.40	56.800	
			1973	OHIO	BIT	236.35	12727 8174	5.80 1.30	31.80 8.30	28.959	
			1973	W.V.	BIT	187.40	12419 12134	3.30 2.80	11.80 10.60	40.538	
			1974	KY	BIT	9.50	10564 9510	2.50 1.00	20.70 14.20	212.377	
			1974	OHIO	BIT	266.70	12439 9558	3.50 1.70	24.90 10.00	58.225	
			1974	W.V.	BIT	223.40	12406 11643	3.40 2.50	13.50 10.60	54.227	
			1975	OHIO	BIT	173.93	12655 8402	4.50 1.00	31.00 9.80	67.842	
			1975	W.V.	BIT	131.60	12399 11540	3.00 2.50	13.30 10.90	84.211	
			1976	OHIO	BIT	302.56	12659 10315	4.40 1.90	20.20 9.40	59.564	
			1976	W.V.	BIT	218.30	12270 11579	3.50 2.60	13.30 10.40	79.961	
			1977	OHIO	BIT	434.30	12445 9484	5.90 1.80	27.50 8.40	62.840	
			1977	PENN	BIT	5.40	12233 11845	2.60 1.70	14.00 13.20	94.319	
			1977	W.V.	BIT	158.30	12324 11784	3.80 2.60	13.70 11.20	90.951	
			1978	OHIO	BIT	281.60	12860 9622	4.00 2.10	25.90 7.70	80.330	
			1978	PENN	BIT	17.00	12394 10800	2.70 1.90	19.30 13.60	131.884	
			1978	W.V.	BIT	86.70	12281 11571	4.10 2.30	14.70 10.80	134.410	
SAMMIS	STRATTON	2303.50	1972	KY	BIT	117.30	12504 11579	1.60 0.70	13.30 10.00	48.093	
			1972	OHIO	BIT	1459.54	12665 9178	3.40 0.70	22.30 9.30	31.609	
			1972	PENN	BIT	222.40	12593 11492	3.10 1.60	15.90 11.50	38.364	
			1972	W.V.	BIT	462.80	12331 11282	3.20 2.00	15.30 10.30	36.116	
			1973	KY	BIT	397.30	11563 10174	2.20 1.10	20.50 9.80	57.217	
			1973	OHIO	BIT	3012.48	12482 9623	4.50 1.30	28.60 9.20	35.153	
			1973	PENN	BIT	890.99	12708 10637	3.10 1.10	18.80 11.70	42.407	
			1973	W.V.	BIT	876.83	12668 10620	4.10 2.00	18.20 10.30	34.726	
			1974	KY	BIT	1225.09	11859 8860	3.50 0.50	23.80 7.70	186.031	
			1974	OHIO	BIT	2448.43	12685 7993	5.40 1.40	34.70 10.20	62.870	

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/HBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
NORWALK	NORWALK	31.33	1974	PENN	BIT	1100.39	11718	9861	2.80	1.30	21.30	8.90	112.572
			1974	W.V.	BIT	290.40	12407	11311	4.60	2.60	15.60	10.70	47.496
			1975	KY	BIT	204.50	11986	9710	3.10	1.20	19.50	12.20	165.424
			1975	OHIO	BIT	3330.82	12300	8253	5.60	1.40	36.90	9.80	81.320
			1975	PENN	BIT	849.69	12055	9225	3.00	1.40	19.80	12.40	109.335
			1975	W.V.	BIT	556.80	12046	10860	3.90	2.10	16.70	10.70	91.198
			1976	KY	BIT	73.80	11726	11041	2.60	1.50	15.50	12.30	167.983
			1976	MD	BIT	18.64	12299	11619	3.20	2.40	14.90	14.00	93.150
			1976	OHIO	BIT	3594.28	12650	9766	4.40	1.40	24.50	7.60	85.019
			1976	PENN	BIT	145.62	12416	10867	3.60	1.40	17.50	11.00	93.284
			1976	W.V.	BIT	469.14	12488	10188	4.30	2.40	19.60	9.90	93.367
			1977	KY	BIT	126.90	11800	10724	2.70	1.10	17.30	12.50	141.674
			1977	MD	BIT	31.81	12026	10865	2.40	1.10	18.10	12.90	106.825
			1977	OHIO	BIT	3209.53	12763	8079	5.40	1.20	28.50	8.80	92.827
			1977	PENN	BIT	280.15	12366	10875	3.70	1.80	20.00	12.10	98.731
			1977	W.V.	BIT	175.00	12502	10324	4.00	1.90	23.30	9.00	100.937
			1978	KY	BIT	248.70	12231	10634	2.80	0.80	20.20	11.90	149.755
			1978	MD	BIT	82.43	11863	11500	2.70	2.40	16.10	13.10	107.627
			1978	OHIO	BIT	2404.15	13073	8472	6.70	1.20	33.20	7.10	107.066
			1978	PENN	BIT	415.67	12842	10892	3.00	1.70	20.70	8.50	115.763
			1978	W.V.	BIT	290.80	13087	11166	3.80	0.40	16.80	8.00	121.307
			1972	OHIO	BIT	6.80	12656	10791	3.80	1.70	16.00	6.80	46.978
			1973	OHIO	BIT	53.40	12685	9135	5.30	2.00	20.80	6.50	49.121
			1974	OHIO	BIT	37.12	13067	8228	5.50	2.10	23.60	7.30	83.643
			1975	OHIO	BIT	15.39	12879	10109	5.20	2.20	17.10	7.60	108.895
			1976	OHIO	BIT	14.49	13166	10606	5.00	1.70	17.60	6.50	103.767
			1977	OHIO	BIT	15.46	13421	10175	5.00	2.10	19.50	6.70	98.830
			1978	OHIO	BIT	28.30	13394	9735	7.30	1.20	22.40	6.30	110.962
OHIO ELEC CO (AEP) GAVIN	GALLIPOLIS	260.00	1974	KY	BIT	297.09	11649	9448	2.80	1.00	23.90	11.90	186.436
			1974	OHIO	BIT	372.10	11838	8103	4.10	1.00	25.60	9.50	146.426
			1974	TENN	BIT	2.70	11230	9448	2.70	1.00	23.00	13.70	188.335
			1974	UTAH	BIT	19.00	12113	11942	0.70	0.50	10.70	9.20	158.244
			1974	VA	BIT	34.80	11550	10020	2.20	0.80	23.10	13.60	161.245
			1974	W.V.	BIT	312.80	12243	9448	4.10	0.80	24.00	11.90	185.265
			1974	WYO	SUB	231.00	8603	8297	0.60	0.50	7.30	5.40	80.601
			1975	IND	BIT	20.60	10554	10554	3.70	3.70	12.10	12.10	50.200
			1975	KY	BIT	762.69	12636	10079	5.60	0.60	18.80	6.70	99.539
			1975	OHIO	BIT	2498.28	11260	9422	5.00	1.85	23.70	10.80	100.746
			1975	TENN	BIT	0.30	11080	10704	2.20	2.00	16.90	16.70	165.980
			1975	UTAH	BIT	339.40	11897	11174	0.80	0.50	13.60	10.60	175.651
			1975	VA	BIT	491.88	12230	10402	2.20	0.70	20.30	12.20	138.234
			1975	W.V.	BIT	382.39	13160	9893	4.16	0.70	23.10	8.30	115.767
			1975	WYO	SUB	937.70	11605	8233	1.50	0.40	9.70	5.60	92.080
			1976	COLO	BIT	275.30	10486	10196	0.66	0.51	9.70	8.70	158.359
			1976	IND	BIT	7.40	10579	10579	4.64	4.64	12.50	12.50	51.400
			1976	KY	BIT	222.60	12510	10501	4.05	0.64	18.50	10.10	89.730
			1976	OHIO	BIT	3952.19	11050	9010	5.87	2.14	24.40	11.10	88.999
			1976	UTAH	BIT	863.40	11400	10799	0.72	0.49	15.90	12.40	169.530
			1976	VA	BIT	404.49	12195	11054	1.63	0.17	19.20	7.80	121.463
			1976	W.V.	BIT	148.00	12980	10268	3.75	0.60	19.70	8.60	92.832
			1976	WYO	SUB	2010.70	8673	8297	0.65	0.38	7.20	5.40	102.832
			1977	COLO	BIT	15.80	10311	10206	0.57	0.52	9.30	9.20	155.972

TABLE 3.4 CONTD.

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STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1977	KY	BIT	231.80	12355 10119	4.18 0.69	19.30 6.70	72.280
			1977	OHIO	BIT	2992.29	11150 8705	8.66 0.84	24.40 11.40	104.217
			1977	PENN	BIT	13.80	11770 11002	2.74 2.21	18.00 13.90	83.576
			1977	TENN	BIT	0.10	11115 11115	2.39 2.39	16.80 16.80	139.000
			1977	UTAH	BIT	812.70	11171 10304	0.66 0.51	13.80 10.80	174.614
			1977	VA	BIT	0.60	11069 10240	0.94 0.75	24.80 18.40	118.397
			1977	W.V.	BIT	232.60	12520 9105	3.20 0.60	30.30 9.40	91.567
			1977	WYO	BIT	802.50	8209 8026	0.46 0.37	5.90 4.60	134.014
			1977	WYO	SUB	2818.20	8567 8190	0.50 0.43	6.60 5.50	115.818
			1978	ILL	BIT	118.30	10996 9034	5.14 0.54	22.70 11.80	96.315
			1978	KY	BIT	97.60	11047 9633	4.70 1.75	15.70 13.40	93.667
			1978	OHIO	BIT	2888.49	11882 9754	4.75 1.34	22.00 10.80	208.810
			1978	PENN	BIT	258.50	11800 10256	4.22 1.45	21.80 10.70	99.067
			1978	UTAH	BIT	34.50	10996 10706	0.63 0.54	12.60 11.80	164.619
			1978	W.V.	BIT	237.00	12337 9530	3.95 1.61	26.20 11.40	160.457
			1978	WYO	BIT	1513.30	8278 7993	0.99 0.43	8.30 5.60	147.543
			1978	WYO	SUB	2798.80	8437 7973	0.60 0.42	6.50 5.40	133.522
OHIO POWER (AEP) MUSKINGUM	BEVERLY	1529.61	1972	OHIO	BIT	1822.10	10459 10060	5.10 4.90	20.30 18.90	45.481
			1973	OHIO	BIT	3952.50	11767 9794	5.80 1.10	20.60 13.30	48.808
			1974	OHIO	BIT	3297.59	14139 9425	5.60 2.40	33.10 10.10	63.205
			1974	W.V.	BIT	66.10	12814 10106	4.80 2.20	24.40 8.90	186.993
			1975	KY	BIT	6.00	12492 8799	4.30 2.30	24.00 10.20	130.687
			1975	OHIO	BIT	3171.96	12413 7727	7.50 1.20	26.10 7.40	108.003
			1975	OHIO	PC	1.30	14139 14139	4.90 4.90	2.90 2.90	17.700
			1975	PENN	BIT	0.30	10697 10436	3.20 3.20	24.50 23.00	80.156
			1975	W.V.	BIT	279.99	13505 10009	5.30 1.90	23.40 7.20	163.839
			1976	OHIO	BIT	3430.49	14036 9986	5.60 1.83	21.80 3.00	89.966
			1977	--	PC	0.40	14371 14371	4.80 4.80	2.60 2.60	17.400
			1977	OHIO	BIT	4237.27	14371 9465	5.72 1.25	21.80 7.70	90.143
			1978	OHIO	BIT	2945.89	12895 9640	5.70 1.01	21.90 7.70	114.453
FORM 423 PLT # 0300	--	-	1972	OHIO	BIT	229.50	11661 9774	5.20 1.30	23.30 7.10	32.434
			1973	OHIO	BIT	746.60	11451 9312	5.70 1.80	23.90 12.00	40.202
			1974	OHIO	BIT	812.29	12156 7419	7.30 1.20	28.10 9.10	69.987
			1975	OHIO	BIT	116.50	12983 5612	5.70 0.60	27.20 4.10	76.231
TIDD	BRILLIANT	210.00	1972	OHIO	BIT	163.60	12492 11930	3.40 2.00	13.30 9.70	26.444
			1973	OHIO	BIT	337.50	12504 9939	3.60 2.20	20.70 9.90	28.736
			1974	OHIO	BIT	542.70	12330 9140	4.10 1.90	27.40 10.00	41.693
			1974	VA	BIT	1.70	10739 10739	2.30 2.30	20.70 20.70	111.200
			1974	W.V.	BIT	27.80	12098 10730	4.20 2.30	19.00 12.70	35.981
			1975	OHIO	BIT	271.40	12211 10009	3.80 1.90	23.10 12.00	61.804
			1975	PENN	BIT	116.70	11212 10633	1.20 1.00	19.20 16.00	74.982
			1975	W.V.	BIT	5.10	11125 10345	3.10 2.00	20.20 15.70	148.380
			1976	OHIO	BIT	269.30	12128 9835	4.14 2.01	24.30 10.60	74.744
			1976	PENN	BIT	6.30	10626 10143	1.06 0.94	19.10 17.80	73.900
FORM 423 PLT # 0500	--	-	1972	KY	BIT	18.40	13130 12925	4.00 0.70	11.90 6.70	55.897
			1973	KY	BIT	75.10	13070 12963	2.30 0.70	9.80 6.70	56.236
			1974	KY	BIT	60.05	13274 9826	3.00 0.60	17.20 6.70	142.679
			1974	OHIO	BIT	12.90	11607 11324	2.60 2.60	13.40 13.40	80.819
OHIO VALLEY ELECTRIC CORP RYGER CREEK	GALLIPOLIS	1086.30	1972	KY	BIT	46.00	12989 11976	2.40 1.20	9.20 5.90	41.458
			1972	OHIO	BIT	287.00	10776 10170	4.30 3.10	18.40 14.50	29.447

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE ¢/MBTU
			1972	PENN	BIT	1.00	12755 12755	3.40 3.40	11.90 11.90	37.600
			1972	VA	BIT	10.00	12055 12055	1.10 1.10	6.30 6.30	41.100
			1972	W.V.	BIT	1044.00	13006 11238	4.90 2.70	20.40 9.20	30.800
			1973	KY	BIT	5.00	12643 12643	2.30 2.30	9.30 9.30	42.600
			1973	OHIO	BIT	618.00	11802 10144	4.70 2.80	18.90 11.70	33.760
			1973	W.V.	BIT	2304.00	12773 11179	5.10 2.60	21.10 11.00	33.497
			1974	IND	BIT	95.00	11117 10591	4.10 3.00	11.70 9.10	37.533
			1974	KY	BIT	245.00	12058 9088	5.60 0.80	23.20 7.60	72.114
			1974	OHIO	BIT	891.00	11622 9670	6.00 2.80	19.90 11.90	83.723
			1974	PENN	BIT	11.00	11597 11597	2.80 2.80	17.90 17.90	101.900
			1974	W.V.	BIT	1577.00	12787 9354	4.90 2.20	27.60 11.70	48.340
			1974	WYO	BIT	17.00	8486 8486	0.60 0.60	5.10 5.10	84.200
			1975	OHIO	BIT	1416.00	11084 10043	6.30 3.40	19.80 11.50	84.648
			1975	W.V.	BIT	1929.00	12527 9777	4.40 2.50	28.30 12.00	52.251
			1976	OHIO	BIT	1396.00	11530 9728	5.82 3.31	21.50 11.40	77.049
			1976	W.V.	BIT	1787.00	12352 11425	4.75 3.15	16.30 13.20	54.709
			1977	OHIO	BIT	1876.00	11518 9682	4.85 2.58	21.20 11.60	76.395
			1977	W.V.	BIT	1643.00	12576 9869	4.45 2.14	21.70 12.60	57.963
			1978	OHIO	BIT	1632.00	11604 10065	4.88 2.62	19.80 11.80	92.860
			1978	PENN	BIT	19.00	12137 11796	3.43 2.95	13.20 10.80	113.247
			1978	W.V.	BIT	1304.00	12314 10143	4.96 2.52	19.90 12.80	79.924
ORRVILLE MUNICIPAL UTILITIES VINE STREET	ORRVILLE	71.28	1972	OHIO	BIT	45.18	11500 11500	3.50 3.50	9.50 9.50	31.100
			1973	OHIO	BIT	96.25	11500 11500	3.50 3.50	9.50 9.50	31.100
			1974	OHIO	BIT	102.62	11500 11500	3.50 3.50	9.50 9.50	31.258
			1975	OHIO	BIT	102.60	11500 11500	3.50 3.50	9.50 9.50	55.223
			1976	OHIO	BIT	105.90	11500 11500	3.50 3.50	9.50 9.50	80.000
			1977	OHIO	BIT	117.30	11500 11500	3.50 3.50	9.50 9.50	80.000
			1978	OHIO	BIT	99.00	11500 11500	3.50 3.50	9.50 9.50	80.000
PAINESVILLE ELECTRIC LT DEPT PAINESVILLE	PAINESVILLE	63.00	1972	OHIO	BIT	38.13	12626 12290	3.55 3.02	8.60 6.00	40.978
			1972	PENN	BIT	2.89	13063 12800	4.67 3.05	11.54 3.36	43.080
			1973	OHIO	BIT	71.98	12550 12350	3.50 3.02	8.90 5.97	42.332
			1973	PENN	BIT	3.38	13000 13000	3.00 3.00	8.95 8.90	44.083
			1973	W.V.	BIT	9.51	13500 13500	2.80 2.80	7.50 7.40	50.857
			1974	OHIO	BIT	95.00	12602 12000	3.90 2.70	9.60 7.40	77.533
			1974	W.V.	BIT	1.00	13500 13500	3.00 3.00	7.80 7.80	62.300
			1975	OHIO	BIT	101.00	12600 12000	3.30 2.60	9.80 7.50	98.487
			1976	OHIO	BIT	85.80	12600 11500	3.20 2.70	10.20 7.00	90.367
			1977	OHIO	BIT	83.00	12600 11900	3.23 2.01	11.02 8.20	89.609
			1978	OHIO	BIT	60.00	12997 11451	3.14 1.92	12.60 7.40	112.980
PIQUA MUNICIPAL POWER SYSTEM PIQUA	PIQUA	42.80	1972	KY	BIT	0.63	13350 11490	1.02 0.90	13.84 7.99	44.039
			1972	OHIO	BIT	55.74	13250 10110	7.25 1.71	24.50 6.43	47.692
			1973	KY	BIT	0.72	12740 11290	3.46 0.74	14.60 8.00	50.207
			1973	OHIO	BIT	134.35	13500 9880	6.50 1.90	23.30 3.80	50.073
			1973	TENN	BIT	0.16	13000 13000	4.00 4.00	13.00 13.00	42.420
			1974	KY	BIT	2.08	12800 12800	1.80 1.80	6.10 6.10	165.500
			1974	OHIO	BIT	139.25	13030 9170	6.10 1.50	25.70 3.10	84.394
			1975	KY	BIT	0.95	11810 11810	0.76 0.76	12.50 12.50	116.430
			1975	OHIO	BIT	128.44	12930 10040	9.20 0.96	22.80 7.60	111.519

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1976	KY	BIT	23.65	13300 11050	6.90 0.70	21.20 8.56	95.249
			1976	OHIO	BIT	34.89	12440 10670	3.90 0.20	19.00 7.60	89.075
			1977	KY	BIT	14.11	13230 11310	6.50 0.83	18.10 9.80	87.490
			1977	OHIO	BIT	35.18	12970 7470	4.51 0.30	40.10 5.90	107.548
			1977	W.V.	BIT	17.41	13030 11500	74.00 0.74	16.90 9.10	109.018
			1978	--	PC	1.00	15400 15090	5.15 0.97	1.10 0.98	92.524
			1978	KY	BIT	18.36	12720 9800	3.15 0.88	23.50 9.19	148.460
			1978	OHIO	BIT	51.37	13960 9240	3.96 0.88	28.40 0.99	118.612
			1978	W.V.	BIT	13.27	13540 11760	2.40 0.90	13.90 6.30	115.575
CINCINNATI GAS & ELECTRIC CO										
MIAMI FORT	NORTH BEHD	1507.95	1972	IND	BIT	73.80	10997 10710	3.90 2.50	11.00 9.40	31.072
			1972	KY	BIT	283.00	12161 10275	4.80 1.70	17.30 9.70	34.953
			1972	OHIO	BIT	40.60	12410 10084	6.20 2.70	22.20 9.80	37.453
			1972	W.V.	BIT	22.30	12489 11088	2.50 1.30	16.20 9.50	40.556
			1973	IND	BIT	101.40	11194 10801	3.30 2.50	10.50 9.40	32.442
			1973	KY	BIT	647.59	11508 10605	4.60 2.20	20.90 9.60	33.806
			1973	OHIO	BIT	8.30	10470 9901	5.60 4.10	24.50 19.60	43.609
			1973	W.V.	BIT	9.60	12056 11187	1.50 1.00	11.60 6.10	53.854
			1974	IND	BIT	125.50	11003 10289	3.90 3.00	16.20 9.20	40.003
			1974	KY	BIT	596.30	11336 10090	4.90 1.70	16.20 9.20	45.805
			1974	OHIO	BIT	27.10	10616 10199	3.40 2.20	19.60 13.30	146.199
			1974	W.V.	BIT	44.90	11728 10131	2.70 1.00	15.40 11.30	126.709
			1975	KY	BIT	1061.39	11718 10263	5.30 1.00	15.50 9.20	55.043
			1975	OHIO	BIT	529.40	10512 9392	5.50 2.10	26.50 18.00	94.651
			1975	PENN	BIT	73.70	11201 10594	4.70 1.80	21.90 15.70	94.259
			1975	W.V.	BIT	19.10	11865 9877	5.10 0.70	16.10 9.90	109.618
			1976	KY	BIT	1241.09	11794 10601	3.90 0.56	17.80 10.00	83.019
			1976	OHIO	BIT	606.60	11041 9645	3.95 2.00	26.00 14.20	94.521
			1976	PENN	BIT	43.50	11201 10658	3.10 1.80	23.70 15.70	94.618
			1976	W.V.	BIT	1.50	11865 11865	0.70 0.70	10.70 10.70	93.200
			1977	IND	BIT	7.50	10961 10649	3.23 3.15	11.70 11.10	81.490
			1977	KY	BIT	1607.59	13396 9682	5.36 0.43	24.10 5.60	90.545
			1977	OHIO	BIT	323.30	11202 9058	4.24 0.69	28.10 12.10	95.491
			1977	PENN	BIT	10.80	10847 10536	2.83 2.22	23.50 21.60	97.082
			1977	W.V.	BIT	51.90	12967 10677	4.49 0.57	21.40 7.70	115.434
			1978	IND	BIT	1.50	11300 11300	2.23 2.23	11.10 11.10	82.300
			1978	KY	BIT	2019.17	13510 8971	4.84 0.44	27.00 6.00	121.871
			1978	OHIO	BIT	323.41	12382 9828	5.39 1.60	26.80 12.20	110.030
			1978	PENN	BIT	11.50	12025 10930	3.03 0.63	21.90 7.30	114.270
			1978	VA	BIT	4.00	11135 11135	0.70 0.70	17.10 17.10	118.000
			1978	W.V.	BIT	391.30	13018 9614	3.68 0.52	22.80 5.70	138.669
BECKJORD	NEW RICHMOND	1221.30	1972	IND	BIT	131.50	11073 10710	3.70 2.80	11.40 9.80	30.895
			1972	KY	BIT	378.70	12161 10383	4.90 1.00	16.00 9.60	32.618
			1972	OHIO	BIT	560.50	12343 6770	5.20 1.10	29.20 10.70	40.343
			1972	W.V.	BIT	168.70	12489 10507	2.30 1.00	17.60 10.50	39.952
			1973	IND	BIT	178.60	11175 10801	3.50 2.20	12.00 8.90	32.591
			1973	KY	BIT	678.89	12162 10367	4.40 0.70	21.00 5.80	33.404
			1973	OHIO	BIT	1109.00	10475 9507	5.50 3.20	27.40 16.30	42.523
			1973	W.V.	BIT	514.10	12417 9287	2.80 0.50	21.20 5.80	51.532
			1974	IND	BIT	115.20	11022 8687	3.80 2.50	16.50 9.70	40.636
			1974	KY	BIT	583.20	11451 10636	4.80 2.30	15.80 9.40	39.564
			1974	OHIO	BIT	1190.20	11319 8647	4.90 1.90	33.10 15.30	88.183
			1974	W.V.	BIT	207.90	13288 9616	4.30 1.10	27.00 4.30	109.808

TABLE 3.4 CONTD.
COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1975	IND	BIT	9.00	10803 10753	2.50 1.80	11.50 10.20	47.669
			1975	KY	BIT	1022.29	11573 10582	4.20 0.80	15.70 10.10	54.239
			1975	OHIO	BIT	944.70	10512 8628	4.50 2.10	27.80 16.90	94.325
			1975	PENN	BIT	233.60	11476 10594	2.70 2.10	23.20 19.40	93.952
			1975	W.V.	BIT	217.00	12335 10259	3.40 0.70	18.30 8.60	118.367
			1976	IND	BIT	9.20	10949 10949	2.80 2.80	12.40 12.40	78.100
			1976	KY	BIT	1593.99	11987 10491	4.20 0.56	18.20 10.60	87.817
			1976	OHIO	BIT	878.60	11041 9600	3.95 2.00	26.00 14.20	93.649
			1976	PENN	BIT	56.80	11220 10383	3.40 1.10	23.60 15.80	93.372
			1976	W.V.	BIT	7.30	11440 11440	0.90 0.90	12.50 12.50	93.000
			1977	IND	BIT	13.70	10961 10652	3.23 3.21	14.60 11.10	81.726
			1977	KY	BIT	790.39	12303 10070	3.83 0.72	24.60 7.49	93.853
			1977	OHIO	BIT	1460.30	10910 9227	4.24 2.32	27.60 14.80	96.838
			1977	PENN	BIT	111.00	10932 9526	3.00 1.35	24.40 19.00	98.248
			1977	W.V.	BIT	63.80	12102 10551	4.49 0.85	22.80 11.60	92.631
			1978	KY	BIT	935.09	12799 9870	4.70 0.21	21.50 6.70	120.926
			1978	OHIO	BIT	1304.00	12399 9317	5.08 1.60	27.30 12.70	109.229
			1978	PENN	BIT	97.00	11340 10511	3.11 1.87	24.00 17.30	114.206
			1978	W.V.	BIT	42.90	12447 9614	3.89 0.64	22.80 9.50	112.261
THE DAYTON POWER & LIGHT CO TAIT	SO. DAYTON	448.60	1972	KY	BIT	170.80	12766 10783	1.00 0.50	16.90 8.00	45.725
			1972	OHIO	BIT	44.90	11447 11241	2.20 1.90	12.50 11.60	39.274
			1972	VA	BIT	9.10	11969 11334	0.90 0.60	14.90 11.30	44.638
			1972	W.V.	BIT	20.10	12910 11555	1.20 0.60	17.40 11.00	45.809
			1973	KY	BIT	639.99	12784 10569	2.70 0.60	20.70 7.30	51.790
			1973	OHIO	BIT	72.50	11756 11210	2.50 1.80	13.10 12.00	41.760
			1973	W.V.	BIT	72.90	12767 11076	1.00 0.60	19.80 8.70	50.348
			1974	KY	BIT	491.50	13000 10112	1.30 0.60	23.10 10.00	131.669
			1974	OHIO	BIT	38.20	11335 11021	2.30 1.60	13.90 11.30	47.467
			1974	PENN	BIT	7.20	12845 12845	1.60 1.60	11.00 11.00	107.050
			1974	W.V.	BIT	46.50	12733 10326	1.10 0.50	21.00 6.40	115.402
			1975	KY	BIT	364.10	13212 10297	1.40 0.52	20.60 4.40	115.659
			1975	OHIO	BIT	75.50	11359 11017	2.40 1.80	14.10 12.40	70.002
			1975	W.V.	BIT	25.90	12179 10442	0.90 0.60	20.40 5.60	120.312
			1976	KY	BIT	374.71	12927 10647	2.23 0.45	19.20 6.90	104.815
			1976	OHIO	BIT	57.30	11362 11180	2.59 2.09	12.60 10.60	82.975
			1976	W.V.	BIT	9.40	12897 12727	1.14 0.80	10.70 10.00	93.472
			1977	KY	BIT	444.08	12993 10436	2.10 0.40	22.20 9.20	120.783
			1977	OHIO	BIT	38.10	11524 10917	2.60 2.10	12.70 11.30	89.959
			1977	W.V.	BIT	35.00	12500 10644	1.17 0.70	22.40 10.00	123.897
			1978	KY	BIT	495.09	13165 10192	2.10 0.49	22.10 5.90	140.711
			1978	OHIO	BIT	12.80	11508 11182	2.50 1.85	14.00 11.30	104.338
			1978	VA	BIT	16.20	12549 11848	0.71 0.55	12.60 10.70	178.261
			1978	W.V.	BIT	38.60	12360 11580	1.00 0.65	17.30 12.60	167.297
HUTCHINGS	MIAMISBURG	414.00	1972	KY	BIT	189.75	13370 11656	1.70 0.60	16.00 5.60	46.931
			1972	W.V.	BIT	14.30	13368 12010	1.10 0.70	16.30 6.00	46.478
			1973	KY	BIT	670.29	13298 10437	1.90 0.30	17.70 5.10	53.182
			1973	VA	BIT	4.50	12322 12322	0.90 0.90	13.30 13.30	65.100
			1973	W.V.	BIT	82.40	12643 11392	1.10 0.60	15.80 7.30	57.133
			1974	ALA	BIT	4.50	12000 11671	0.80 0.80	15.80 10.00	140.883
			1974	KY	BIT	702.39	12911 10280	3.30 0.60	21.70 7.90	136.523
			1974	PENN	BIT	18.90	12521 11749	2.30 1.20	15.20 10.80	134.611
			1974	TENN	BIT	0.50	11947 11947	0.70 0.70	12.50 12.50	141.000

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
STUART	ABERDEEN	2440.80	1974	W.V.	BIT	79.80	12964	11500	2.10	0.50	18.00	8.50	103.301
			1975	KY	BIT	459.80	13082	9970	3.90	0.40	22.50	3.10	121.080
			1975	TENN	BIT	29.40	12920	12485	1.30	0.80	9.70	7.40	109.245
			1975	VA	BIT	32.00	11538	11538	1.20	1.20	14.10	14.10	128.600
			1975	W.V.	BIT	12.40	12439	12236	1.10	0.70	11.40	9.40	131.531
			1976	KY	BIT	475.79	13154	10963	1.90	0.30	18.40	4.40	107.727
			1976	TENN	BIT	12.50	12896	12222	1.15	0.80	9.70	6.90	106.084
			1976	W.V.	BIT	6.20	13295	11437	1.57	0.50	17.50	8.80	111.040
			1977	KY	BIT	720.49	13482	9074	2.20	0.40	28.10	5.00	119.245
			1977	W.V.	BIT	24.50	11700	11700	0.70	0.70	15.00	15.00	138.045
			1978	KY	BIT	465.10	13350	9962	1.68	0.42	25.80	6.00	139.930
			1978	VA	BIT	28.40	11641	11641	0.59	0.59	15.20	15.20	181.600
			1978	W.V.	BIT	57.90	13556	11700	1.00	0.59	17.00	6.50	160.195
			1972	KY	BIT	829.70	12650	10440	2.40	0.60	18.70	8.30	38.446
			1972	OHIO	BIT	487.40	11708	11347	3.70	2.90	16.90	13.60	36.230
			1972	W.V.	BIT	721.00	12446	10513	1.20	0.70	17.60	8.00	35.361
			1973	KY	BIT	1644.99	12296	9544	3.30	0.60	22.50	8.00	44.042
			1973	OHIO	BIT	1282.50	11645	10247	3.50	1.90	21.20	13.60	40.426
			1973	W.V.	BIT	1014.40	12500	10346	2.00	0.70	21.80	10.70	41.157
			1974	KY	BIT	2035.79	12300	8464	2.90	0.70	26.60	12.00	114.306
			1974	OHIO	BIT	1964.90	11502	9653	3.60	1.30	25.10	14.80	66.496
			1974	VA	BIT	6.70	12181	12181	0.90	0.90	13.80	13.80	80.200
			1974	W.V.	BIT	728.20	12028	9045	2.50	0.60	24.20	12.00	81.838
			1975	KY	BIT	1746.69	12500	9350	2.20	0.70	26.90	9.80	112.072
			1975	OHIO	BIT	2381.40	11524	10058	3.90	1.80	22.40	15.40	90.892
			1975	W.V.	BIT	973.49	12078	9948	2.60	0.50	25.40	9.50	88.536
			1976	KY	BIT	2148.99	13093	9769	2.89	0.45	24.10	6.50	102.920
			1976	OHIO	BIT	2051.20	11126	10149	4.29	1.59	24.10	14.90	91.239
			1976	W.V.	BIT	1238.79	13274	10082	2.39	0.43	24.50	7.60	94.089
			1977	KY	BIT	2893.09	12200	9659	2.80	0.50	22.80	9.50	113.562
			1977	OHIO	BIT	2069.93	11500	9462	3.77	1.60	24.00	12.00	98.340
			1977	W.V.	BIT	986.99	12397	10144	3.50	0.60	25.40	10.00	102.402
			1978	KY	BIT	3178.29	12945	9708	2.65	0.45	23.40	7.00	127.942
			1978	OHIO	BIT	515.80	11094	9606	4.69	0.69	25.90	7.20	105.149
			1978	VA	BIT	59.50	11308	11027	0.99	0.97	17.70	13.20	120.286
			1978	W.V.	BIT	592.70	12457	10770	1.21	0.56	19.30	10.50	125.311
THE TOLEDO EDISON CO ACME	TOLEDO	307.50	1972	OHIO	BIT	139.63	12921	10735	3.70	0.90	17.70	6.70	46.131
			1972	W.V.	BIT	26.42	13835	12600	3.20	1.50	11.20	7.60	46.605
			1973	KY	BIT	30.46	13010	10410	2.40	0.80	20.00	8.10	59.735
			1973	OHIO	BIT	344.02	13332	9555	5.80	0.90	22.10	7.20	49.301
			1973	PENN	BIT	0.62	12350	12350	1.20	1.20	8.80	8.80	56.500
			1973	VA	BIT	0.47	12950	12950	2.30	2.30	14.00	14.00	57.500
			1973	W.V.	BIT	70.29	13660	9790	1.60	0.80	26.80	6.60	49.893
			1974	KY	BIT	47.66	12590	10350	2.30	0.70	22.20	7.50	117.055
			1974	OHIO	BIT	302.48	12160	7890	4.10	1.20	29.90	10.10	88.506
			1974	PENN	BIT	80.90	12720	10575	3.90	1.30	22.10	11.20	127.964
			1974	W.V.	BIT	76.52	13630	11450	3.60	0.80	19.70	8.30	141.690
			1975	KY	BIT	24.60	13360	11086	2.60	0.60	15.00	6.90	118.522
			1975	OHIO	BIT	228.07	12710	9490	3.90	1.10	20.70	7.40	111.407
			1975	PENN	BIT	10.90	12655	11300	3.90	1.70	17.90	10.10	107.885
			1975	W.V.	BIT	91.50	13340	10260	3.60	0.90	21.80	8.00	114.344
			1976	KY	BIT	60.98	13477	10350	1.70	0.60	17.50	5.90	94.386

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
BAY SHORE	OREGON	639.48	1976	OHIO	BIT	286.42	12770 10010	6.20 1.50	22.00 5.90	105.545
			1976	PENN	BIT	2.60	11715 10780	1.80 0.50	22.20 12.00	79.314
			1976	VA	BIT	0.05	13060 13060	0.70 0.70	7.90 7.90	77.700
			1976	W.V.	BIT	84.40	13345 11400	4.00 0.40	17.20 8.10	101.109
			1977	KY	BIT	11.70	13120 11460	2.20 0.90	15.50 6.00	119.803
			1977	OHIO	BIT	250.70	14900 10530	4.90 1.70	18.20 6.50	108.365
			1977	PENN	BIT	96.10	13307 11653	4.30 1.40	22.20 7.80	121.390
			1977	W.V.	BIT	176.00	13550 11810	4.10 1.80	16.60 6.90	116.316
			1978	KY	BIT	26.80	13500 11528	2.30 0.90	14.80 6.30	151.471
			1978	OHIO	BIT	133.30	13000 10450	5.60 1.60	17.90 5.70	123.836
			1978	PENN	BIT	99.80	13210 10445	5.80 0.80	23.40 7.80	134.439
			1978	W.V.	BIT	142.50	13500 8310	4.20 1.50	30.50 7.60	128.123
			1972	KY	BIT	326.58	12604 11425	2.20 0.80	93.00 6.40	52.266
			1972	OHIO	BIT	525.78	12334 9760	3.70 0.90	18.40 9.20	41.320
			1973	KY	BIT	685.27	12840 10797	1.70 0.70	20.40 6.40	59.053
			1973	OHIO	BIT	1051.66	12877 9617	4.40 1.30	23.60 2.20	44.115
			1974	KY	BIT	613.63	12780 10335	2.30 0.70	23.40 7.50	85.400
			1974	OHIO	BIT	926.57	12591 8080	3.20 1.00	29.70 9.40	55.774
			1974	PENN	BIT	2.00	11567 11567	3.00 3.00	16.50 16.50	167.000
			1974	VA	BIT	6.23	11587 10705	2.00 1.00	19.10 15.00	149.028
			1975	KY	BIT	601.30	12293 10620	2.00 0.60	20.80 7.70	122.563
			1975	OHIO	BIT	1026.10	14763 10140	5.00 1.60	22.80 7.50	84.522
			1975	PENN	BIT	6.10	11854 10930	2.60 2.20	16.00 11.70	106.151
			1975	VA	BIT	0.80	11460 11460	3.00 3.00	18.60 18.60	138.600
			1975	W.V.	BIT	37.30	12460 10955	4.20 0.70	19.10 9.50	98.147
			1976	KY	BIT	777.10	13229 11300	2.10 0.70	16.50 6.20	137.149
			1976	OHIO	BIT	1066.50	12945 10218	3.90 0.80	21.50 6.20	86.911
			1976	TENN	BIT	0.10	12330 12330	1.10 1.10	14.30 14.30	76.700
			1976	VA	BIT	2.50	13340 12250	0.80 0.60	13.00 7.20	101.146
			1976	W.V.	BIT	10.31	13073 11090	4.00 0.80	17.30 7.10	123.627
			1977	KY	BIT	362.00	12927 10439	2.20 0.70	19.60 6.50	126.794
			1977	OHIO	BIT	1158.99	13130 10868	5.20 1.30	20.40 5.90	109.808
			1977	PENN	BIT	103.10	12560 10984	4.10 1.40	16.60 8.80	132.155
			1977	W.V.	BIT	164.60	13270 11810	3.90 0.70	16.50 7.60	136.321
			1978	KY	BIT	294.20	13380 10680	2.80 0.60	18.50 5.10	140.020
			1978	OHIO	BIT	735.39	14230 10221	6.00 1.30	20.80 6.00	131.266
			1978	PENN	BIT	162.30	13210 11402	4.60 1.40	17.40 8.70	139.064
			1978	VA	BIT	1.50	10170 10170	0.80 0.80	21.50 21.50	184.700
			1978	W.V.	BIT	312.80	13020 9950	4.90 0.70	20.30 7.90	154.037
OKLAHOMA										
OKLAHOMA GAS & ELECTRIC OSAGE MUSKOGEE	PONCA CITY MUSKOGEE	40.00 1340.70	1973	--	PC	5.41	15000 15000	0.10 0.10	1.40 1.40	33.300
			1976	WYO	SUB	598.78	8388 8180	0.52 0.37	5.60 5.10	97.798
			1977	WYO	SUB	1919.57	8509 8289	0.39 0.35	5.70 5.10	107.568
			1978	WYO	SUB	2064.99	8909 8104	0.82 0.30	7.80 4.30	106.475
PENNSYLVANIA										
DUQUESNE LIGHT ELRAMA	ELRAMA	510.28	1972	PENN	BIT	706.30	12661 9083	3.90 0.80	23.30 11.20	34.491

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
PHILLIPS	WIRETON	411.13	1973	PENN	BIT	1468.15	12430 9623	4.00 0.60	29.60 8.80	34.635
			1973	W.V.	BIT	63.85	11929 11511	2.60 1.40	18.40 15.90	35.971
			1974	PENN	BIT	1408.92	12934 8378	4.70 0.90	28.10 9.10	59.785
			1974	W.V.	BIT	140.62	12483 11339	2.60 1.30	19.60 12.30	80.689
			1975	PENN	BIT	1317.31	13018 8628	3.20 1.00	33.30 8.80	87.805
			1975	W.V.	BIT	42.22	12080 11739	2.70 1.80	15.30 13.80	97.738
			1976	PENN	BIT	1272.36	13519 10940	3.65 1.29	20.30 8.90	83.940
			1976	W.V.	BIT	143.52	12745 11058	3.66 1.21	20.85 10.70	81.945
			1977	PENN	BIT	1098.94	13095 10609	2.87 1.39	21.45 11.53	87.324
			1977	W.V.	BIT	261.86	12894 11372	3.54 1.00	17.50 10.01	80.939
			1978	PENN	BIT	1102.33	12825 9766	3.43 1.29	24.48 12.58	94.322
			1978	W.V.	BIT	35.20	13585 11040	3.31 1.23	20.52 7.20	92.830
			1972	PENN	BIT	450.69	13192 10601	3.00 1.20	23.30 7.80	34.277
			1972	W.V.	BIT	106.97	12635 11430	1.50 1.10	17.90 9.70	31.113
			1973	OHIO	BIT	61.02	11897 11746	3.40 3.30	13.30 12.00	43.820
			1973	PENN	BIT	1014.73	13309 10324	4.20 0.80	25.00 5.60	37.571
			1973	W.V.	BIT	140.58	11840 11439	2.50 1.20	18.60 15.90	35.364
			1974	KY	BIT	34.17	10450 10301	1.70 1.00	17.80 16.00	199.131
			1974	OHIO	BIT	55.14	12034 12012	3.30 3.20	12.30 11.90	63.612
			1974	PENN	BIT	998.22	13405 9194	3.30 1.00	29.70 7.80	67.472
			1974	W.V.	BIT	148.60	12497 10979	2.80 1.30	20.10 12.00	73.151
			1975	PENN	BIT	1020.44	12956 9014	3.80 1.00	26.80 8.20	90.249
			1975	W.V.	BIT	111.30	11938 11589	2.20 1.30	17.10 15.20	87.495
			1976	PENN	BIT	808.41	12889 10745	4.04 1.22	19.90 8.70	93.247
			1977	PENN	BIT	706.85	12494 10673	2.57 0.67	21.57 10.16	90.011
			1977	W.V.	BIT	0.78	12395 11379	1.81 1.51	14.58 8.71	49.366
			1978	PENN	BIT	629.38	12445 9500	2.85 1.33	20.47 10.64	104.107
			1978	W.V.	BIT	61.27	12142 11084	3.73 1.45	19.36 14.64	95.586
FORM 423 PLT # 0400	--	-	1972	PENN	BIT	108.07	12431 12320	2.00 1.80	14.20 13.30	33.612
CHESWICK	SPRINGDALE	565.25	1973	PENN	BIT	34.77	12363 12338	2.00 1.60	14.20 13.50	39.453
			1973	W.V.	BIT	26.82	12161 12161	1.90 1.90	15.60 15.60	33.100
			1972	PENN	BIT	720.05	12768 10684	6.60 0.80	24.00 11.20	34.958
			1973	PENN	BIT	1307.30	13243 10200	5.50 0.80	26.70 9.40	37.301
			1974	PENN	BIT	1260.40	12461 9109	5.60 1.00	33.00 13.50	62.887
			1974	W.V.	BIT	95.38	12514 12194	2.80 1.90	14.20 10.80	79.786
			1975	PENN	BIT	1458.76	12895 9197	6.10 0.70	32.40 10.00	89.636
			1975	W.V.	BIT	160.74	13355 11479	2.60 1.90	17.40 8.40	106.131
			1976	PENN	BIT	1211.44	13244 11032	4.68 0.95	20.20 7.90	91.418
			1976	W.V.	BIT	63.06	12157 11436	2.17 1.61	16.70 14.30	82.577
			1977	PENN	BIT	1222.39	13180 9827	2.85 1.25	24.15 8.15	96.025
			1977	W.V.	BIT	48.04	12383 11534	3.71 1.49	17.97 13.05	82.288
			1978	PENN	BIT	1296.02	13110 8976	3.21 1.08	23.85 8.51	105.729
			1978	W.V.	BIT	47.43	13022 11823	2.11 1.49	16.78 9.47	89.995
METROPOLITAN EDISON (GPU) CRAWFORD	MIDDLETOWN	116.70	1972	PENN	BIT	24.70	13533 12781	2.70 0.70	12.00 8.70	54.314
PORTLAND	PORTLAND	426.70	1973	PENN	BIT	107.50	13558 10815	2.70 0.60	17.50 6.90	61.329
			1974	PENN	BIT	142.50	13649 8876	3.80 0.40	26.80 6.00	107.551
			1975	PENN	BIT	89.00	13198 9941	2.50 0.60	25.80 9.20	124.116
			1976	PENN	BIT	113.40	13133 10421	3.96 0.57	14.90 8.30	105.355
			1977	PENN	BIT	31.70	12535 11804	2.55 1.48	13.60 10.60	102.264
			1972	PENN	BIT	357.60	13651 11154	2.50 0.60	15.20 7.70	53.335
			1972	W.V.	BIT	77.00	13432 12100	2.10 0.50	12.50 5.20	52.341
			1973	MD	BIT	23.10	11971 10717	2.60 1.90	19.10 11.70	72.266

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
TITUS	READING	225.00	1973	PENN	BIT	763.99	13539 9160	4.70 0.50	26.70 7.00	55.751
			1973	W.V.	BIT	193.20	13458 10272	2.40 0.40	22.70 5.10	57.184
			1974	MD	BIT	2.50	12357 11696	2.50 0.90	12.30 11.60	92.670
			1974	OHIO	BIT	75.90	11206 9825	3.70 2.10	19.40 14.50	157.179
			1974	PENN	BIT	719.79	13072 9477	4.80 0.80	23.00 8.20	124.812
			1974	W.V.	BIT	41.60	12910 11327	3.70 1.60	18.70 10.20	120.894
			1975	PENN	BIT	698.09	13600 10467	3.90 0.50	19.80 8.40	122.631
			1975	W.V.	BIT	70.80	13175 11543	3.10 1.48	15.20 10.00	114.513
			1976	PENN	BIT	734.79	13284 9741	3.60 0.89	16.90 6.60	109.328
			1976	W.V.	BIT	116.20	13639 11641	3.46 0.98	17.00 7.70	102.217
			1977	MD	BIT	17.20	11785 11227	2.37 1.48	19.00 14.90	107.399
			1977	PENN	BIT	889.49	13121 10649	3.90 1.02	21.60 7.00	113.700
			1977	W.V.	BIT	79.50	13000 10968	3.43 1.79	18.80 10.50	97.373
			1978	MD	BIT	25.40	12894 11347	2.61 1.48	18.40 11.50	121.861
			1978	PENN	BIT	812.89	13203 11262	3.34 1.13	18.30 8.30	130.683
			1978	W.V.	BIT	70.70	13136 11871	3.25 1.94	14.30 9.50	125.241
			1972	PENN	BIT	8.70	13405 13253	1.50 0.70	9.70 8.50	51.397
			1972	W.V.	BIT	282.50	13544 11543	1.10 0.70	11.60 7.10	55.779
			1973	KY	BIT	59.50	13190 11860	1.20 0.50	13.00 6.30	72.628
			1973	PENN	BIT	193.30	13381 10418	2.30 0.70	15.60 7.50	56.041
			1973	W.V.	BIT	349.40	13420 9972	2.40 0.40	23.60 4.60	60.198
			1974	KY	BIT	81.80	12243 11549	1.10 0.50	17.30 7.80	146.250
			1974	MD	BIT	21.50	11741 10028	2.30 1.10	21.90 13.10	180.817
			1974	OHIO	BIT	2.00	10967 10967	0.70 0.70	16.80 16.80	135.000
			1974	PENN	BIT	283.50	13226 9878	2.90 0.60	21.10 8.80	121.415
			1974	W.V.	BIT	238.50	13258 10351	3.30 0.60	21.30 7.30	123.340
			1975	KY	BIT	255.90	13364 11267	1.10 0.60	13.10 7.90	165.037
			1975	MD	BIT	22.50	11834 9067	2.00 0.90	14.90 12.30	187.665
			1975	PENN	BIT	25.60	12080 10730	2.70 0.70	18.80 11.90	150.233
			1975	VA	BIT	36.20	12505 11568	1.00 0.80	14.30 11.00	164.091
			1975	W.V.	BIT	132.70	13569 11533	3.00 0.70	16.50 6.80	165.319
			1976	KY	BIT	81.80	12673 9896	0.98 0.61	20.70 8.30	141.417
			1976	PENN	BIT	296.00	13409 10550	2.86 0.95	20.40 7.80	103.694
			1976	W.V.	BIT	148.00	13269 11166	2.41 0.70	14.50 7.90	131.498
			1977	KY	BIT	14.40	11774 11572	0.77 0.60	11.60 8.90	143.661
			1977	MD	BIT	37.20	12885 11206	1.99 1.36	17.70 12.00	115.012
			1977	PENN	BIT	563.29	13409 10231	3.67 0.52	18.70 7.50	112.407
			1977	W.V.	BIT	66.90	13223 11066	2.10 0.48	17.40 7.60	107.174
			1978	KY	BIT	6.80	13347 13347	1.05 1.05	5.40 5.40	150.000
			1978	MD	BIT	44.90	12913 11875	1.84 0.80	16.50 10.10	134.606
			1978	PENN	BIT	433.00	13474 11210	2.22 0.59	19.20 6.70	140.735
			1978	W.V.	BIT	6.80	13017 12846	2.15 1.07	10.40 8.20	133.498
PENNSYLVANIA ELECTRIC (GPU) FRONT ST	ERIE	118.80	1972	PENN	BIT	159.00	13760 10694	5.00 0.90	23.00 6.50	46.845
			1973	PENN	BIT	341.00	13218 10402	4.20 0.80	18.40 7.90	48.575
			1974	PENN	BIT	430.00	12993 9641	4.20 0.80	25.60 8.40	94.496
			1975	PENN	BIT	380.00	12951 9870	3.20 0.70	26.20 7.70	123.851
			1976	PENN	BIT	317.00	12876 11353	3.12 0.75	16.40 7.70	131.052
			1977	PENN	BIT	403.00	13051 10603	2.93 0.55	18.10 7.60	128.746
			1978	PENN	BIT	238.00	13271 10790	2.21 0.84	16.00 7.00	147.645
HOMER CITY	HOMER CITY	2012.00	1972	PENN	BIT	1220.00	12857 10576	2.70 1.30	23.20 10.50	39.919
			1973	PENN	BIT	2408.00	13051 10600	3.40 0.90	23.30 9.50	43.996
			1974	PENN	BIT	1895.00	13201 11022	3.20 0.80	24.20 8.20	62.069

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/BBTU
KEYSTONE	SHELOCTA	1872.00	1975	PENN	BIT	2254.00	12260 10944	4.50 2.00	25.20 15.50	82.641
			1976	PENN	BIT	2516.00	12234 10988	4.17 1.74	25.00 16.80	99.488
			1977	PENN	BIT	2533.00	13413 11048	4.41 0.75	24.70 8.60	110.637
			1978	PENN	BIT	2709.00	13153 10964	3.57 0.48	24.10 7.00	131.012
			1972	PENN	BIT	1766.00	11887 11557	2.50 1.80	21.50 16.40	34.141
			1973	PENN	BIT	3799.00	13055 10614	3.50 1.80	21.90 11.50	39.947
			1974	PENN	BIT	3589.00	13091 10578	3.10 1.30	22.50 8.40	54.720
			1975	PENN	BIT	3908.00	12666 11488	2.50 1.35	20.70 11.40	70.957
			1976	PENN	BIT	4503.00	12836 11591	2.79 1.32	20.00 11.00	83.772
			1977	PENN	BIT	3317.00	12392 11469	2.17 1.35	20.50 13.40	95.963
FORM 423 PLT # 0800	--	-	1978	PENN	BIT	3227.00	12218 11617	2.22 1.52	20.30 13.90	111.082
			1972	PENN	BIT	20.00	12747 12437	2.20 1.10	15.60 10.90	33.411
			1973	PENN	BIT	110.00	12941 12140	3.40 1.40	17.30 13.10	35.103
SEWARD	SEWARD	280.23	1974	PENN	BIT	113.00	12992 11293	2.90 1.10	20.40 12.30	54.816
			1972	PENN	BIT	290.00	12161 11785	2.80 2.50	19.30 17.90	42.090
			1973	PENN	BIT	629.00	12383 11870	3.30 2.50	19.60 16.40	42.753
			1974	PENN	BIT	649.00	12722 9622	3.90 0.60	21.70 14.30	54.707
			1975	PENN	BIT	654.00	12846 11800	3.40 2.00	18.40 13.70	69.229
			1976	PENN	BIT	563.00	12635 12035	2.99 2.24	16.70 12.90	81.289
SHAWVILLE	SHAWVILLE	625.00	1977	PENN	BIT	378.00	12475 11405	2.53 1.29	18.10 14.10	95.316
			1978	PENN	BIT	511.00	12517 11625	2.72 1.33	18.10 7.10	109.415
			1972	PENN	BIT	850.00	13247 11630	4.80 0.80	18.30 9.80	32.960
			1973	PENN	BIT	1757.00	13142 11420	3.10 0.40	17.30 2.80	34.470
			1974	PENN	BIT	1814.00	12862 10647	4.30 0.80	19.60 9.60	63.713
			1975	PENN	BIT	1666.00	13193 10989	3.60 0.80	17.20 9.40	79.348
			1976	PENN	BIT	1656.00	12788 11355	3.07 0.89	20.60 9.00	78.030
			1977	PENN	BIT	1965.00	13006 10003	3.12 0.94	22.50 9.90	82.045
WARREN	WARREN	84.60	1978	PENN	BIT	1466.00	13178 11232	3.39 0.95	17.10 10.00	90.625
			1972	PENN	BIT	116.00	13176 11705	2.30 1.00	12.10 8.90	42.235
			1973	PENN	BIT	253.00	12755 10842	3.40 1.30	15.90 9.00	44.332
			1974	PENN	BIT	353.00	12824 10664	3.40 1.40	19.30 9.30	84.710
			1975	PENN	BIT	284.00	13454 11973	3.50 1.30	14.20 6.10	91.669
			1976	PENN	BIT	276.00	13115 11774	2.64 1.13	14.20 7.80	84.853
			1977	PENN	BIT	322.00	13359 11070	2.97 0.99	16.70 7.60	87.908
			1978	PENN	BIT	227.00	12873 10986	3.03 1.30	19.60 9.20	100.976
WILLIAMSBURG	WILLIAMSBURG	25.00	1972	PENN	BIT	50.00	12536 11796	2.10 0.80	15.60 12.90	30.033
			1973	PENN	BIT	111.00	13053 11976	3.50 1.30	16.80 11.60	30.306
			1974	PENN	BIT	123.00	12590 11722	2.70 1.10	18.10 12.30	53.050
			1975	PENN	BIT	107.00	12575 11782	2.20 1.10	16.50 12.20	74.579
			1976	PENN	BIT	121.00	12707 11442	2.38 1.10	19.10 13.00	76.746
			1977	PENN	BIT	71.00	12863 11845	3.13 1.76	17.20 13.30	78.063
			1978	PENN	BIT	66.00	12514 11224	2.31 1.26	20.70 14.10	82.082
CONEMAUGH	NEW FLORENCE	1872.00	1972	PENN	BIT	1747.00	12971 11505	2.20 1.00	19.10 9.40	49.013
			1973	PENN	BIT	3656.00	13173 9730	3.70 0.90	25.60 8.80	55.669
			1974	PENN	BIT	3588.00	13206 8768	2.60 0.50	27.90 9.80	76.965
			1975	PENN	BIT	3935.00	12846 10909	3.50 0.80	21.60 11.90	106.051
			1976	PENN	BIT	3260.00	12582 10860	2.52 1.43	20.80 13.40	121.892
			1977	PENN	BIT	3127.00	13208 11730	2.06 0.80	18.80 9.90	131.701
PENNSYLVANIA POWER & LIGHT BRUNNER ISLAND	YORK HAVEN	1558.73	1978	PENN	BIT	2942.00	12985 11618	2.69 0.80	17.50 10.70	137.954
			1972	PENN	BIT	1442.39	13534 11660	2.00 0.90	20.70 8.70	46.776
			1972	W.V.	BIT	0.10	12386 12386	2.10 2.10	14.20 14.20	48.300
			1973	KY	BIT	12.50	12166 11684	1.90 1.20	16.40 13.70	98.700

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
HOLTWOOD	HOLTWOOD	75.00	1973	PENN	BIT	3273.08	14381 10997	4.40 1.00	20.60 6.20	53.678
			1973	W.V.	BIT	88.20	13472 11432	2.50 1.20	18.90 9.50	61.981
			1974	PENN	BIT	3697.68	13706 10097	4.50 0.80	22.80 6.90	89.159
			1974	W.V.	BIT	193.90	13736 10968	3.40 1.00	20.30 9.30	112.053
			1975	PENN	BIT	3483.00	13122 10801	3.90 1.30	21.30 9.10	110.672
			1975	W.V.	BIT	22.00	13745 11120	3.40 1.60	20.10 8.70	111.351
			1976	PENN	BIT	3739.00	13019 10702	3.20 1.20	25.30 8.70	112.983
			1977	PENN	BIT	4000.00	13409 10731	3.10 1.10	21.50 7.70	109.583
			1978	--	PC	10.00	14201 14201	5.00 5.00	1.10 1.10	112.800
			1978	PENN	BIT	3452.00	13113 11085	3.50 0.50	22.00 8.70	126.958
			1972	PENN	ANT	287.50	11835 8024	0.70 0.70	31.60 13.50	28.461
			1972	PENN	BIT	0.10	9963 9963	1.20 1.20	13.70 13.70	59.600
			1973	--	PC	34.10	14265 12987	7.00 5.00	3.40 0.40	32.363
			1973	PENN	ANT	312.30	14755 8724	0.70 0.70	26.00 13.10	34.046
			1973	PENN	PC	3.40	13878 13878	4.30 4.30	0.50 0.50	31.600
			1974	--	PC	61.30	14250 13212	7.50 0.50	2.60 0.40	15.346
			1974	PENN	ANT	105.00	11344 7123	0.90 0.50	36.50 15.90	47.039
			1975	PENN	ANT	323.00	11911 6692	1.30 0.30	37.90 12.70	65.160
			1976	PENN	ANT	397.00	12016 6923	0.90 0.20	40.80 12.70	64.628
			1977	--	PC	41.00	14231 13412	7.50 5.80	0.80 0.40	50.392
MARTINS CREEK	MARTINS CREEK	2013.50	1977	PENN	ANT	280.00	11809 7659	1.00 0.40	32.20 14.30	52.989
			1978	--	PC	77.00	14175 13544	7.40 4.70	0.80 0.30	48.086
			1978	PENN	ANT	212.00	12031 6766	0.90 0.30	44.40 13.10	59.604
			1972	PENN	BIT	75.10	13716 11516	3.10 0.90	14.50 5.50	49.698
			1972	W.V.	BIT	171.30	13535 12207	3.20 1.70	14.10 6.60	47.079
			1973	KY	BIT	44.60	12638 10765	1.80 0.90	16.70 8.20	98.428
			1973	OHIO	BIT	6.50	11052 11052	2.30 2.30	18.00 18.00	88.300
			1973	PENN	BIT	456.70	14054 10535	3.70 0.70	20.10 6.20	55.717
			1973	W.V.	BIT	217.30	13514 9900	3.60 0.60	27.10 6.50	57.571
			1974	KY	BIT	33.50	12429 10266	1.80 0.80	17.10 10.50	105.066
			1974	OHIO	BIT	0.10	10921 10921	0.70 0.70	12.20 12.20	89.400
			1974	PENN	BIT	273.90	13243 8416	3.40 0.70	21.90 10.00	128.905
			1974	W.V.	BIT	508.89	13656 9620	4.30 0.70	30.60 6.70	131.211
			1975	KY	BIT	32.00	12782 12197	2.00 1.40	11.10 8.50	141.287
			1975	PENN	BIT	562.00	13021 11133	3.20 1.00	21.10 7.70	115.363
			1975	W.V.	BIT	114.00	12937 10362	3.90 0.70	27.00 10.00	116.023
			1976	PENN	BIT	586.00	13271 11799	3.40 1.00	16.10 1.10	102.970
			1976	W.V.	BIT	136.00	13183 11747	3.80 1.20	16.70 9.10	102.123
			1977	PENN	BIT	562.00	13033 11104	3.80 1.10	17.80 8.00	109.155
			1977	W.V.	BIT	145.00	13151 11932	2.70 1.10	17.10 8.50	106.509
SUNBURY	SHANOKIN DAM	409.78	1978	--	PC	14.00	13988 13925	4.70 4.50	2.10 1.70	116.449
			1978	PENN	BIT	512.00	13494 11552	3.00 0.90	16.20 6.70	128.034
			1978	W.V.	BIT	48.00	13441 11399	2.70 1.80	20.70 10.10	125.998
			1972	--	PC	63.40	14235 13883	5.30 5.10	0.50 0.40	32.257
			1972	PENN	ANT	192.90	11844 7637	0.70 0.70	34.90 10.00	28.662
			1972	PENN	BIT	279.30	13702 11736	3.80 1.30	12.40 7.60	43.284
			1972	PENN	PC	76.30	13961 13845	5.30 4.70	0.90 0.60	32.469
			1973	--	PC	123.30	14266 13982	6.00 5.30	0.50 0.20	32.796
			1973	PENN	ANT	559.99	11821 7029	0.70 0.70	40.20 10.00	24.338
			1973	PENN	BIT	578.69	13679 9976	4.70 0.70	19.10 7.40	46.367
			1973	PENN	PC	117.50	14214 13679	6.30 4.20	1.10 0.20	32.592
			1974	--	PC	118.00	14356 13734	6.60 2.80	2.90 0.10	31.442
			1974	PENN	ANT	790.69	12572 5983	4.80 0.50	48.70 10.40	34.341
			1974	PENN	BIT	800.09	14022 7422	5.00 0.50	43.80 6.90	88.842

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
MONTICUR	WASHINGTONVILLE	1641.70	1975	--	PC	152.00	14344 13670	6.10 4.50	1.50 0.10	55.516
			1975	PENN	ANT	651.00	11761 7129	1.00 0.30	41.10 14.40	45.531
			1975	PENN	BIT	568.00	13435 10455	3.60 0.60	24.40 9.40	92.697
			1976	--	PC	196.00	14332 13662	6.90 4.30	0.50 0.10	67.212
			1976	PENN	ANT	539.00	12001 6415	1.30 0.30	46.90 13.00	44.721
			1976	PENN	BIT	661.00	13598 11154	3.30 0.80	19.60 8.70	95.513
			1977	--	PC	226.00	14094 13807	7.20 5.20	0.60 0.10	69.529
			1977	PENN	ANT	663.00	11166 6566	1.00 0.40	44.40 15.50	49.425
			1977	PENN	BIT	796.00	13644 10819	3.50 0.70	21.80 8.80	100.255
			1978	--	PC	148.00	14260 13698	6.40 5.20	1.00 0.20	70.049
			1978	PENN	ANT	553.00	12127 6011	1.80 0.40	48.60 12.80	60.198
			1978	PENN	BIT	687.00	13616 10851	3.30 1.00	21.30 8.20	123.082
			1972	PENN	BIT	1139.70	13237 11970	3.70 1.30	17.20 9.70	44.546
			1973	--	PC	3.50	14021 14021	5.30 5.30	0.40 0.40	45.800
			1973	PENN	BIT	2916.30	13147 11783	3.00 0.90	16.50 9.70	48.011
			1974	--	PC	19.60	14097 14097	5.40 5.40	0.20 0.20	39.800
			1974	PENN	BIT	3316.08	14095 9741	4.90 0.60	26.90 6.10	88.339
			1975	PENN	BIT	3831.00	12682 11217	2.80 1.20	21.90 10.90	101.040
			1976	PENN	BIT	3793.00	12622 11229	3.30 1.20	21.20 9.30	115.735
			1977	PENN	BIT	3964.00	13042 11453	3.30 1.20	17.10 9.50	109.566
			1978	--	PC	33.00	13829 13655	6.00 0.20	0.90 0.40	72.180
			1978	PENN	BIT	3335.00	13258 10665	3.40 1.20	21.10 9.50	123.446
PENNSYLVANIA POWER BRUCE MANSFIELD	SHIPPINGPORT	1650.00	1976	MD	BIT	82.28	12016 11700	3.07 2.17	16.20 14.20	92.119
			1976	OHIO	BIT	405.00	12145 10603	4.50 2.11	20.30 12.50	97.927
			1976	PENN	BIT	435.48	12279 10749	3.10 2.13	18.60 13.00	91.700
			1976	W.V.	BIT	114.24	12016 11411	3.35 2.17	16.20 14.20	91.362
			1977	MD	BIT	148.72	11843 11297	2.97 2.07	16.50 15.60	97.692
			1977	OHIO	BIT	1143.00	12226 10860	5.12 2.57	19.80 11.50	109.415
			1977	PENN	BIT	667.31	11843 10627	3.75 1.76	17.90 13.40	97.160
			1977	W.V.	BIT	405.96	12108 10624	3.65 2.07	18.70 11.60	95.561
			1978	MD	BIT	214.72	11953 11597	2.80 2.27	15.90 14.40	106.958
			1978	OHIO	BIT	1279.00	12107 10951	3.99 2.98	19.80 12.80	140.228
			1978	PENN	BIT	698.22	12874 10471	4.28 0.86	20.30 8.10	108.850
			1978	W.V.	BIT	380.96	11953 11121	3.56 2.27	16.00 12.50	108.096
			1972	KY	BIT	1.99	12818 12119	1.40 1.00	9.40 8.70	47.052
			1972	PENN	BIT	469.90	13109 10678	7.40 1.00	18.60 7.70	33.708
			1973	PENN	BIT	956.87	13191 11139	5.10 0.90	17.00 7.60	42.256
			1974	OHIO	BIT	0.22	12464 11616	3.00 2.70	16.40 11.20	99.331
NEW CASTLE	W. PITTSBURG	505.80	1974	PENN	BIT	928.07	12902 10128	7.00 1.40	21.60 9.20	103.649
			1975	OHIO	BIT	3.01	11894 10872	4.00 1.70	16.20 13.50	91.500
			1975	PENN	BIT	759.24	13545 10890	4.50 0.83	14.50 6.40	113.319
			1976	OHIO	BIT	19.47	12828 11013	4.17 0.90	12.60 8.20	82.501
			1976	PENN	BIT	881.85	13539 9662	5.88 0.82	13.90 4.80	91.016
			1977	OHIO	BIT	62.02	12842 11462	4.81 1.67	13.50 7.30	84.263
			1977	PENN	BIT	936.42	13000 11252	6.19 0.90	17.40 5.90	93.137
			1978	OHIO	BIT	91.20	13869 8246	4.25 1.25	31.10 3.70	93.512
			1978	PENN	BIT	918.63	13941 8773	4.36 0.43	27.30 6.20	104.586
PHILADELPHIA ELECTRIC CROMBY	PHOENIXVILLE	417.50	1972	PENN	BIT	4.00	13240 13240	1.30 1.30	8.20 8.20	53.500
			1972	W.V.	BIT	189.00	13442 12603	3.30 1.60	12.90 6.80	48.228
			1973	PENN	BIT	31.00	13347 12647	1.70 1.00	10.80 7.20	54.594

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STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
EDDYSTONE	EDDYSTONE	1489.20	1973	W.V.	BIT	267.00	13716 11878	3.50 0.70	13.30 5.80	53.238
			1974	MD	BIT	29.00	12474 9435	3.00 1.10	26.20 13.80	137.990
			1974	PENN	BIT	220.00	12474 9966	3.20 0.50	25.10 9.90	129.671
			1974	W.V.	BIT	268.00	13089 9966	3.80 0.70	23.40 8.10	117.377
			1975	PENN	BIT	69.00	12968 10808	3.00 1.00	13.60 8.40	133.586
			1975	W.V.	BIT	163.00	13485 11194	4.10 1.80	17.00 8.20	133.515
			1976	PENN	BIT	15.00	13326 12353	2.66 1.95	12.10 8.20	110.580
			1976	W.V.	BIT	355.00	13709 12346	3.35 1.25	13.60 6.80	121.707
			1977	PENN	BIT	12.00	13636 12694	2.60 1.75	9.50 7.40	116.597
			1977	W.V.	BIT	262.00	13553 12267	3.32 1.54	13.90 7.00	116.376
			1978	PENN	BIT	105.00	13225 11882	2.71 1.10	15.80 8.30	137.642
			1978	W.V.	BIT	115.00	13690 12217	3.56 1.39	13.20 7.90	133.639
			1972	PENN	BIT	190.00	13284 12384	2.00 1.00	11.60 7.40	55.473
			1972	W.V.	BIT	421.00	13478 12455	3.50 0.90	12.20 6.60	52.480
			1973	PENN	BIT	508.00	13282 12429	3.10 1.10	12.70 7.70	57.738
			1973	W.V.	BIT	964.00	13590 11637	4.30 0.90	17.10 6.20	54.581
			1974	KY	BIT	15.00	12198 11298	2.10 0.80	17.50 8.40	128.062
			1974	MD	BIT	47.00	11491 10810	2.40 1.90	22.40 18.30	147.406
			1974	PENN	BIT	570.00	13316 9574	3.70 0.50	25.10 7.50	112.084
			1974	W.V.	BIT	842.00	13507 10299	3.80 0.80	23.40 7.10	94.743
			1975	KY	BIT	9.00	12812 12075	2.00 1.00	15.00 5.70	125.677
			1975	MD	BIT	3.00	11619 11619	1.20 1.20	11.20 11.20	127.900
			1975	PENN	BIT	402.00	13118 11718	4.30 1.40	14.20 8.90	134.289
			1975	W.V.	BIT	907.00	13526 11656	4.10 1.30	17.30 6.80	125.576
			1976	KY	BIT	2.00	13088 13088	0.81 0.81	9.20 9.20	120.500
			1976	PENN	BIT	249.00	13170 11606	3.65 1.27	12.70 7.90	127.236
			1976	W.V.	BIT	839.00	13645 11601	3.89 0.80	15.90 6.60	123.143
			1977	PENN	BIT	125.00	13147 11926	3.54 1.67	12.80 8.00	118.346
			1977	W.V.	BIT	797.00	13717 12184	4.23 1.02	13.30 7.10	116.301
			1978	PENN	BIT	175.00	13099 11482	3.08 1.55	17.20 7.90	133.568
			1978	W.V.	BIT	662.00	13555 11972	3.77 1.53	14.60 7.40	130.929
THE UNITED GAS IMP CO HUNLOCK CREEK	KINGSTON	50.00	1972	PENN	ANT	148.43	13020 7554	0.50 0.50	31.30 11.40	29.786
			1973	PENN	ANT	290.29	12840 7380	0.50 0.50	37.10 12.80	36.438
			1974	PENN	ANT	277.71	11504 7079	0.50 0.50	39.60 14.20	49.357
			1975	PENN	ANT	310.23	11190 7385	0.55 0.50	31.90 13.90	54.937
			1976	PENN	ANT	163.52	10787 7636	0.55 0.55	30.10 16.10	77.346
			1977	PENN	ANT	205.50	11372 7617	0.55 0.55	33.20 10.90	80.882
			1978	PENN	ANT	237.16	11104 8115	0.55 0.55	31.90 13.50	83.601
WEST PENN POWER (APS) ARMSTFONG	REESEDALE	326.40	1972	PENN	BIT	416.40	13060 9610	4.30 1.20	20.30 9.90	33.676
			1973	PENN	BIT	867.23	13520 9200	6.10 0.80	32.80 7.60	35.464
			1974	KY	BIT	226.16	12130 10580	1.80 0.90	17.90 12.50	173.908
			1974	PENN	BIT	502.50	13590 9920	4.80 0.60	27.20 6.00	80.269
			1975	KY	BIT	7.87	11930 11310	1.80 1.50	15.70 15.30	132.296
			1975	PENN	BIT	840.71	13420 8920	3.20 0.60	34.80 6.40	88.870
			1976	PENN	BIT	946.81	13254 9540	3.50 1.31	22.00 9.40	76.748
			1977	PENN	BIT	1287.66	13198 8817	4.79 0.68	25.20 8.90	72.552
			1978	PENN	BIT	774.99	13528 9028	3.50 0.94	22.80 7.20	92.435
			1972	PENN	BIT	73.99	13850 10970	3.40 1.20	20.40 7.20	31.122
MILESBURG	MILESBURG	46.00	1973	PENN	BIT	127.10	13530 10020	4.30 0.70	22.70 8.20	34.704
			1974	PENN	BIT	53.35	13000 9970	3.50 0.60	19.30 9.90	65.256

TABLE 3.4 CONTD.

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MITCHELL	COURTNEY	448.70	1972	W. V.	BIT	544.24	12700 12430	2.60 2.40	12.70 11.30	29.023	
			1973	KY	BIT	140.46	12140 11510	0.70 0.50	7.30 6.60	66.643	
			1973	W. V.	BIT	879.83	13330 12330	2.80 1.50	13.40 6.10	34.935	
			1974	KY	BIT	169.07	12470 10070	2.00 0.60	21.10 6.50	133.415	
			1974	OHIO	BIT	53.56	11380 9480	2.80 2.10	27.90 13.20	144.650	
			1974	PENN	BIT	17.70	11500 9970	2.50 1.00	24.80 14.70	106.242	
			1974	W. V.	BIT	404.16	13410 11940	2.70 0.90	12.60 5.70	44.715	
			1975	KY	BIT	6.13	12540 8880	2.40 0.60	23.80 5.30	158.055	
			1975	OHIO	BIT	17.34	10200 10200	1.90 1.90	12.80 12.80	142.150	
			1975	PENN	BIT	5.95	11080 8840	2.90 0.70	31.20 13.30	97.030	
			1975	W. V.	BIT	645.68	13310 12020	3.20 1.90	13.90 6.30	77.408	
			1976	PENN	BIT	9.00	11410 11170	2.10 1.80	19.60 18.70	77.500	
			1976	W. V.	BIT	871.75	13200 12158	3.00 1.70	13.80 6.40	76.441	
			1977	PENN	BIT	2.50	12252 8886	2.68 1.06	35.10 12.80	67.763	
			1977	W. V.	BIT	644.71	12359 12161	2.88 2.44	13.00 12.00	81.283	
			1978	W. V.	BIT	52.50	12459 12164	2.75 2.62	12.30 11.40	98.500	
SPRINGDALE	SPRINGDALE	215.38	1972	W. V.	BIT	283.87	13400 13290	1.70 1.40	6.30 5.80	40.850	
			1973	PENN	BIT	9.98	11610 10010	2.60 1.00	20.00 12.90	29.360	
			1973	W. V.	BIT	412.21	13570 13310	1.70 1.50	6.60 6.10	42.969	
			1974	PENN	BIT	110.12	12600 8460	4.10 0.60	23.70 9.30	162.532	
			1974	W. V.	BIT	310.32	13450 12810	2.50 1.50	9.60 6.20	72.766	
HATFIELD	HASONTOWN	1728.00	1975	W. V.	BIT	5.47	13360 13360	1.60 1.60	6.40 6.40	115.600	
			1972	PENN	BIT	415.92	11930 9760	2.40 0.60	24.80 15.10	26.801	
			1972	W. V.	BIT	1250.50	12750 12410	2.90 2.60	14.10 12.10	27.676	
			1973	KY	BIT	1.82	12340 12340	0.70 0.70	6.60 6.60	65.700	
			1973	PENN	BIT	1116.78	13350 8980	3.90 0.80	32.50 9.40	30.126	
			1973	W. V.	BIT	2596.17	13470 10900	2.90 1.50	23.70 5.90	30.716	
			1974	KY	BIT	10.66	12310 9690	1.50 0.70	22.40 6.90	127.704	
			1974	PENN	BIT	630.70	12400 8330	4.70 0.70	29.70 7.80	62.517	
			1974	W. V.	BIT	1896.22	13630 9630	3.10 0.80	15.00 6.40	44.909	
			1975	KY	BIT	769.47	12470 10220	3.00 0.60	22.90 7.50	145.108	
			1975	PENN	BIT	1752.15	13870 8470	4.10 0.50	31.20 6.00	78.909	
			1975	W. V.	BIT	1841.34	13410 10060	3.10 0.90	19.60 7.10	80.222	
1976	KY	BIT	102.60	12608 12240	0.90 0.60	8.40 6.90	159.777				
1976	OHIO	BIT	13.30	11453 11330	2.00 1.97	16.30 14.60	38.103				
1976	PENN	BIT	1344.70	14183 9408	3.00 0.77	24.10 7.40	77.949				
1976	W. V.	BIT	2509.80	13614 12269	3.10 1.05	14.10 7.00	81.859				
1977	OHIO	BIT	1.60	10213 10213	1.47 1.47	23.10 23.10	35.100				
1977	PENN	BIT	1415.75	13247 8525	3.38 0.86	26.90 1.51	78.593				
1977	W. V.	BIT	2296.04	13522 11506	2.91 1.08	16.80 6.70	87.739				
1978	KY	BIT	0.80	11703 11703	2.10 2.10	15.60 15.60	130.800				
1978	PENN	BIT	1295.01	12974 8695	3.28 0.61	27.00 9.50	92.614				
1978	W. V.	BIT	1887.10	13754 12051	2.80 1.20	14.60 6.40	98.026				
RHODE ISLAND											
THE NARRAGANSETT ELEC CO (NEES)	MANCHESTER ST	PROVIDENCE	132.00	1974	KY	BIT	32.00	11840 11155	1.00 0.90	16.90 11.60	171.258
				1974	PENN	BIT	15.00	12680 12360	0.80 0.70	8.40 8.30	140.785
				1974	PENN	BIT	39.00	12840 12328	1.00 0.70	11.80 6.80	139.290
				1974	VA	BIT	15.00	11840 11840	0.90 0.90	11.60 11.60	197.500

SOUTH CAROLINA

TABLE 3.4 CONTD.

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STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
CAROLINA POWER & LIGHT ROBINSON	HARTSVILLE	206.64	1972	KY	BIT	20.00	13585 12543	1.60 0.60	10.70 5.40	48.359
			1972	VA	BIT	47.10	13499 12023	1.30 0.40	13.30 7.00	48.762
			1972	W.V.	BIT	63.00	12687 11540	0.90 0.70	15.40 10.50	46.982
			1973	KY	BIT	171.60	13000 11102	1.80 0.30	17.00 3.80	54.590
			1973	TENN	BIT	0.40	12114 12114	0.90 0.90	14.90 14.90	50.400
			1973	VA	BIT	53.20	12800 11626	1.60 0.60	16.90 9.00	49.415
			1973	W.V.	BIT	56.60	13057 11939	2.00 0.60	13.80 8.10	52.304
			1974	KY	BIT	199.20	13049 9008	3.00 0.30	25.30 5.80	174.708
			1974	TENN	BIT	14.20	11807 10294	2.30 0.80	23.50 16.60	184.615
			1974	VA	BIT	122.20	12462 10591	1.70 0.40	19.20 9.60	172.428
			1974	W.V.	BIT	34.20	12716 12008	3.20 0.30	14.70 9.20	162.484
			1975	KY	BIT	205.10	13261 10303	2.02 0.70	17.20 6.60	119.566
			1975	TENN	BIT	18.40	12087 9616	1.70 0.40	16.30 12.00	110.139
			1975	VA	BIT	62.20	12660 10262	2.20 0.60	20.20 10.40	104.803
			1975	W.V.	BIT	0.40	12433 12433	1.10 1.10	14.70 14.70	134.300
			1976	KY	BIT	75.60	12669 10813	2.38 0.53	19.60 9.00	96.209
			1976	TENN	BIT	16.80	13000 10627	2.06 0.71	16.80 7.50	90.002
			1976	VA	BIT	131.00	12607 10812	2.36 0.44	20.30 7.70	102.689
			1977	KY	BIT	328.70	12812 10220	3.00 0.28	23.60 5.30	130.318
			1977	TENN	BIT	43.50	12362 8881	2.60 0.68	32.70 8.40	131.106
			1977	VA	BIT	121.10	12774 10551	2.40 0.40	21.70 10.10	112.977
			1978	KY	BIT	126.50	12681 10688	3.26 0.36	18.60 10.70	146.332
			1978	TENN	BIT	11.30	12255 10998	2.60 1.11	17.10 11.50	140.835
			1978	VA	BIT	59.50	12681 10882	2.87 0.39	19.90 10.90	146.740
DUKE POWER LEE	PELZER	345.00	1972	KY	BIT	276.88	13000 10696	3.20 0.60	20.90 7.00	43.623
			1972	TENN	BIT	3.26	12500 12300	1.20 1.00	10.00 8.00	42.544
			1972	VA	BIT	119.54	13000 11000	2.20 0.60	16.80 7.00	45.840
			1972	W.V.	BIT	0.65	12000 12000	0.80 0.80	13.00 13.00	43.000
			1973	KY	BIT	556.50	13400 10487	3.10 0.60	19.60 7.00	49.928
			1973	TENN	BIT	72.51	12200 11499	2.00 0.70	14.40 10.00	48.827
			1973	VA	BIT	197.57	13241 11455	2.70 0.50	18.60 4.40	50.395
			1974	ALA	BIT	42.16	13300 11700	1.50 0.60	16.00 8.00	107.664
			1974	IND	BIT	16.33	12500 12000	1.00 0.70	12.00 10.00	143.794
			1974	KY	BIT	404.07	13300 11000	2.00 0.60	18.00 7.00	145.641
			1974	TENN	BIT	99.06	13400 11800	2.00 0.70	15.00 6.00	155.025
			1974	VA	BIT	130.12	13100 10886	1.90 0.60	20.10 10.00	84.563
			1975	ALA	BIT	9.22	12000 12000	1.50 1.30	12.00 10.00	115.246
			1975	KY	BIT	279.17	12500 11500	2.40 0.70	15.00 9.00	105.245
			1975	TENN	BIT	37.66	12500 11500	1.50 0.80	14.00 10.00	111.300
			1975	VA	BIT	46.97	12578 11310	1.60 0.80	17.00 9.90	113.058
			1976	KY	BIT	166.03	13000 11500	2.00 0.60	18.00 6.00	88.150
			1976	TENN	BIT	54.94	12500 12000	1.80 0.84	16.00 11.00	87.674
			1976	VA	BIT	239.15	12947 11500	1.83 0.84	18.00 9.90	110.002
			1977	ALA	BIT	0.28	12000 12000	1.50 1.50	13.00 13.00	140.000
			1977	GA	BIT	4.53	13000 12500	1.50 1.40	12.00 7.00	134.785
			1977	KY	BIT	647.77	13000 11348	2.70 0.60	15.20 5.00	123.460
			1977	TENN	BIT	42.14	12500 11500	2.00 1.00	14.00 9.00	129.040
			1977	VA	BIT	83.13	13500 11500	1.60 0.70	17.10 6.50	124.118
			1977	W.V.	BIT	0.38	12000 12000	1.20 1.20	10.00 10.00	143.000

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COAL DELIVERED TO UTILITIES, 1972-1978

STATE	UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
	FORM 423 PLT # 3000	--	-	1978	KY	BIT	422.93	13000 11500	2.70 0.50	17.00 6.00	136.161
				1978	TENN	BIT	32.95	12500 11500	2.00 1.30	15.00 8.00	142.636
				1978	VA	BIT	63.23	13000 11436	1.65 0.73	18.60 9.20	136.583
				1972	KY	BIT	4.18	13015 12311	0.70 0.70	12.70 7.90	48.669
				1972	VA	BIT	3.42	13015 13015	0.70 0.70	7.90 7.90	46.600
				1973	KY	BIT	15.12	13300 12311	0.80 0.60	12.70 8.00	51.838
				1973	VA	BIT	0.07	11699 11699	1.50 1.50	14.60 14.60	50.400
	SOUTH CAROLINA ELECTRIC & GAS CANADYS	CANADYS	489.60	1972	KY	BIT	255.70	13440 10230	2.60 0.60	18.90 5.60	45.523
				1972	VA	BIT	58.50	12920 11633	2.00 0.90	14.50 9.90	43.740
				1973	KY	BIT	630.20	13655 10862	2.20 0.60	22.00 5.40	51.354
				1973	TENN	BIT	26.50	12173 11415	1.40 1.00	14.70 11.70	47.166
				1973	VA	BIT	106.10	12835 11342	1.40 0.60	20.50 6.40	47.039
				1973	W. V.	BIT	5.10	12401 12401	1.30 1.30	14.40 14.40	56.400
				1974	KY	BIT	445.00	13416 9827	3.40 0.50	27.30 5.40	121.071
				1974	VA	BIT	75.60	12618 9454	1.30 0.70	25.70 8.20	115.965
				1975	KY	BIT	259.60	12553 10021	2.90 0.70	24.90 8.40	105.421
				1976	KY	BIT	419.64	13432 10693	3.23 0.42	19.60 5.20	99.279
				1976	TENN	BIT	0.90	12120 12079	1.28 1.09	11.70 11.10	82.001
				1976	VA	BIT	66.40	13363 10840	2.48 0.79	16.30 7.00	97.172
				1977	KY	BIT	527.40	13286 9424	3.35 0.32	27.20 5.60	122.903
				1977	TENN	BIT	66.60	12716 10662	3.59 0.87	22.20 10.80	135.145
				1977	VA	BIT	47.40	13575 10472	2.72 0.53	21.30 5.40	127.757
				1977	W. V.	BIT	2.50	10798 10534	1.86 1.58	20.80 20.30	128.500
				1978	KY	BIT	611.23	13080 10235	4.40 0.33	24.10 6.70	135.696
				1978	TENN	BIT	35.40	13035 10656	4.00 0.38	18.40 9.10	137.446
				1978	VA	BIT	92.00	13224 10328	3.62 0.43	19.80 7.40	137.338
				1978	W. V.	BIT	8.30	12689 10788	1.12 0.54	19.20 8.20	143.696
	MCNEERIN	IRMO	293.76	1972	KY	BIT	197.60	13564 11369	2.60 0.60	15.10 4.10	46.006
				1972	VA	BIT	38.60	13118 12333	1.70 1.00	13.40 7.90	43.840
				1973	KY	BIT	542.10	13572 11057	3.20 0.70	17.80 6.90	52.582
				1973	TENN	BIT	32.20	13382 11707	1.90 1.10	14.70 5.60	49.862
				1973	VA	BIT	33.00	13524 11752	1.70 0.90	15.60 8.90	48.118
				1974	KY	BIT	510.90	13275 10515	2.80 0.90	21.20 7.90	126.991
				1974	TENN	BIT	9.00	12720 12285	2.30 2.10	11.10 9.80	169.494
				1974	VA	BIT	25.80	12847 11586	1.10 0.80	18.50 8.70	150.832
				1975	KY	BIT	265.20	13092 8402	2.30 0.90	31.60 5.50	104.664
				1975	TENN	BIT	7.00	13074 12092	1.30 0.90	9.50 5.80	95.800
				1975	VA	BIT	43.90	14302 9298	1.40 0.60	12.90 3.00	117.139
				1976	KY	BIT	400.10	13722 10780	2.61 0.49	14.90 3.20	96.650
				1976	TENN	BIT	9.53	13686 11524	3.13 0.88	17.30 3.30	85.183
				1976	VA	BIT	144.90	13822 10672	2.88 0.67	19.60 6.70	91.075
				1976	W. V.	BIT	0.51	13686 11965	0.91 0.88	8.30 5.90	77.363
				1977	KY	BIT	382.99	13566 9380	3.94 0.42	25.70 5.00	118.841
				1977	TENN	BIT	81.10	13255 10461	2.78 0.52	24.20 4.00	128.081
				1977	VA	BIT	143.00	13894 10491	3.47 0.38	25.50 5.10	125.580
				1977	W. V.	BIT	34.20	12307 10659	2.10 0.46	19.80 8.30	147.219
				1978	KY	BIT	393.41	13491 8727	4.56 0.20	32.10 5.30	133.828
				1978	TENN	BIT	44.00	13324 8410	4.53 0.75	32.70 6.20	134.089
				1978	VA	BIT	176.70	14546 10563	2.97 0.38	25.30 5.90	137.527
				1978	W. V.	BIT	14.50	12137 8868	2.35 0.44	29.70 8.20	143.148
	URGONHART	BEECH ISLAND	250.00	1972	KY	BIT	221.00	13510 11481	3.10 0.50	17.90 6.30	46.219
				1972	VA	BIT	49.80	13176 11185	1.80 0.80	20.00 9.60	44.238

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
WATEREE	WATEREE	771.80	1973	KY	BIT	479.40	13428 9528	3.30 0.50	28.00 5.80	51.241
			1973	TENN	BIT	15.80	12287 11557	1.60 1.00	12.80 9.80	47.199
			1973	VA	BIT	93.40	13047 10736	1.70 0.50	19.80 4.10	48.266
			1974	--	PC	11.00	14371 14019	3.70 2.60	0.70 0.40	80.522
			1974	KY	BIT	531.20	13000 9850	2.90 0.70	23.50 4.30	126.085
			1974	VA	BIT	9.20	12067 11464	1.60 1.10	18.30 15.50	151.998
			1975	KY	BIT	446.20	12849 10403	2.40 0.80	16.60 6.60	113.085
			1976	KY	BIT	521.80	13042 10639	2.92 0.64	19.60 8.00	105.763
			1976	VA	BIT	8.10	12310 11300	1.46 0.90	15.10 8.90	99.239
			1977	KY	BIT	424.60	13125 10443	2.82 0.57	19.90 7.30	120.845
			1977	TENN	BIT	64.10	13564 10373	3.19 0.75	22.00 7.40	126.722
			1977	VA	BIT	137.50	13760 10805	2.80 0.69	19.50 5.40	121.809
			1977	W.V.	BIT	17.70	12019 12019	0.78 0.78	12.40 12.40	152.800
			1978	KY	BIT	349.33	13487 10218	2.79 0.34	24.50 5.30	134.954
			1978	TENN	BIT	23.10	12951 10654	3.74 0.59	20.20 9.10	136.738
			1978	VA	BIT	217.00	13864 11091	2.79 0.43	22.40 5.30	140.608
			1978	W.V.	BIT	56.50	12646 10687	0.98 0.52	15.70 8.70	147.389
			1972	KY	BIT	760.90	13195 11401	3.20 0.50	19.50 10.00	47.328
			1972	VA	BIT	11.60	12588 11613	1.80 1.00	15.50 10.30	44.853
			1973	KY	BIT	1142.10	12953 11003	2.40 0.50	16.30 8.90	52.475
			1973	TENN	BIT	8.30	11590 11551	1.50 1.10	12.10 11.80	50.175
			1973	VA	BIT	3.20	12583 11796	1.00 0.60	13.90 7.80	47.315
			1974	ALA	BIT	4.00	13036 12246	3.00 2.60	10.30 9.40	113.352
			1974	KY	BIT	830.60	12987 10323	3.70 0.70	21.60 8.70	132.738
			1974	TENN	BIT	27.60	12128 9227	5.70 0.70	28.70 8.80	128.792
			1974	VA	BIT	26.70	12373 10525	3.20 1.30	19.10 11.40	155.521
			1975	KY	BIT	1353.99	13053 10859	2.90 0.80	17.40 2.80	114.709
			1975	TENN	BIT	6.70	12414 12285	1.30 1.30	9.80 9.10	98.000
			1975	VA	BIT	3.90	12020 11828	1.20 0.80	9.60 9.20	96.897
			1976	KY	BIT	1363.11	12873 10389	2.81 0.47	17.20 3.00	106.133
			1976	TENN	BIT	5.60	12120 11452	1.41 0.71	15.40 11.10	79.437
			1976	VA	BIT	67.70	13517 10731	2.99 0.69	19.10 6.30	92.749
			1977	KY	BIT	1582.08	13401 9711	4.03 0.47	23.40 3.60	119.424
			1977	TENN	BIT	61.50	13207 9390	2.72 0.68	24.90 7.20	134.047
			1977	VA	BIT	115.10	13872 9887	3.21 0.70	23.50 5.40	133.228
			1977	W.V.	BIT	1.50	11140 10884	0.92 0.61	22.10 15.20	124.123
			1978	KY	BIT	1515.09	13185 9714	4.76 0.43	26.30 7.60	128.502
			1978	TENN	BIT	61.60	12376 10018	4.43 0.49	23.60 10.50	135.338
			1978	VA	BIT	87.50	13326 10215	3.01 0.50	23.20 7.20	134.619
			1978	W.V.	BIT	9.80	12100 11835	1.37 0.88	14.90 13.40	141.863
SOUTH CAROLINA PUB SERV AUTH WINYAH	GEORGETOWN	630.00	1974	KY	BIT	90.11	12797 10460	3.80 0.90	26.60 5.20	125.944
			1975	KY	BIT	630.78	13378 10174	3.20 0.90	22.30 4.70	127.270
			1975	TENN	BIT	0.49	11287 11287	1.10 1.10	16.30 16.30	159.100
			1976	KY	BIT	761.06	12518 11013	3.20 0.80	18.10 8.60	112.880
			1977	KY	BIT	1352.45	13038 10379	2.99 0.38	26.00 7.80	125.609
			1977	VA	BIT	21.95	12332 11403	1.67 0.74	15.50 11.20	143.432
			1978	KY	BIT	1334.66	13214 10441	2.29 0.54	21.50 6.70	144.187
			1978	TENN	BIT	2.01	12563 12040	1.19 1.08	11.90 9.90	158.812
			1972	KY	BIT	168.23	13059 11456	2.20 0.80	13.70 6.60	47.363
			1972	VA	BIT	1.99	13654 13482	0.90 0.80	7.00 7.00	49.406
GRAINGER	CONWAY	163.20	1973	KY	BIT	416.33	12915 9767	2.10 0.60	26.00 8.00	55.718
			1973	TENN	BIT	11.87	11787 11160	2.10 1.10	14.40 11.70	62.882

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
JEFFERIES	MONCK'S CORNER	445.60	1973	VA	BIT	60.60	13195 10946	2.70 0.80	21.60 7.90	50.761
			1974	KY	BIT	313.13	12533 8223	3.40 0.80	35.80 6.40	143.607
			1974	TENN	BIT	24.38	12460 8936	5.90 0.80	29.20 7.30	167.213
			1974	VA	BIT	4.41	11837 10494	2.90 0.90	15.00 11.90	175.764
			1974	W.V.	BIT	1.07	10964 10964	0.90 0.90	15.30 15.30	179.200
			1975	KY	BIT	123.68	12980 9845	2.84 0.90	22.80 8.20	124.988
			1975	TENN	BIT	2.48	12427 12427	1.90 1.90	11.50 11.50	96.400
			1975	VA	BIT	92.05	12641 11887	1.70 1.10	13.20 8.30	121.279
			1976	KY	BIT	114.64	12884 11422	3.30 0.90	13.80 8.90	105.812
			1976	TENN	BIT	15.26	12582 10951	3.10 1.00	19.80 8.00	92.142
			1976	VA	BIT	158.82	12852 10510	3.30 0.70	20.20 8.30	104.035
			1976	W. V.	BIT	3.16	10936 10936	0.80 0.80	11.30 11.30	78.900
			1977	KY	BIT	394.23	12959 8701	4.89 0.66	23.90 6.40	131.347
			1977	TENN	BIT	9.20	10787 10316	3.98 3.22	23.80 20.80	132.153
			1978	KY	BIT	242.57	12625 9752	3.28 0.56	22.70 5.90	143.494
			1978	TENN	BIT	7.79	12563 10816	2.88 0.87	19.80 8.40	154.669
			1972	KY	BIT	360.72	12744 11152	1.90 0.50	17.50 7.90	48.455
			1973	KY	BIT	834.84	12864 11113	1.40 0.60	16.80 4.80	52.236
			1973	TENN	BIT	1.49	10280 10280	2.60 2.60	22.30 22.30	45.900
			1973	VA	BIT	37.18	12219 11526	1.10 0.60	16.70 12.30	49.749
			1974	KY	BIT	816.42	12683 11258	1.30 0.80	18.20 9.50	110.782
			1975	KY	BIT	584.21	13294 10827	2.50 0.70	17.50 5.40	105.626
			1976	KY	BIT	744.50	12453 11191	1.50 0.90	15.00 9.80	102.319
			1976	VA	BIT	5.48	13059 11916	2.30 1.60	12.40 8.20	104.353
			1977	KY	BIT	557.30	12313 10558	2.65 0.59	19.90 9.60	127.706
			1978	KY	BIT	650.64	12658 10580	2.75 0.66	21.00 9.20	154.905
			1978	TENN	BIT	13.40	11479 10684	3.17 1.97	20.00 16.70	151.120
SOUTH DAKOTA										

BLACK HILLS POWER & LIGHT										
BEN FRENCH	RAPID CITY	25.00	1977	WYO	SUB	58.58	8279 7715	0.43 0.43	6.80 4.40	51.871
KIRK	LEAD	33.75	1978	WYO	SUB	78.96	8191 7837	0.43 0.43	6.30 4.00	60.119
			1972	WYO	SUB	42.13	8056 7924	0.37 0.37	5.20 5.20	31.783
			1973	WYO	SUB	139.27	8354 7364	0.37 0.37	8.20 5.10	33.302
			1974	WYO	SUB	165.94	8095 7648	0.37 0.37	8.50 5.08	38.459
			1975	WYO	SUB	182.02	8210 7625	0.43 0.40	6.70 5.56	42.291
			1976	WYO	SUB	182.33	8309 8010	0.43 0.43	8.00 5.10	47.031
			1977	WYO	SUB	152.60	8279 7715	0.43 0.43	6.80 4.40	53.275
			1978	WYO	SUB	149.93	8191 7837	0.43 0.43	6.30 4.00	60.954
NORTHERN STATES POWER										
LAWRENCE	SIOUX FALLS		1972	KAN	BIT	4.00	13080 13080	3.30 3.30	9.00 9.00	56.600
			1972	WYO	SUB	21.00	9428 9222	1.40 0.80	8.30 6.70	59.600
			1973	WYO	SUB	27.00	9307 9112	1.00 0.80	8.00 5.90	59.600
			1974	WYO	SUB	47.00	9497 9162	0.70 0.60	6.00 4.10	73.757
			1975	MONT	SUB	24.00	8593 8562	0.90 0.80	9.00 8.70	102.286
			1975	OKLA	BIT	7.00	12811 12773	3.30 3.30	12.70 12.50	115.128
			1976	OKLA	BIT	27.00	11500 10505	5.80 4.00	22.40 15.00	124.602
			1976	WYO	SUB	10.00	9308 9308	0.60 0.60	5.20 5.20	99.800
			1977	MONT	SUB	12.00	8947 8571	0.90 0.80	9.50 9.00	120.867
			1977	OKLA	BIT	6.00	11531 10631	4.30 3.10	21.80 10.90	125.138

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
OTTER TAIL POWER BIG STONE	BIG STONE	440.00	1975	N.D.	LIG	1609.30	6196 5937	0.90 0.70	8.40 6.74	47.435
			1976	N.D.	LIG	2459.70	6261 5999	0.98 0.72	8.10 5.70	51.677
			1977	N.D.	LIG	2237.20	6266 5949	0.86 0.72	9.54 6.00	54.824
			1978	N.D.	LIG	2862.30	6157 5837	1.30 0.74	8.17 6.43	60.814
TENNESSEE										
TENNESSEE VALLEY AUTHORITY ALLEN	MEMPHIS	990.00	1972	ILL	BIT	160.18	11400 10495	4.20 3.10	14.00 10.20	37.757
			1972	KY	BIT	351.29	11500 11183	3.30 3.20	12.20 9.90	32.495
			1972	OKLA	BIT	69.63	13250 12662	4.50 3.40	12.60 9.80	28.925
			1973	ILL	BIT	424.20	11099 10507	3.30 2.90	11.10 9.40	40.510
			1973	KY	BIT	1053.25	11500 10676	4.20 2.40	16.40 9.90	35.113
			1973	OKLA	BIT	36.08	12966 12521	4.50 3.80	12.60 10.30	33.650
			1974	ILL	BIT	301.66	10578 10507	3.30 3.30	11.10 10.80	40.578
			1974	KY	BIT	1348.37	11284 10562	3.50 2.40	16.20 10.20	45.714
			1975	ILL	BIT	481.10	10627 10504	3.30 3.30	11.10 10.80	61.575
			1975	KY	BIT	1292.32	11948 10581	4.40 2.40	17.00 7.40	80.174
			1976	ILL	BIT	27.13	10627 10627	3.30 3.30	11.10 11.10	99.700
			1976	IND	BIT	36.47	10900 10553	3.80 3.50	13.70 11.00	87.379
			1976	KY	BIT	1659.80	12000 10518	4.30 2.00	14.60 7.40	91.397
			1977	ILL	BIT	8.93	10391 10391	2.30 2.30	16.10 16.10	80.400
			1977	IND	BIT	57.64	10800 10530	3.80 3.10	13.70 9.80	88.300
			1977	KY	BIT	1415.71	12000 10722	4.60 2.00	18.50 8.60	83.239
			1977	OHIO	BIT	208.92	11800 10800	3.90 2.50	16.90 9.90	98.549
			1978	ILL	BIT	29.50	11500 10082	3.60 1.90	20.60 9.90	102.977
			1978	IND	BIT	28.17	11500 10529	2.30 2.00	10.80 9.80	126.537
			1978	KY	BIT	1289.52	12705 10728	4.30 1.70	18.50 7.40	106.080
			1978	OHIO	BIT	6.43	11000 11000	2.00 2.00	9.80 9.80	128.800
			1978	OKLA	BIT	89.70	12500 12000	2.40 2.00	14.30 9.00	121.242
			1978	PENN	BIT	22.21	12000 12000	2.50 2.50	14.30 14.30	128.226
BULL RUN	CLINTON	950.00	1972	KY	BIT	977.00	11249 11072	1.50 0.80	15.60 14.80	32.204
			1973	KY	BIT	2143.43	11315 11127	1.50 1.00	15.40 14.50	34.074
			1974	KY	BIT	2390.68	11315 8965	4.60 0.80	28.00 14.40	46.596
			1975	KY	BIT	2422.28	12500 10500	3.90 0.80	18.70 7.40	66.470
			1975	TENN	BIT	4.20	11611 11611	2.80 2.80	14.90 14.90	136.522
			1976	KY	BIT	2399.25	12800 10852	3.10 0.90	16.20 7.30	86.275
			1976	TENN	BIT	6.19	12311 11489	1.60 1.10	16.30 11.50	81.806
			1977	KY	BIT	1547.52	12200 11003	3.20 0.70	16.00 12.00	93.698
			1977	TENN	BIT	0.15	12035 11932	1.50 1.00	13.20 12.90	143.310
			1978	KY	BIT	2117.47	12000 10922	3.10 0.80	17.20 11.60	108.359
GALLATIN	GALLATIN	1255.20	1972	IND	BIT	40.24	10460 10460	1.30 1.30	14.20 14.20	44.400
			1972	KY	BIT	1259.38	12000 9890	5.10 0.80	22.80 8.10	33.157
			1973	IND	BIT	404.11	10694 10460	1.70 1.30	14.20 13.00	43.542
			1973	KY	BIT	2638.74	12049 9600	4.70 1.00	21.70 8.10	33.603
			1974	KY	BIT	1750.26	12217 8965	4.80 0.80	28.00 11.30	53.401
			1975	KY	BIT	2406.83	14606 10012	4.70 0.80	20.60 8.30	107.964
			1976	KY	BIT	1883.85	11908 10708	4.30 0.90	18.30 9.30	83.104
			1977	KY	BIT	2375.83	11857 10567	4.30 0.90	16.90 10.00	104.855
			1978	KY	BIT	2537.31	12411 10800	4.10 0.80	17.50 8.20	129.777
			1978	TENN	BIT	13.06	11000 11000	1.80 1.80	13.80 13.80	132.532
SEVIER	ROGERSVILLE	846.50	1972	KY	BIT	257.21	12790 10500	3.20 0.60	19.00 6.30	38.818

TABLE 3.4 CONTD.

CCAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
JOHNSONVILLE	NEW JOHNSONVILLE	1485.20	1972	TENN	BIT	426.14	12527	10119	3.10	0.60	23.20	9.10	36.213
			1972	VA	BIT	505.33	13300	10700	3.60	0.50	20.70	8.60	36.289
			1973	IND	BIT	39.06	11444	11444	3.50	3.40	8.90	8.80	59.664
			1973	KY	BIT	301.15	12827	10500	3.20	0.60	19.00	6.30	39.543
			1973	TENN	BIT	425.21	12216	10119	2.40	0.70	23.20	10.20	48.486
			1973	VA	BIT	446.54	12300	10632	3.30	0.50	20.70	11.30	38.216
			1974	IND	BIT	249.70	11554	11426	3.40	2.70	8.90	7.90	61.961
			1974	KY	BIT	99.92	12620	10990	3.30	0.80	16.30	11.10	51.323
			1974	TENN	BIT	383.64	11771	9979	2.40	0.90	21.50	13.40	66.997
			1974	VA	BIT	136.37	11918	10000	3.60	0.50	24.70	13.60	84.518
			1974	W.V.	BIT	8.73	11300	11300	2.50	2.50	13.50	13.50	45.698
			1975	ILL	BIT	234.35	11558	11263	3.90	3.00	9.60	8.50	100.700
			1975	IND	BIT	247.13	11475	10424	3.90	1.10	10.30	8.50	104.335
			1975	KY	BIT	322.28	14660	10400	3.30	0.70	17.10	9.40	93.367
			1975	TENN	BIT	648.18	14660	9665	3.00	0.90	28.50	9.60	110.347
			1975	VA	BIT	872.28	12300	10000	3.90	0.50	22.90	9.50	109.734
			1975	W.V.	BIT	3.58	11743	11141	0.70	0.70	11.10	7.70	87.164
			1976	IND	BIT	436.35	11475	10424	3.70	1.10	10.30	8.70	111.587
			1976	KY	BIT	469.73	12500	9000	3.60	0.70	17.60	9.60	74.740
			1976	TENN	BIT	611.75	14000	11000	3.00	0.90	17.60	10.90	106.042
			1976	VA	BIT	842.55	12578	10500	3.80	0.60	19.30	9.80	84.277
			1977	IND	BIT	376.43	11659	11190	3.70	1.00	9.60	8.40	114.494
			1977	KY	BIT	346.78	13000	11000	3.90	0.70	16.20	1.22	106.667
			1977	TENN	BIT	866.85	14000	9927	4.00	0.80	25.50	8.50	118.389
			1977	VA	BIT	452.37	12139	11000	3.20	0.90	22.50	10.40	102.064
			1978	KY	BIT	430.16	13200	11000	2.40	0.60	16.40	6.60	129.348
			1978	TENN	BIT	992.61	13124	9927	2.90	0.80	26.80	7.30	122.628
			1978	VA	BIT	855.44	12666	10548	2.80	0.70	21.90	10.60	126.571
			1972	--	PC	10.05	14200	13987	4.60	4.10	0.60	0.50	28.108
			1972	IND	BIT	9.88	12420	10460	3.70	1.30	14.20	11.30	36.880
			1972	KY	BIT	1891.02	11712	10716	4.30	2.00	17.10	9.70	31.637
			1972	MONT	SUB	20.40	8700	8700	0.70	0.70	8.40	8.40	81.300
			1973	IND	BIT	33.28	10694	10566	1.70	1.50	13.40	13.00	46.150
			1973	KY	BIT	3172.08	11392	10676	5.10	1.00	16.50	11.70	38.973
			1974	KY	BIT	2342.49	11354	10344	4.50	2.90	19.00	12.10	44.777
			1974	TENN	BIT	2.86	10500	10500	4.70	4.70	14.70	14.70	120.200
			1975	IND	BIT	43.05	10600	10500	4.70	3.20	14.70	13.20	107.280
			1975	KY	BIT	1734.51	14606	10182	4.50	0.90	18.30	10.60	81.282
			1975	OHIO	BIT	1683.12	10601	10000	3.40	3.00	19.80	18.90	116.848
			1975	TENN	BIT	260.46	10500	10000	4.70	3.00	18.90	14.70	112.703
			1976	ILL	BIT	282.31	10677	10627	3.30	3.30	11.60	11.10	90.665
			1976	IND	BIT	74.80	10902	10756	4.10	3.60	12.60	11.70	81.473
			1976	KY	BIT	2647.19	12008	10481	4.30	0.90	17.60	8.80	97.039
			1976	OHIO	BIT	481.02	10705	10601	3.40	3.30	19.10	17.70	117.305
			1977	IND	BIT	69.54	10800	10450	4.00	2.40	14.40	12.80	87.955
			1977	KY	BIT	2476.99	11879	10558	4.60	0.90	18.50	9.00	108.685
			1977	OHIO	BIT	329.52	11000	10471	4.30	3.10	20.10	13.50	101.678
			1977	TENN	BIT	619.59	11073	10833	3.90	3.70	17.60	16.90	101.200
			1977	WYO	BIT	41.27	8150	8150	0.30	0.30	6.30	6.30	122.575
			1978	ALA	BIT	38.29	12000	11800	0.90	0.60	14.30	14.10	139.707
			1978	IND	BIT	216.75	11000	10143	4.00	1.90	16.00	10.60	111.225
			1978	KY	BIT	756.39	13400	10800	4.10	0.60	16.50	7.20	128.796
			1978	OHIO	BIT	1937.22	12000	10800	4.10	2.20	18.40	12.70	110.978
			1978	OKLA	BIT	40.74	12000	12000	4.30	3.80	14.30	14.30	124.142

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STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
KINGSTON	KINGSTON	1723.25	1978	PENN	BIT	11.46	11500 11200	2.30 2.00	16.60 13.20	110.787
			1978	TENN	BIT	5.19	13000 13000	0.90 0.90	9.30 9.30	158.000
			1978	W.V.	BIT	29.28	11745 11500	2.90 0.90	16.20 13.50	150.408
			1972	KY	BIT	957.33	12903 11000	4.40 0.60	18.60 6.60	37.096
			1972	TENN	BIT	1488.45	13345 10119	4.30 0.90	23.20 7.40	35.531
			1973	KY	BIT	1038.46	12827 10000	3.00 0.50	20.20 6.60	39.855
			1973	TENN	BIT	2504.76	12703 9871	4.40 1.00	28.20 11.30	38.805
			1974	KY	BIT	969.52	12333 8965	4.80 0.80	28.00 10.30	56.554
			1974	TENN	BIT	1987.61	12672 8171	4.90 0.90	40.40 10.90	53.861
			1975	KY	BIT	1557.93	13232 9218	4.70 0.80	27.30 5.80	104.042
			1975	TENN	BIT	3608.40	12821 8623	4.60 0.70	37.10 9.40	97.220
			1976	KY	BIT	339.95	12192 10852	3.00 0.90	16.50 11.80	105.414
			1976	TENN	BIT	3807.08	16808 9637	4.70 0.90	28.00 9.40	105.228
			1977	KY	BIT	928.53	12512 10726	3.20 0.70	22.00 9.30	99.093
			1977	TENN	BIT	2580.03	13000 9927	4.70 0.60	25.50 9.40	107.883
			1978	IND	BIT	166.82	11251 10969	3.20 1.20	9.30 8.60	127.954
			1978	KY	BIT	1292.22	13000 10650	3.80 0.60	19.80 6.50	129.209
			1978	MD	BIT	3.58	11000 11000	3.20 3.20	13.70 13.70	162.800
			1978	TENN	BIT	3167.31	13124 9816	4.30 0.60	26.80 5.50	117.320
WATTS BAR	WATTS BAR DAM	240.00	1972	KY	BIT	182.53	11412 11121	4.50 4.20	14.30 14.00	42.594
			1972	TENN	BIT	27.14	12373 11536	4.00 1.30	16.50 11.40	37.988
			1973	KY	BIT	436.33	11392 11259	4.40 4.20	14.30 13.90	48.458
			1973	TENN	BIT	191.16	12373 11215	4.00 1.00	17.30 11.40	46.151
			1974	KY	BIT	210.78	11354 11079	4.20 4.00	15.30 14.00	55.400
			1975	KY	BIT	345.82	11337 11120	4.40 4.10	14.50 13.10	59.903
			1975	TENN	BIT	328.63	13000 11000	2.60 1.40	14.50 4.70	77.545
			1976	ALA	BIT	4.80	12800 12000	1.70 1.40	14.00 13.40	74.312
			1976	ILL	BIT	145.25	10934 10649	2.40 2.10	16.20 14.00	104.545
			1976	KY	BIT	53.26	11110 11083	4.20 4.10	13.80 13.80	62.216
			1976	TENN	BIT	402.20	13000 11000	4.30 1.40	23.30 10.10	71.076
			1977	ALA	BIT	0.23	12000 12000	1.50 1.50	14.40 14.40	120.800
			1977	ILL	BIT	258.62	10649 10129	2.40 1.80	17.60 15.50	108.840
			1977	KY	BIT	138.38	12000 10728	2.50 2.10	13.60 10.00	120.724
			1977	PENN	BIT	12.14	12000 12000	2.30 2.30	13.90 13.90	122.140
			1977	TENN	BIT	219.87	12500 10952	3.80 1.20	19.00 11.90	102.513
			1978	ALA	BIT	4.54	12500 12000	2.00 1.40	14.50 14.10	130.157
			1978	ILL	BIT	0.10	10129 10129	2.40 2.40	17.60 17.60	116.000
			1978	KY	BIT	186.44	12600 11000	2.60 1.40	13.80 7.20	126.221
CUMBERLAND	CUMBERLAND CITY	2600.00	1978	PENN	BIT	1.76	12000 12000	2.30 2.30	13.90 13.90	127.400
			1978	TENN	BIT	506.19	12600 10968	3.30 1.40	19.90 9.50	121.709
			1972	ILL	BIT	39.24	11200 11200	3.10 3.10	9.80 9.80	32.000
			1972	KY	BIT	1291.92	11600 10544	3.80 3.40	17.40 12.20	31.768
			1973	ILL	BIT	438.27	11200 10686	3.30 3.10	10.90 9.80	31.357
			1973	KY	BIT	3961.03	10818 10478	3.90 3.40	18.40 15.50	40.746
			1974	--	PC	3.13	14348 14291	3.20 3.00	0.70 0.60	46.577
			1974	ILL	BIT	42.51	10691 10526	3.30 3.30	11.10 10.80	44.947
			1974	KY	BIT	4174.93	11269 10169	4.30 3.20	20.30 11.80	46.743
			1975	KY	BIT	5996.66	11629 10169	4.50 3.00	20.30 10.60	64.763
			1976	KY	BIT	4421.20	11629 10411	4.40 3.00	18.30 11.00	78.971
			1977	KY	BIT	5095.55	11600 10258	4.00 2.20	19.50 10.60	102.358
			1978	IND	BIT	63.52	11000 11000	3.30 2.60	13.50 10.80	112.108
			1978	KY	BIT	4235.62	12376 10258	3.90 2.00	19.50 8.50	119.915
			1978	OHIO	BIT	56.14	11500 11000	3.00 2.30	14.80 13.50	119.432
			1978	OKLA	BIT	17.36	12000 11000	3.10 3.00	14.30 13.50	115.773

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STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1978	PENN	BIT	65.39	12400 11000	3.30 1.40	16.40 13.20	117.125
			1978	W.V.	BIT	9.01	11700 11700	2.70 2.70	13.50 13.50	125.415
TEXAS										
CITY PUB SERV-SAN ANTONIO J T DEELY	SAN ANTONIO	894.00	1976	WYO	SUB	361.40	8150 8150	0.37 0.37	6.60 6.60	113.000
			1977	WYO	SUB	2289.20	8399 8146	0.37 0.35	6.60 6.21	119.112
			1978	WYO	SUB	2282.30	8455 8221	0.39 0.35	6.78 5.83	122.849
HOUSTON LIGHTING & POWER PARISH	RICHMOND	2723.66	1978	WYO	SUB	567.50	8805 8651	0.60 0.43	60.00 4.90	186.599
SOUTHWESTERN PUBLIC SERVICE HARRINGTON	AMARILLO	720.00	1976	WYO	SUB	333.00	8345 8137	0.46 0.37	5.90 5.20	100.328
			1977	WYO	SUB	1054.00	8537 8324	0.41 0.33	5.50 4.70	107.573
			1978	N.M.	SUB	263.00	9103 8517	0.40 0.36	7.50 5.40	123.329
			1978	WYO	SUB	1543.00	9103 8517	0.40 0.32	7.50 4.80	121.627
SOUTHWESTERN ELEC PWR (CSW) WELSH STATION	TITUS CO.	512.32	1976	TEX	LIG	16.00	5628 5628	0.44 0.44	26.60 26.60	73.300
			1976	WYO	SUB	209.50	8255 8226	0.48 0.48	6.50 6.50	79.069
			1977	WYO	SUB	1596.50	8484 8245	0.48 0.34	6.50 5.20	83.631
			1978	WYO	SUB	1586.00	8461 8334	0.45 0.34	5.90 5.10	95.599
TEXAS PWR & LT (TEXAS UTILS) BIG BROWN	FAIRFIELD	1186.80	1972	TEX	LIG	1012.00	7000 7000	0.60 0.60	10.40 10.40	21.000
			1973	TEX	LIG	4732.00	7000 7000	0.60 0.60	10.40 10.40	12.800
			1974	TEX	LIG	5137.00	7000 7000	0.60 0.60	10.40 10.40	16.898
			1975	TEX	LIG	5611.00	6750 6750	0.60 0.60	10.40 10.40	22.582
			1976	TEX	LIG	5300.00	7000 6750	0.60 0.60	10.40 10.40	27.676
			1977	TEX	LIG	5287.00	7000 7000	0.60 0.60	10.40 10.40	32.028
			1978	TEX	LIG	5298.00	7100 7000	0.60 0.60	10.40 10.40	34.183
MARTIN LAKE	HENDERSON	1586.50	1977	TEX	LIG	2637.00	6750 6750	0.90 0.90	10.00 10.00	57.620
			1978	TEX	LIG	5904.00	7000 6750	0.90 0.90	10.00 10.00	41.330
MONTICELLO	MT. PLEASANT	1980.05	1975	TEX	LIG	3535.00	6250 6200	0.60 0.60	14.30 14.30	22.807
			1976	TEX	LIG	6551.00	6200 6200	0.60 0.60	14.30 14.30	27.401
			1977	TEX	LIG	6229.00	6200 6200	0.60 0.60	14.30 14.30	33.779
			1978	TEX	LIG	6961.00	6200 6200	0.60 0.60	14.30 14.30	53.793
UTAH										
UTAH POWER & LIGHT CARBON	CASTLE GATE	188.64	1972	UTAH	SUB	173.00	12312 12092	0.60 0.50	7.60 6.30	24.838
			1973	UTAH	BIT	235.00	12724 11341	0.60 0.40	14.90 5.30	29.985
			1973	UTAH	SUB	256.00	12480 11404	0.60 0.40	13.00 7.60	29.003
			1974	UTAH	BIT	9.00	12150 12042	0.40 0.30	9.30 8.30	28.878
			1974	UTAH	SUB	364.00	12370 11081	0.60 0.40	14.60 8.20	39.216
			1975	UTAH	BIT	280.00	11728 10949	0.60 0.40	14.90 11.30	46.958
			1975	UTAH	SUB	153.00	11741 10950	0.60 0.50	15.30 11.80	50.226
			1976	UTAH	BIT	396.00	11690 9902	0.62 0.43	14.70 13.30	59.424
			1976	UTAH	SUB	58.00	11393 11393	0.64 0.64	13.40 13.40	65.300

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STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU	
UTAH	FORM 423 PLT # 0850 GADSBY	-- 251.64	1977	UTAH	SUB	585.00	11615 10737	5.40 0.43	15.90 12.50	75.737	
			1978	UTAH	BIT	119.00	11682 10472	0.73 0.40	16.70 6.60	96.518	
			1978	UTAH	SUB	245.00	12026 10338	0.73 0.42	18.30 5.70	90.550	
			1978	UTAH	BIT	288.00	12696 10810	0.80 0.45	13.40 7.20	85.465	
			1978	UTAH	SUB	275.00	12880 11556	0.80 0.53	12.70 7.00	79.383	
	HUNTINGTON	HUNTINGTON	892.80	1972	UTAH	SUB	83.00	12345 12282	0.50 0.50	7.60 7.60	33.204
				1973	UTAH	BIT	40.00	12201 11782	0.50 0.50	12.00 6.20	39.532
				1973	UTAH	SUB	373.00	12245 11782	0.60 0.40	12.00 7.20	38.463
				1974	UTAH	SUB	309.00	12291 11750	0.60 0.40	11.90 8.20	46.025
				1975	UTAH	BIT	280.00	11893 10949	0.60 0.40	14.90 11.30	58.344
				1975	UTAH	SUB	121.00	11811 11046	0.60 0.50	15.30 11.80	60.678
				1976	UTAH	BIT	379.00	11568 11079	0.64 0.43	14.70 13.30	70.777
				1977	UTAH	BIT	468.00	11564 10717	0.64 0.48	16.70 12.50	87.117
				1978	UTAH	BIT	212.00	11750 10814	0.66 0.33	15.80 5.80	97.084
				1978	WYO	BIT	58.00	11035 10819	0.58 0.42	16.20 13.70	123.307
	HALE	OREM	59.00	1974	UTAH	BIT	291.00	12134 11330	0.50 0.40	12.40 10.00	32.063
				1975	UTAH	BIT	1014.00	12468 11727	0.61 0.50	11.20 4.90	41.732
				1976	UTAH	BIT	914.00	12297 10650	0.57 0.48	16.00 9.20	61.348
				1977	UTAH	BIT	1217.00	12312 11920	0.54 0.50	14.50 9.92	66.628
				1978	UTAH	BIT	1529.00	12142 10390	0.73 0.44	15.10 8.40	81.225
				1978	UTAH	SUB	9.00	10847 10847	0.61 0.61	12.90 12.90	76.400
				1972	UTAH	SUB	5.00	12287 12130	0.60 0.50	6.90 6.30	32.604
				1973	UTAH	BIT	57.00	12584 11341	0.60 0.40	14.90 6.20	39.289
				1973	UTAH	SUB	22.00	12480 11404	0.60 0.40	17.60 7.40	37.729
				1974	UTAH	BIT	4.00	12042 12042	0.40 0.40	9.30 9.30	38.300
	FORM 423 PLT # 1700	--	-	1974	UTAH	SUB	28.00	12296 11148	0.50 0.40	13.00 8.80	56.203
				1975	UTAH	BIT	76.00	12438 10881	0.60 0.40	14.90 11.30	59.667
				1975	UTAH	SUB	31.00	11813 10911	0.60 0.50	15.30 11.80	64.445
				1976	UTAH	BIT	122.00	11562 10960	0.64 0.45	14.70 13.30	77.497
				1977	UTAH	BIT	149.00	11649 10537	0.64 0.48	16.70 12.50	88.328
				1978	UTAH	BIT	19.00	11644 10189	0.64 0.50	16.20 6.70	101.691
				1972	UTAH	SUB	15.00	12518 12518	0.60 0.60	6.90 6.90	31.800
				1973	UTAH	SUB	77.00	12089 11949	0.50 0.50	9.60 8.30	38.759
VERMONT											
BURLINGTON ELECTRIC DEPARTMENT MORAN	BURLINGTON	30.00	1972	W.V.	BIT	22.60	13401 13328	0.90 0.90	7.40 7.00	64.732	
			1973	W.V.	BIT	36.62	13588 12291	0.97 0.83	9.89 5.80	72.635	
			1974	W.V.	BIT	39.21	13700 10921	0.97 0.82	16.42 6.95	150.363	
			1975	W.V.	BIT	8.42	12872 12872	0.99 0.99	8.60 8.60	204.900	
			1977	PENN	BIT	19.94	13089 12627	1.76 1.15	13.50 9.81	137.653	
VIRGINIA											
APPALACHIAN POWER (AEP) CLINCH RIVER	CLEVELAND	712.50	1972	VA	BIT	874.20	12408 11955	1.40 0.60	15.80 12.30	28.121	
			1972	W.V.	BIT	65.90	12128 12128	0.70 0.70	15.20 15.20	27.400	
			1973	KY	BIT	56.00	12655 11982	1.90 0.50	15.50 6.90	53.000	
			1973	VA	BIT	1398.69	13196 10908	2.60 0.60	21.70 6.90	34.839	
			1973	W.V.	BIT	747.50	12817 10965	1.70 0.60	20.30 10.30	33.086	
			1974	KY	BIT	236.70	12491 9885	1.90 0.50	26.00 8.50	120.194	

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							MAX	MIN	MAX	MIN	MAX	MIN	
GLEN LYN	GLEN LYN	337.50	1974	VA	BIT	1367.38	12856	10326	2.70	0.50	25.30	11.20	79.704
			1974	W.V.	BIT	320.30	12266	10279	3.20	0.50	22.90	13.30	58.452
			1975	KY	BIT	59.00	12710	10848	1.20	0.50	19.00	11.90	88.671
			1975	VA	BIT	1730.15	12944	10071	2.20	0.50	25.70	10.00	99.370
			1976	KY	BIT	160.20	12559	11882	0.71	0.50	16.10	12.10	106.204
			1976	VA	BIT	1550.09	13411	11009	1.76	0.58	20.80	5.20	107.666
			1976	W.V.	BIT	104.00	11843	11843	0.72	0.72	17.60	17.60	106.800
			1977	KY	BIT	94.30	12603	11663	1.11	0.65	15.50	11.50	125.166
			1977	VA	BIT	1622.59	13445	10605	2.08	0.68	24.80	7.60	132.065
			1977	W.V.	BIT	30.80	12597	11787	1.41	1.19	12.70	8.40	120.687
			1978	KY	BIT	100.20	12236	11011	1.42	0.65	18.70	13.60	153.170
			1978	VA	BIT	1395.09	13490	10044	2.30	0.64	27.00	7.90	152.046
			1978	W.V.	BIT	7.00	11989	11238	2.30	0.90	17.10	14.00	140.214
			1972	KY	BIT	14.10	12204	12057	0.80	0.60	15.70	14.60	38.278
			1972	VA	BIT	168.40	13007	11348	2.10	0.70	17.90	10.80	38.512
			1972	W.V.	BIT	286.10	13583	9687	1.80	0.60	20.80	7.00	35.992
			1973	KY	BIT	48.70	12804	10992	1.20	0.60	19.90	7.10	41.671
			1973	VA	BIT	554.49	13163	10640	2.00	0.60	20.80	7.50	46.259
			1973	W.V.	BIT	261.70	13762	10858	2.40	0.50	21.60	3.80	38.401
			1974	KY	BIT	190.00	13047	10819	1.70	0.50	20.30	7.70	110.991
			1974	VA	BIT	372.89	13607	9121	2.70	0.60	25.40	8.00	134.101
			1974	W.V.	BIT	212.90	13342	10078	2.60	0.50	25.30	9.00	111.599
			1975	KY	BIT	114.50	12776	11605	0.80	0.50	17.80	11.30	68.092
			1975	VA	BIT	408.78	13399	10038	2.10	0.60	22.30	8.40	128.658
			1975	W.V.	BIT	68.80	12687	10534	1.10	0.50	24.10	6.60	87.831
			1976	KY	BIT	74.40	12783	11789	0.76	0.58	14.70	11.00	80.753
			1976	VA	BIT	371.00	12802	11381	2.21	0.75	20.10	10.10	113.743
			1976	W.V.	BIT	181.60	12862	10658	1.07	0.47	24.40	12.80	90.388
			1977	VA	BIT	745.69	12280	10309	2.39	0.76	23.10	11.30	118.240
			1977	W.V.	BIT	76.10	13087	10566	1.14	0.57	25.90	10.00	97.110
			1978	KY	BIT	106.50	11986	10982	2.12	0.94	21.90	12.00	138.553
			1978	VA	BIT	457.70	12622	9599	2.13	0.74	29.50	12.80	135.217
			1978	W.V.	BIT	61.10	12906	11064	1.42	0.62	21.00	8.90	111.803
DANVILLE WTR GAS & ELEC BRANTLY	DANVILLE	29.00	1972	KY	BIT	9.51	13500	13500	0.90	0.90	9.00	8.00	50.200
			1972	VA	BIT	18.39	13500	13500	0.90	0.90	8.00	8.00	50.200
			1973	KY	BIT	31.34	13500	13500	1.00	0.90	8.00	8.00	58.096
			1973	VA	BIT	19.73	13500	13500	1.00	0.90	10.00	8.00	50.200
			1974	KY	BIT	33.63	13500	13500	0.90	0.90	8.00	8.00	152.181
			1974	VA	BIT	19.67	13500	13500	0.90	0.90	8.00	8.00	158.862
			1975	KY	BIT	34.94	13500	13500	0.90	0.90	8.00	8.00	144.065
			1975	VA	BIT	18.38	13500	13500	0.90	0.90	8.00	8.00	139.988
			1976	KY	BIT	35.38	13500	13500	0.90	0.90	8.00	8.00	106.266
			1976	VA	BIT	17.21	13500	13500	0.90	0.90	8.00	8.00	104.479
			1977	KY	BIT	13.57	13500	13200	0.90	0.90	8.00	8.00	115.160
			1977	VA	BIT	51.65	13500	13200	0.90	0.90	8.00	8.00	117.738
			1978	KY	BIT	0.51	13200	13200	0.90	0.90	8.00	8.00	135.300
			1978	VA	BIT	18.37	13200	13200	0.97	0.90	8.00	8.00	135.250
POTOMAC EDISON-VA (APS) RIVERTON	RIVERTON	34.50	1972	MD	BIT	15.50	13126	11296	1.10	0.60	16.20	7.60	45.812
			1972	W.V.	BIT	8.20	13122	12413	1.00	0.50	16.90	10.30	45.640
			1973	MD	BIT	0.50	12168	12120	0.90	0.80	11.30	10.60	46.000

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			1973	PENN	BIT	0.70	12923 12923	1.20 1.20	11.70 11.70	77.400
			1973	W.V.	BIT	14.60	11650 10395	4.10 2.40	28.90 21.50	46.000
			1974	PENN	BIT	12.10	12905 11916	3.10 1.20	17.60 12.00	117.030
POTOMAC ELECTRIC POWER POTOMAC RIVER	ALEX	514.75	1972	KY	BIT	130.00	13508 11620	1.40 0.50	13.10 7.30	56.606
			1972	VA	BIT	224.00	13851 11908	1.10 0.60	12.80 6.20	57.047
			1972	W.V.	BIT	81.00	13777 11279	0.80 0.60	11.30 6.50	56.065
			1973	KY	BIT	250.00	13379 11150	2.10 0.50	17.60 7.80	61.057
			1973	VA	BIT	462.00	13851 10543	1.20 0.50	17.70 5.30	61.136
			1973	W.V.	BIT	83.00	13159 12195	1.20 0.70	11.90 8.20	57.270
			1974	KY	BIT	200.00	13600 10320	1.90 0.40	20.50 6.60	166.169
			1974	TENN	BIT	11.00	12215 11342	1.40 1.30	19.60 11.10	149.203
			1974	VA	BIT	870.00	13889 7656	2.10 0.50	22.70 5.70	166.970
			1974	W.V.	BIT	25.00	13596 10054	1.50 0.60	23.70 6.40	230.864
			1975	KY	BIT	277.00	13415 10500	1.80 0.54	17.20 7.20	129.418
			1975	PENN	BIT	1.00	10236 10236	1.08 1.08	15.70 15.70	170.100
			1975	TENN	BIT	3.00	12232 11627	2.09 1.02	13.60 11.90	161.469
			1975	VA	BIT	216.30	13565 10412	2.10 0.50	18.50 6.00	138.693
			1975	W.V.	BIT	13.00	12078 11197	1.20 0.70	19.30 9.60	139.092
			1976	KY	BIT	487.00	13393 10188	1.62 0.50	18.10 6.50	111.504
			1976	VA	BIT	379.00	13739 11663	2.86 0.56	15.70 6.90	111.492
			1976	W.V.	BIT	11.00	13336 12500	1.00 0.69	9.50 8.00	109.241
			1977	KY	BIT	413.00	13582 125	1.71 0.45	22.10 5.60	142.470
			1977	MD	BIT	7.00	13215 13067	1.23 0.87	10.10 10.00	181.861
			1977	PENN	BIT	1.00	12568 12568	1.26 1.26	10.60 10.60	179.000
			1977	VA	BIT	325.00	13502 10647	1.73 0.53	21.30 6.90	137.226
			1977	W.V.	BIT	290.00	13523 10767	1.91 0.58	16.50 6.20	175.952
			1978	KY	BIT	254.00	13568 10797	1.00 0.44	18.90 5.40	168.042
			1978	MD	BIT	28.00	13172 12334	1.07 0.90	13.30 9.20	185.488
			1978	PENN	BIT	67.00	13510 12515	1.10 0.82	11.20 8.40	181.201
			1978	TENN	BIT	1.00	12158 12158	0.96 0.96	10.80 10.80	176.100
			1978	VA	BIT	110.00	14174 11311	1.27 0.60	16.80 3.90	170.293
			1978	W.V.	BIT	285.00	13968 11249	1.11 0.48	15.40 3.80	183.737
VIRGINIA ELECTRIC & POWER BREMO BLUFF	BREMO BLUFF	254.28	1973	KY	BIT	241.00	13775 11283	1.50 0.50	19.70 7.80	63.091
			1973	W.V.	BIT	233.00	13719 11030	1.50 0.60	14.20 6.70	67.263
			1974	KY	BIT	182.00	12450 9798	1.70 0.50	24.80 11.60	161.872
			1974	W.V.	BIT	323.00	13103 10962	2.20 0.70	19.10 8.00	141.872
			1975	KY	BIT	74.40	12870 12000	1.20 0.76	12.00 6.70	148.934
			1975	W.V.	BIT	452.00	13209 11236	1.20 0.50	17.20 6.20	140.148
			1976	KY	BIT	250.00	13267 11809	2.46 0.58	13.20 3.20	132.751
			1976	W.V.	BIT	369.00	13937 11727	1.80 0.54	13.50 7.90	125.239
			1977	KY	BIT	341.00	13249 10367	2.05 0.56	20.20 6.10	136.988
			1977	W.V.	BIT	283.00	13311 11819	1.80 0.67	12.90 9.00	134.452
			1978	KY	BIT	148.00	13010 11204	1.98 0.63	15.10 6.10	164.498
			1978	VA	BIT	1.00	12683 12683	0.87 0.87	10.40 10.40	170.900
			1978	W.V.	BIT	259.00	13111 11399	2.48 0.63	14.20 8.50	156.455
CHESTERFIELD	CHESTER	1484.44	1975	KY	BIT	506.00	13130 11177	1.80 0.70	15.10 6.20	117.279
			1975	TENN	BIT	45.00	12867 11617	1.81 0.84	13.80 7.40	112.911
			1976	KY	BIT	1260.00	13174 10734	1.49 0.76	14.10 4.40	121.573
			1976	TENN	BIT	48.00	13036 12090	0.94 0.69	12.60 6.80	111.100
			1976	VA	BIT	11.00	12811 12600	1.38 0.71	13.90 10.10	110.030

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FORM 423 PLT # 1100	--	-	1977	KY	BIT	1107.00	13259 10696	1.93 0.56	20.20 6.90	142.746
			1977	MD	BIT	2.00	12558 12558	1.16 1.16	11.00 11.00	142.900
			1977	TENN	BIT	2.00	12617 12617	1.12 1.12	7.80 7.80	110.200
			1977	VA	BIT	28.00	13000 12361	1.38 0.67	12.00 8.00	150.491
			1977	W.V.	BIT	83.00	13000 12112	1.55 0.62	12.20 8.00	143.573
			1978	KY	BIT	743.00	12766 11528	1.98 0.53	14.60 7.70	169.841
			1978	VA	BIT	4.00	12683 12366	0.88 0.87	11.30 10.40	153.382
			1973	KY	BIT	42.00	14172 11816	1.80 0.50	10.80 1.80	77.243
			1973	VA	BIT	21.00	13800 13486	0.80 0.40	7.20 4.80	81.087
			1973	W.V.	BIT	9.00	13859 13800	0.60 0.60	5.20 4.70	81.505
			1974	KY	BIT	65.00	13407 11142	2.50 0.60	15.40 3.40	160.033
			1973	KY	BIT	1.00	12781 12781	0.80 0.80	5.40 5.40	91.000
			1974	KY	BIT	2.00	13040 13000	1.00 0.70	6.00 4.50	133.511
			1972	--	PC	80.00	15178 14984	4.80 4.10	2.40 0.80	38.276
			1972	KY	BIT	23.00	13358 12330	2.00 1.10	8.90 5.90	57.271
			1972	VA	BIT	77.40	13358 11966	1.50 0.80	10.50 5.90	60.639
			1972	W.V.	BIT	209.00	13779 11083	1.80 0.70	16.00 5.40	60.066
			1973	--	PC	56.00	15178 13502	4.90 3.60	3.70 1.60	36.290
			1973	KY	BIT	204.00	13541 10525	1.90 0.60	17.30 4.60	70.470
			1973	W.V.	BIT	205.00	13432 9555	2.30 0.70	18.10 5.80	66.091
			1974	KY	BIT	88.00	13037 10201	1.90 0.60	22.90 8.70	153.633
			1974	W.V.	BIT	88.00	12981 11454	2.20 0.70	16.20 8.00	146.568
WASHINGTON										
COLUMBIA WATER & LIGHT COLUMBIA	COLUMBIA	107.84	1973	ILL	BIT	5.64	12172 12172	2.10 2.10	8.70 8.70	68.400
PACIFIC POWER & LIGHT CENTRALIA	CENTRALIA	1329.80	1973	WASH	SUB	3400.00	8100 8100	0.70 0.50	15.70 13.20	38.779
			1974	WASH	SUB	4100.00	8100 8100	0.80 0.50	16.10 13.90	36.913
			1975	WASH	SUB	4200.00	8100 8100	0.60 0.40	15.80 13.80	56.517
			1976	WASH	SUB	3600.00	8100 8100	0.62 0.41	16.10 14.20	75.242
			1977	WASH	SUB	4550.00	8100 8100	1.03 0.41	16.90 13.70	72.336
			1978	WASH	SUB	4800.00	8100 8100	1.25 0.69	17.90 14.20	77.100
WEST VIRGINIA										
APPALACHIAN POWER (AEP) CABIN CREEK	CABIN CREEK	170.00	1972	W.V.	BIT	184.30	13524 11434	2.10 0.70	17.60 6.40	38.135
			1973	W.V.	BIT	339.30	14469 11328	2.40 0.70	17.20 4.90	53.120
			1974	W.V.	BIT	362.30	14112 12007	2.30 0.50	13.20 4.50	117.139
			1975	W.V.	BIT	101.10	13820 10832	2.80 0.60	20.20 5.00	110.352
KANAWHA RIVER	GLASGOW	439.33	1976	W.V.	BIT	206.60	13656 11636	1.04 0.59	13.70 7.10	96.685
			1977	W.V.	BIT	98.60	13539 10474	1.47 0.64	19.70 7.30	106.794
			1972	W.V.	BIT	694.00	12980 6741	2.50 0.40	22.60 7.40	36.868
			1973	KY	BIT	7.00	11765 11765	0.60 0.60	12.60 12.60	42.600
			1973	W.V.	BIT	1127.09	12782 10473	2.00 0.60	21.70 10.50	38.171
			1974	KY	BIT	0.90	11253 11253	0.60 0.60	18.30 18.30	66.000
			1974	W.V.	BIT	1147.98	12498 9505	1.80 0.50	27.20 10.80	57.746
			1975	W.V.	BIT	1122.46	12936 9080	1.40 0.50	28.20 9.70	79.085
			1976	KY	BIT	0.10	11661 11661	1.44 1.44	10.10 10.10	97.900

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AMOS	ST. ALBANS	2932.60	1976	W. V.	BIT	963.49	12673 9399	2.19 0.65	28.70 9.80	87.079
			1977	W. V.	BIT	1163.99	12918 10746	1.47 0.63	19.40 8.60	108.230
			1978	W. V.	BIT	969.60	12337 11014	1.04 0.66	19.20 11.80	111.807
			1972	KY	BIF	108.70	11177 11177	0.80 0.80	14.60 14.60	37.600
			1972	W. V.	BIT	2069.38	13474 8927	4.00 0.50	31.60 6.20	38.298
			1973	KY	BIT	360.70	12779 10405	2.80 0.50	18.70 7.40	47.465
			1973	MONT	BIT	33.00	9637 9448	0.40 0.40	5.30 4.20	61.447
			1973	UTAH	BIT	20.80	12099 12081	0.60 0.50	9.50 9.30	113.326
			1973	VA	BIT	160.60	12717 10579	1.20 0.60	22.10 7.20	52.859
			1973	W. V.	BIT	4407.86	13394 9519	3.50 0.40	22.60 4.30	42.530
			1973	WYO	BIT	29.10	8719 8613	0.60 0.60	5.50 5.40	74.488
			1974	ALA	BIT	21.00	11621 10407	2.30 0.80	19.80 14.70	204.886
			1974	KY	BIT	3210.23	13425 7383	3.80 0.40	38.70 4.80	176.564
			1974	MONT	BIT	63.50	9557 9353	0.40 0.30	4.40 4.30	85.146
			1974	PENN	BIT	1.50	11379 11379	2.10 2.10	16.90 16.90	189.100
			1974	TENN	BIT	44.50	11888 9724	3.60 0.60	25.40 11.90	198.384
			1974	UTAH	BIT	63.00	12255 12084	0.50 0.40	12.10 9.20	115.108
			1974	VA	BIT	424.08	12874 7905	1.90 0.50	33.80 9.20	163.959
			1974	W. V.	BIT	3068.93	13069 8569	2.80 0.40	32.20 6.60	100.326
			1975	KY	BIT	1097.48	12566 9356	2.70 0.50	28.40 8.00	95.727
			1975	TENN	BIT	0.10	9873 9873	3.10 3.10	24.00 24.00	227.700
			1975	VA	BIT	634.88	12630 9975	1.90 0.60	22.30 9.90	146.858
			1975	W. V.	BIT	4806.36	13057 8741	2.60 0.40	29.50 6.90	92.016
			1976	KY	BIT	268.50	12497 10391	1.35 0.57	22.20 9.20	94.528
			1976	VA	BIT	236.90	12270 11037	1.19 0.78	18.60 12.90	121.706
			1976	W. V.	BIT	5864.52	13159 10095	1.76 0.53	23.60 7.70	102.535
			1977	KY	BIT	803.19	13718 9836	2.33 0.54	23.30 7.90	131.064
			1977	OHIO	BIT	76.10	11012 10468	1.55 0.92	17.10 13.80	116.713
			1977	TENN	BIT	4.30	11462 11052	1.07 0.86	17.80 15.20	137.129
			1977	VA	BIT	514.89	12722 10750	1.95 0.78	21.20 11.60	137.707
			1977	W. V.	BIT	4954.58	12863 10027	1.78 0.55	24.00 7.30	116.676
			1978	KY	BIT	518.99	12683 9641	2.71 0.57	27.20 8.10	149.165
			1978	OHIO	BIT	85.50	11597 10809	1.55 0.83	16.80 12.10	127.403
			1978	VA	BIT	599.69	12285 10527	1.97 0.74	22.10 12.50	169.544
			1978	W. V.	BIT	5544.46	13226 8334	2.12 0.60	35.70 7.00	129.348
			1978	WYO	SUB	84.50	8925 8232	0.49 0.45	8.10 5.40	128.069
BEECH BOTTOM POWER CO WINDSOR			1972	W. V.	BIT	148.80	11562 11242	4.10 3.50	17.80 15.90	39.161
			1973	W. V.	BIT	119.83	11587 11245	3.50 3.30	17.30 15.90	42.766
CENTRAL OPERATING CO (AEP) SPCRN	NEW HAVEN	1105.55	1972	KY	BIT	76.30	12636 10487	2.60 0.60	19.10 7.50	39.867
			1972	OHIO	BIT	203.70	11638 9984	5.90 2.60	20.60 14.10	29.985
			1972	VA	BIT	13.70	12231 11247	1.90 0.80	16.80 12.00	41.025
			1972	W. V.	BIT	829.49	13156 10223	2.70 0.60	21.50 7.30	38.393
			1973	KY	BIT	244.30	12764 9663	5.50 0.60	23.20 6.90	47.914
			1973	OHIO	BIT	137.70	11124 10121	3.90 2.00	21.30 13.10	33.919
			1973	VA	BIT	127.86	12826 10320	2.30 0.50	22.00 9.90	48.797
			1973	W. V.	BIT	1831.77	13750 9899	3.00 0.60	26.70 5.80	41.743
			1974	KY	BIT	215.00	12467 10188	3.20 0.60	19.20 3.00	144.245
			1974	OHIO	BIT	150.10	10476 9343	3.20 1.90	26.10 20.70	63.182
			1974	TENN	BIT	0.40	10574 10574	1.50 1.50	19.20 19.20	178.300
			1974	VA	BIT	230.70	12711 9964	2.30 0.80	26.80 5.10	126.476

TABLE 3.4 CONTD.

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			1974	W.V.	BIT	1878.46	13300 9499	4.80 0.40	27.00 6.50	82.647
			1975	KY	BIT	335.60	12343 10540	2.30 0.60	18.70 9.40	103.527
			1975	OHIO	BIT	1.90	11427 11427	2.20 2.20	9.40 9.40	103.300
			1975	VA	BIT	418.59	12550 10448	1.70 0.70	20.50 10.60	124.343
			1975	W.V.	BIT	617.49	13147 8403	3.40 0.49	35.00 8.50	108.201
			1976	KY	BIT	997.60	12606 10463	1.74 0.49	20.60 9.50	95.742
			1976	OHIO	BIT	42.80	11644 11492	0.86 0.82	9.80 9.30	98.779
			1976	VA	BIT	565.69	12664 10546	1.85 0.78	21.60 9.10	104.803
			1976	W.V.	BIT	704.19	14151 9272	2.37 0.55	27.40 5.10	107.321
			1977	KY	BIT	851.59	12873 9663	3.29 0.57	22.10 7.40	116.802
			1977	OHIO	BIT	200.90	11545 10976	1.07 0.72	16.00 11.70	107.408
			1977	VA	BIT	532.89	13114 10466	1.64 0.31	23.00 10.00	120.032
			1977	W.V.	BIT	358.49	12173 9267	1.33 0.48	29.10 11.00	140.431
			1978	KY	BIT	579.90	12400 10167	1.19 0.65	20.50 6.80	131.438
			1978	OHIO	BIT	373.00	11511 10696	0.95 0.74	15.70 11.60	126.695
			1978	VA	BIT	468.29	12707 10466	1.63 0.68	21.00 11.50	142.961
			1978	W.V.	BIT	395.70	12174 9049	2.28 0.56	29.60 11.70	140.821
MONONGAHELA POWER (APS) ALBRIGHT	ALBRIGHT	278.25	1972	W.V.	BIT	404.07	12939 9377	5.10 0.50	29.70 11.80	29.371
			1973	W.V.	BIT	771.66	14016 9067	4.40 0.60	36.60 6.30	32.536
			1974	W.V.	BIT	812.48	13691 8075	5.80 0.30	33.70 7.20	78.433
			1975	MD	BIT	35.60	12203 8714	1.50 0.80	21.80 7.70	134.530
			1975	W.V.	BIT	684.40	13795 7980	5.90 0.40	26.60 5.00	97.743
			1976	W.V.	BIT	813.24	13790 10314	3.10 0.80	16.30 6.60	91.022
			1977	W.V.	BIT	878.93	13356 10758	2.41 0.70	20.60 9.00	93.513
			1978	MD	BIT	8.03	11975 11894	2.83 1.40	16.50 15.00	88.200
			1978	PENN	BIT	12.47	12127 11762	2.12 1.69	17.20 15.80	85.593
			1978	W.V.	BIT	894.50	13030 10599	2.28 0.92	21.20 10.90	103.784
FT MARTIN	HAIDSVILLE	1152.00	1972	PENN	BIT	13.57	12114 11352	3.10 1.10	19.50 12.90	31.096
			1972	W.V.	BIT	1507.89	12241 11841	3.90 2.30	15.90 13.40	26.424
			1973	KY	BIT	163.47	12370 11370	0.70 0.70	8.30 6.10	66.900
			1973	PENN	BIT	9.88	13120 12314	2.30 1.20	14.00 10.60	49.039
			1973	W.V.	BIT	2507.46	13650 11870	4.10 1.40	16.00 6.30	30.242
			1974	KY	BIT	297.47	12520 11000	2.30 0.60	18.00 6.70	126.068
			1974	PENN	BIT	76.45	12068 10140	2.70 0.80	24.30 12.00	45.563
			1974	W.V.	BIT	1474.02	13620 11583	2.80 1.20	18.20 6.60	43.601
			1975	PENN	BIT	172.13	13060 10612	2.60 0.70	17.00 10.00	97.231
			1975	W.V.	BIT	2816.23	13550 10957	4.10 1.30	20.40 6.90	73.334
			1976	KY	BIT	669.56	12499 11837	1.10 0.70	8.20 6.80	127.084
			1976	PENN	BIT	82.72	12584 11456	2.10 1.20	20.20 12.40	93.950
			1976	W.V.	BIT	1615.11	13611 11831	4.10 1.60	15.70 6.50	76.331
			1977	KY	BIT	809.73	12455 12071	1.07 0.80	9.30 7.80	115.685
			1977	PENN	BIT	11.72	12573 10267	3.19 1.36	22.90 12.50	80.177
			1977	W.V.	BIT	2152.74	13227 10964	2.90 0.80	21.10 6.80	79.127
			1978	KY	BIT	483.97	13005 11671	1.59 0.78	13.40 6.50	144.019
			1978	PENN	BIT	6.06	12141 9675	2.27 1.62	22.20 9.50	126.604
			1978	W.V.	BIT	2036.49	13686 10895	2.87 1.02	21.50 7.10	96.224
PLEASANTS RIVESVILLE	PARKEESBURG RIVESVILLE	626.00 109.75	1978	W.V.	BIT	305.95	13170 10289	3.61 1.16	20.10 9.20	116.551
			1972	W.V.	BIT	200.16	13629 10526	4.70 1.20	18.20 6.30	29.378
			1973	W.V.	BIT	475.00	14407 10938	4.80 1.00	21.30 6.60	32.040
			1974	W.V.	BIT	384.86	13328 10769	5.30 1.10	22.80 6.80	69.551
			1975	PENN	BIT	6.53	12913 12334	2.20 1.80	15.10 12.60	100.000
			1975	W.V.	BIT	223.37	13842 11076	4.70 0.80	20.40 6.40	101.398

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
WILLOW ISLAND	WILLOW ISLAND	215.00	1976	W.V.	BIT	300.74	12385 11831	2.00 0.90	15.80 12.40	98.647
			1977	W.V.	BIT	411.76	12563 11526	2.20 1.60	17.70 12.20	92.263
			1978	W.V.	BIT	328.85	12839 11606	2.15 0.85	16.70 11.00	108.561
			1972	OHIO	BIT	206.39	13255 10034	5.16 3.50	22.60 7.70	28.863
			1972	W.V.	BIT	66.09	13563 10767	3.70 1.10	22.70 6.70	31.356
			1973	KY	BIT	0.82	13580 13580	0.80 0.80	3.50 3.50	63.200
			1973	OHIO	BIT	268.80	13533 9121	5.90 1.10	23.20 7.80	29.853
			1973	W.V.	BIT	336.04	13725 9597	4.50 1.10	25.00 7.50	32.846
			1974	OHIO	BIT	176.36	10968 9296	5.70 3.00	27.80 16.50	55.631
			1974	W.V.	BIT	445.47	13146 6668	5.50 0.60	35.20 9.70	57.919
			1975	KY	BIT	0.15	11989 11336	1.00 0.70	15.10 14.80	151.841
			1975	OHIO	BIT	108.07	10865 9320	5.30 3.00	26.00 16.40	74.398
			1975	W.V.	BIT	317.26	13111 9264	5.10 0.40	30.20 6.60	115.622
			1976	KY	BIT	0.10	12107 12107	0.70 0.70	11.70 11.70	146.300
			1976	W.V.	BIT	562.61	13021 10334	2.60 0.60	23.30 6.00	117.703
			1977	PENH	BIT	6.72	10200 10200	1.97 1.97	17.60 17.60	94.000
			1977	W.V.	BIT	568.24	12855 10729	2.30 0.60	20.30 6.90	122.700
			1978	KY	BIT	0.33	13115 13115	1.91 1.91	5.80 5.80	165.200
			1978	VA	BIT	0.28	12132 12132	0.59 0.59	14.80 14.80	123.800
			1978	W.V.	BIT	411.23	12891 11019	2.00 0.66	19.70 10.00	140.285
HARRISON	HAYWOOD	2052.00	1972	W.V.	BIT	402.06	12550 12220	4.30 2.80	15.10 13.70	28.210
			1973	KY	BIT	9.33	12320 11410	1.10 1.00	14.20 13.60	90.598
			1973	W.V.	BIT	1441.52	13063 12101	4.40 2.20	16.90 9.90	30.838
			1974	KY	BIT	601.20	11740 9910	3.00 0.80	22.00 13.20	184.586
			1974	W.V.	BIT	2529.35	13660 10330	4.30 0.90	21.60 6.80	47.363
			1975	KY	BIT	958.05	13118 9928	2.10 0.50	24.10 3.40	149.866
			1975	W.V.	BIT	3919.13	13734 6486	5.30 0.40	46.20 6.20	91.860
			1976	KY	BIT	995.51	13480 10424	2.00 0.70	17.60 6.60	148.508
			1976	VA	BIT	2.64	13356 13356	1.30 1.30	9.00 9.00	115.900
			1976	W.V.	BIT	3934.95	13623 10611	4.00 0.60	19.20 6.60	87.924
			1977	KY	BIT	1388.69	13332 10535	1.30 0.50	19.40 6.30	154.825
			1977	MD	BIT	0.28	11656 11656	1.50 1.50	14.50 14.50	85.000
			1977	PENH	BIT	37.31	12000 8732	2.50 1.00	27.80 15.00	98.877
			1977	W.V.	BIT	3663.72	13103 8954	4.10 0.55	26.60 7.70	89.901
			1978	KY	BIT	1042.20	12675 10479	2.11 0.61	22.40 7.00	167.720
			1978	MD	BIT	0.73	12000 12000	2.00 2.00	13.00 13.00	122.413
			1978	PENH	BIT	32.90	12750 12472	3.20 2.84	10.50 9.00	158.702
			1978	W.V.	BIT	3190.22	13379 9054	4.69 0.55	21.30 5.50	107.513
OHIO POWER (AEP) RAMNER	CAPTINA	712.50	1972	OHIO	BIT	120.80	12016 12016	4.00 4.00	12.70 12.70	23.200
			1972	W.V.	BIT	665.10	12102 11848	4.10 4.00	12.80 12.10	23.184
			1973	W.V.	BIT	1480.80	12153 11732	4.20 3.90	13.00 12.20	24.079
			1973	WYO	BIT	30.00	8506 8506	0.50 0.50	5.90 5.90	78.300
			1974	W.V.	BIT	1541.50	12346 11499	4.30 0.90	15.10 12.40	26.592
			1975	KY	BIT	18.50	11693 11634	1.20 1.16	11.70 11.30	99.143
			1975	W.V.	BIT	1510.40	11887 10172	4.54 0.80	21.70 14.20	46.558
			1976	W.V.	BIT	1560.10	11949 11569	4.61 4.23	15.90 14.00	57.181
			1977	OHIO	BIT	221.30	11508 10107	4.11 3.07	20.20 11.80	99.295
			1977	PENH	BIT	2.70	11609 11609	3.14 3.14	16.30 16.30	87.500
			1977	W.V.	BIT	1715.70	12885 11693	4.48 3.38	15.50 11.50	64.136
			1978	W.V.	BIT	1503.10	11921 11486	4.54 4.10	15.80 13.50	66.814
MITCHELL	CAPTINA	1632.60	1972	KY	BIT	8.30	12636 11110	1.30 0.70	14.60 7.80	39.581
			1972	OHIO	BIT	245.00	11010 10702	2.40 2.10	19.40 18.00	32.657

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			1972	PENN	BIT	84.60	12794 11813	2.20 1.90	15.60 8.90	36.836
			1972	VA	BIT	3.50	12506 12506	1.10 1.10	12.30 12.30	42.600
			1972	W.V.	BIT	1078.00	13320 11422	4.60 0.80	15.90 7.80	28.362
			1973	KY	BIT	40.60	12421 11073	1.80 0.60	15.90 7.30	44.478
			1973	OHIO	BIT	1017.10	12445 10138	3.10 2.10	21.90 10.50	34.445
			1973	PENN	BIT	61.50	12469 11189	2.40 1.30	20.20 14.20	38.739
			1973	UTAH	BIT	12.00	12030 12030	0.50 0.48	9.70 9.70	113.525
			1973	VA	BIT	61.70	12038 10970	1.40 0.80	18.70 14.10	49.333
			1973	W.V.	BIT	2583.89	13446 10533	4.50 0.60	22.10 6.30	30.313
			1974	OHIO	BIT	880.60	11593 9692	4.90 1.00	24.50 15.30	66.873
			1974	PENN	BIT	209.80	12048 9990	3.70 1.20	25.70 15.50	85.664
			1974	VA	BIT	30.30	11430 9994	2.40 2.10	26.80 14.90	124.915
			1974	W.V.	BIT	1903.99	13623 10122	4.60 0.90	25.70 6.60	46.073
			1975	KY	BIT	157.30	11846 10916	2.86 0.70	18.60 10.40	96.482
			1975	OHIO	BIT	280.20	10353 9970	3.96 2.50	23.60 20.10	77.800
			1975	PENN	BIT	3.70	11960 11872	2.10 1.60	14.60 14.50	101.608
			1975	VA	BIT	76.60	12152 10883	2.00 0.80	19.30 12.80	142.957
			1975	W.V.	BIT	2565.69	12286 9723	4.60 0.80	28.80 11.40	56.840
			1976	KY	BIT	1038.70	12068 11049	2.30 0.77	17.60 10.00	105.178
			1976	OHIO	BIT	64.40	11326 10194	4.63 2.92	22.70 15.30	76.786
			1976	VA	BIT	38.00	13141 11162	1.36 0.96	16.70 7.50	115.226
			1976	W.V.	BIT	2789.29	12204 9712	4.58 0.85	28.80 9.90	67.808
			1977	KY	BIT	290.10	11431 11158	1.10 0.86	15.70 13.10	108.334
			1977	OHIO	BIT	580.50	11442 10186	3.83 2.64	23.10 15.80	74.515
			1977	PENN	BIT	142.10	12223 10284	2.94 1.96	20.30 13.50	85.002
			1977	W.V.	BIT	2581.20	12297 8976	4.52 1.10	30.60 12.00	109.413
			1978	KY	BIT	592.50	12073 10879	1.42 0.90	16.00 9.50	128.670
			1978	OHIO	BIT	59.30	11988 9725	3.97 1.17	25.00 12.70	103.911
			1978	PENN	BIT	85.40	12364 11042	4.17 1.74	20.40 10.90	106.238
			1978	VA	BIT	10.70	11820 11106	1.07 0.84	18.20 12.00	147.474
			1978	W.V.	BIT	2386.90	12613 9444	4.62 0.86	27.10 10.60	124.146
VIRGINIA ELECTRIC & POWER										
MOUNT STORM										
	MT. STORM	1662.48	1972	MD	BIT	142.00	12256 9481	2.30 0.80	26.40 9.90	36.307
			1972	VA	BIT	25.00	11986 11498	1.70 1.50	21.00 18.30	33.706
			1972	W.V.	BIT	1495.00	12456 10275	2.90 0.70	28.10 9.40	34.450
			1973	KY	BIT	9.00	11368 11368	1.30 1.30	20.50 20.50	34.100
			1973	MD	BIT	452.00	11881 9803	3.00 0.70	23.10 10.30	35.758
			1973	W.V.	BIT	2145.00	13495 9611	3.40 1.30	27.60 9.40	37.156
			1974	MD	BIT	228.00	11905 9614	3.20 0.90	23.90 13.60	90.345
			1974	W.V.	BIT	1537.00	11900 8437	3.50 0.50	35.20 16.20	55.057
			1975	MD	BIT	767.00	12183 9962	2.61 0.90	26.00 13.70	95.058
			1975	W.V.	BIT	2536.00	12791 10476	3.30 0.50	23.10 9.60	75.820
			1976	MD	BIT	1236.00	11856 10223	2.25 0.97	21.30 12.60	82.735
			1976	W.V.	BIT	2566.00	13179 10088	2.72 0.63	24.60 8.00	79.390
			1977	MD	BIT	1053.00	12306 9357	2.81 0.96	23.70 12.20	88.125
			1977	W.V.	BIT	2432.00	13184 10024	2.66 0.50	24.10 10.70	88.439
			1978	MD	BIT	900.00	12220 10078	2.51 0.83	22.60 12.70	102.074
			1978	W.V.	BIT	2094.00	13265 10420	2.52 0.60	23.80 10.70	118.909
WISCONSIN										
DAIRYLAND POWER COOPERATIVE										

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
ALMA	ALMA	187.75	1972	--	PC	7.29	14313 13921	5.20 4.70	2.60 0.30	35.920
			1972	ALA	BIT	6.26	9365 9365	1.70 1.70	19.90 19.90	61.900
			1972	ARK	BIT	3.74	12332 12332	2.40 2.40	13.80 13.80	44.600
			1972	ILL	BIT	153.57	11965 9204	4.60 1.20	20.30 6.50	49.811
			1972	KY	BIT	218.98	12593 9384	3.70 0.70	20.40 6.50	54.913
			1972	MINN	PC	5.92	14720 14720	5.50 5.50	0.80 0.80	34.700
			1972	MONT	SUB	45.34	8765 7756	1.60 1.10	15.20 12.90	70.699
			1973	--	PC	30.55	14962 12754	4.70 3.60	1.30 0.20	32.110
			1973	ARK	BIT	37.40	11216 9748	3.70 0.80	19.10 15.70	67.106
			1973	ILL	BIT	258.07	11966 9124	3.70 1.20	22.90 8.00	50.928
			1973	KY	BIT	197.04	11854 9719	4.20 2.80	23.10 9.50	50.409
			1973	WYO	SUB	11.98	9416 8644	1.60 1.50	6.80 6.70	54.116
			1974	--	PC	20.10	14276 13302	4.70 4.10	1.60 0.60	40.364
			1974	ILL	BIT	188.90	11288 8481	3.90 2.70	21.90 10.00	61.694
			1974	KY	BIT	199.30	11500 8890	4.60 2.60	19.70 11.20	63.582
			1974	MONT	SUB	28.90	8916 8310	1.10 0.60	10.90 8.10	61.837
			1974	WYO	SUB	192.70	9267 8519	1.00 0.50	6.90 5.40	67.237
			1975	--	PC	37.30	13157 11745	4.80 4.20	6.30 0.50	67.073
			1975	ILL	BIT	220.40	12237 7608	4.10 1.00	21.90 7.50	90.064
			1975	KY	BIT	179.50	12075 9488	4.40 2.50	23.40 8.20	99.280
			1975	MONT	SUB	106.80	8601 8490	0.90 0.70	10.50 9.10	87.072
			1975	WYO	SUB	101.00	9351 9084	1.20 0.80	7.20 6.10	89.725
			1976	ILL	BIT	141.00	11272 9887	4.20 3.11	13.30 9.80	98.586
			1976	KY	BIT	89.20	11654 8894	4.40 1.73	21.80 11.10	96.036
			1976	MONT	SUB	72.70	9011 8125	1.23 0.63	13.00 7.40	90.222
			1976	WYO	SUB	101.10	9499 9118	1.14 0.69	8.50 5.50	102.298
			1977	--	PC	5.20	13800 13600	4.50 4.35	2.20 2.00	69.299
			1977	ILL	BIT	157.60	11169 10310	3.88 3.08	13.40 10.40	107.460
			1977	IND	BIT	12.90	11607 11090	3.80 2.85	11.90 8.90	101.277
			1977	KY	BIT	94.80	10647 10406	3.79 2.18	17.00 12.50	112.259
			1977	MONT	SUB	198.50	8925 8383	1.12 0.95	10.90 8.80	92.019
			1978	--	PC	11.00	14200 14200	4.70 4.70	0.50 0.50	75.382
			1978	ILL	BIT	176.30	11478 10435	4.14 2.77	13.59 10.30	123.422
			1978	IND	BIT	64.70	11427 10746	4.69 3.21	15.60 10.36	122.012
			1978	KY	BIT	119.51	11330 9960	3.87 2.02	18.10 10.20	131.380
			1978	MONT	SUB	200.70	9069 8332	1.66 0.70	11.20 9.00	101.548
			1978	OHIO	BIT	4.50	11073 11073	3.41 3.41	16.29 16.29	112.900
			1978	OKLA	BIT	26.70	12354 11724	3.79 3.06	17.10 8.86	124.191
GENOA #3	GENOA	359.60	1972	--	PC	11.86	14436 14000	5.00 3.00	0.70 0.00	35.676
			1972	ALA	BIT	1.66	12593 12593	0.70 0.70	6.50 6.50	50.000
			1972	ILL	BIT	227.01	12918 9693	4.50 1.50	19.70 6.80	46.299
			1972	KY	BIT	313.92	11248 8795	6.00 3.30	20.00 10.10	60.160
			1972	MINN	PC	4.52	14313 14313	4.70 4.70	0.50 0.50	35.600
			1973	--	PC	56.28	15662 15655	5.00 3.00	0.60 0.20	33.260
			1973	ILL	BIT	336.38	12628 9380	3.80 2.30	16.90 4.00	53.210
			1973	KY	BIT	406.81	12756 8810	5.30 0.60	18.40 6.90	53.147
			1974	--	PC	36.00	14276 11560	4.90 2.70	4.90 0.60	41.198
			1974	ILL	BIT	185.40	11304 8481	4.00 2.70	21.90 10.10	60.976
			1974	IND	BIT	3.10	10897 10897	3.70 3.70	11.20 11.20	60.500
			1974	KY	BIT	369.50	11697 8890	4.70 2.60	18.20 11.20	61.676
			1974	MONT	SUB	22.90	8742 8310	1.10 0.60	10.90 8.50	63.140
			1974	WYO	SUB	174.40	9403 8881	0.80 0.50	6.90 5.40	69.730
			1975	--	PC	49.50	13574 12360	4.80 4.10	6.70 0.50	67.994
			1975	ILL	BIT	350.80	12237 7599	3.90 0.90	37.30 6.70	94.256

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
STONEMAN	CASSVILLE	51.75	1975	KY	BIT	407.20	11193	8657	4.60	2.40	27.20	13.30	107.631
			1975	MONT	SUB	149.70	8431	8063	1.00	0.80	21.50	10.50	90.547
			1975	TENN	BIT	0.50	11500	11500	3.50	3.50	10.00	10.00	90.400
			1975	WYO	SUB	199.20	9285	9019	0.80	0.50	6.40	5.70	93.982
			1976	ILL	BIT	227.80	11200	10161	3.65	3.09	12.50	9.80	99.933
			1976	KY	BIT	270.30	10963	8943	4.33	2.77	22.70	14.40	113.176
			1976	MONT	SUB	170.10	8740	7596	1.07	0.67	15.80	9.20	97.513
			1976	WYO	SUB	182.40	9324	9005	0.91	0.69	6.60	5.50	102.592
			1977	--	PC	11.10	13790	13700	4.44	4.40	2.50	1.90	71.696
			1977	ILL	BIT	236.60	11278	10466	4.06	3.30	12.80	10.20	106.714
			1977	IND	BIT	31.00	11607	10406	4.30	2.85	13.40	8.90	103.030
			1977	KY	BIT	230.00	11259	9343	4.94	2.40	19.60	13.40	119.991
			1977	MONT	SUB	234.20	8381	8163	1.08	0.82	11.60	11.10	99.399
			1978	--	PC	17.90	14200	14200	4.70	4.70	0.50	0.50	78.900
			1978	ILL	BIT	278.60	10994	10137	4.52	2.77	14.50	10.20	124.201
			1978	IND	BIT	179.60	11234	10532	4.82	3.44	16.87	11.90	122.652
			1978	KY	BIT	342.10	11253	9527	4.26	2.69	20.71	15.20	130.926
			1978	MONT	SUB	254.50	8450	8034	0.94	0.64	12.00	9.00	107.914
			1978	OHIO	BIT	29.40	10019	10019	3.73	3.73	17.50	17.50	124.700
			1978	OKLA	BIT	10.10	12172	11716	4.40	3.06	17.10	15.00	126.616
			1972	ARK	BIT	19.84	12373	9980	2.40	0.70	18.80	6.80	52.397
			1972	ILL	BIT	43.82	11509	9384	3.60	2.90	20.40	11.40	41.461
			1972	KY	BIT	4.19	11377	11377	3.60	3.60	12.40	12.40	48.100
			1972	OKLA	BIT	65.15	12284	10147	5.70	3.40	23.20	14.10	53.687
			1973	ILL	BIT	50.37	11427	10323	3.90	3.10	14.50	10.10	43.846
			1973	EY	BIT	32.66	11087	10671	3.80	2.60	16.40	13.00	41.773
			1974	ILL	BIT	110.60	11335	10582	3.90	3.10	12.30	10.60	60.247
			1974	KY	BIT	1.40	11011	11011	3.90	3.90	13.90	13.90	58.800
			1974	WYO	SUB	1.30	9319	9319	0.60	0.60	6.10	6.10	61.100
			1975	ILL	BIT	107.50	12288	10436	3.70	2.90	12.20	9.90	91.487
			1975	KY	BIT	1.50	10866	10866	3.60	3.60	16.00	16.00	98.700
			1976	ILL	BIT	68.70	11206	10504	3.84	3.11	13.60	11.00	97.998
			1976	KY	BIT	1.40	11406	11406	4.46	4.46	12.20	12.20	95.300
			1976	MONT	SUB	11.00	8715	8331	1.15	0.93	11.20	10.20	97.105
			1976	WYO	SUB	4.20	9204	9118	0.90	0.69	5.70	5.50	107.064
			1977	ILL	BIT	142.10	11214	10534	3.96	3.45	12.70	10.40	104.838
			1977	IND	BIT	2.90	11607	11607	2.85	2.85	8.90	8.90	96.800
			1977	KY	BIT	3.10	10708	10473	3.77	2.71	14.30	11.10	106.725
			1978	ILL	BIT	101.80	11434	10514	4.22	2.77	13.76	10.40	120.330
			1978	IND	BIT	6.50	11470	11272	3.86	3.33	14.60	12.10	119.910
			1978	KY	BIT	1.50	11074	11074	3.50	3.50	13.10	13.10	124.800
			1978	OKLA	BIT	5.40	12321	11222	3.65	3.52	17.10	14.40	125.391
LAKE SUPERIOR DIST POWER BAY FRONT	ASHLAND	82.20	1972	--	PC	17.68	14540	14200	4.50	3.60	0.90	0.40	41.941
			1972	W.V.	BIT	37.57	13146	12776	3.00	2.56	9.70	5.82	60.404
			1973	--	PC	7.40	14661	13851	4.17	3.53	3.49	0.52	41.715
			1973	KY	BIT	10.36	12399	11865	2.80	2.31	13.40	7.81	75.069
			1973	W.V.	BIT	40.91	12919	12335	2.96	2.08	8.78	7.22	61.454
			1974	--	PC	12.62	14382	13820	4.40	3.81	2.08	0.50	49.463
			1974	COLO	SUB	1.99	11700	11700	1.40	1.40	9.80	9.80	188.500
			1974	KY	BIT	19.07	12500	9455	3.92	0.60	20.13	7.20	95.095
			1974	KY	SUB	0.75	12000	10790	2.00	1.40	10.60	7.60	163.812
			1974	MONT	SUB	29.02	8773	8488	0.90	0.50	10.50	6.70	81.904

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1974	PENN	BIT	1.73	11820 11820	1.20 1.20	8.10 8.10	97.600
			1974	WYO	SUB	5.49	9700 8925	0.70 0.50	7.10 4.40	157.325
			1975	--	PC	10.16	14840 13480	4.00 3.80	1.90 0.70	106.228
			1975	KY	BIT	1.86	11420 10685	2.80 1.90	12.00 11.60	148.602
			1975	KY	SUB	1.16	11180 11020	2.80 1.90	12.10 10.20	144.344
			1975	MONT	SUB	46.20	8850 8490	1.10 0.80	9.60 8.00	92.147
			1975	PENN	BIT	4.49	11833 11500	1.80 1.10	11.20 8.20	98.937
			1975	W.V.	BIT	4.09	12300 11963	2.81 2.15	11.10 8.50	147.312
			1976	MONT	SUB	17.45	9205 8410	1.04 0.71	9.70 8.30	105.149
			1976	W.V.	BIT	21.48	12295 10495	3.75 1.62	11.30 8.96	152.453
			1977	MONT	BIT	1.07	8525 8525	0.85 0.85	11.46 11.46	114.300
			1977	MONT	SUB	33.30	8625 8340	1.39 0.71	10.80 8.44	116.546
			1977	W.V.	BIT	36.11	12120 11680	3.09 1.80	13.33 8.56	142.788
			1978	MONT	SUB	66.72	8710 8290	1.04 0.48	9.25 8.50	129.166
			1978	OHIO	BIT	0.25	11200 11200	2.08 2.08	10.10 10.10	161.600
			1978	W.V.	BIT	21.56	13000 12170	3.40 0.91	12.23 7.81	169.249
MADISON GAS & ELECTRIC BLOUNT	MADISON	195.50	1972	ILL	BIT	46.00	12670 11200	4.20 2.60	11.10 4.50	54.596
			1972	IND	BIT	25.80	11470 11144	3.90 2.40	9.00 8.40	55.146
			1972	KY	BIT	70.90	12700 11912	4.20 0.70	14.10 5.50	57.251
			1973	ILL	BIT	34.70	12670 11200	4.20 2.60	11.10 4.50	56.296
			1973	IND	BIT	19.60	11470 11144	3.90 2.40	8.80 8.40	56.890
			1973	KY	BIT	147.05	12670 10600	4.30 1.30	14.00 5.40	60.545
			1974	ILL	BIT	1.09	12670 10495	4.20 4.20	19.20 11.10	91.476
			1974	IND	BIT	1.80	11300 11300	2.40 2.40	8.40 8.40	65.817
			1974	KY	BIT	80.68	12185 11306	4.20 1.30	12.40 5.50	78.200
			1974	MONT	SUB	9.40	8360 8360	1.30 1.30	9.90 9.90	112.300
			1974	UTAH	BIT	2.80	12560 12560	0.60 0.60	5.70 5.70	146.400
			1975	ILL	BIT	6.70	12670 12525	4.20 3.66	11.10 8.77	116.208
			1975	KY	BIT	51.80	12065 11095	4.69 1.90	12.40 8.00	94.452
			1976	ILL	BIT	3.20	12525 12525	3.66 3.66	8.80 8.77	117.600
			1976	KY	BIT	113.30	12065 11095	4.69 3.11	12.40 5.58	105.404
			1976	MONT	SUB	3.00	8755 7967	0.97 0.71	8.90 7.80	85.028
			1977	ILL	BIT	62.90	12525 12525	3.66 3.66	8.80 8.80	124.416
			1977	KY	BIT	120.60	12065 11095	4.69 4.20	12.40 10.40	113.250
			1977	MONT	SUB	14.40	8701 8457	0.84 0.68	8.30 7.70	85.372
			1978	ILL	BIT	94.70	12525 12525	3.66 3.66	8.80 8.80	144.587
			1978	KY	BIT	37.40	12065 11345	4.20 3.20	12.40 9.10	118.886
			1978	MONT	SUB	60.50	8866 8732	0.73 0.53	7.90 6.60	90.196
			1978	OHIO	BIT	1.10	12398 12398	1.80 1.80	6.30 6.30	177.000
MANITOWOC PUBLIC UTILITIES MANITOWOC	MANITOWOC	69.00	1972	KY	BIT	66.10	12994 12125	1.30 0.88	11.86 9.90	60.000
			1973	KY	BIT	134.98	12830 12064	2.66 0.80	13.68 9.91	61.310
			1974	COLO	BIT	16.09	11411 9807	0.73 0.46	10.60 8.18	123.918
			1974	KY	BIT	121.77	12186 10569	4.03 0.71	22.70 10.20	105.168
			1975	COLO	BIT	20.24	10697 10529	0.84 0.67	10.67 10.21	153.979
			1975	ILL	BIT	0.65	11275 11275	4.03 4.03	15.30 15.30	139.000
			1975	IND	BIT	0.28	10783 10783	4.57 4.57	12.69 12.69	143.000
			1975	KY	BIT	118.34	13030 11271	4.03 0.81	16.47 9.56	142.547
			1975	OHIO	BIT	2.69	11398 11398	2.98 2.98	14.29 14.29	165.000
			1976	KY	BIT	140.08	12551 11860	1.20 0.89	11.26 8.62	127.692
			1977	KY	BIT	139.45	12459 11686	1.43 0.81	13.23 9.20	142.302

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1978	KY	BIT	65.45	11966 11701	1.33 1.00	12.67 10.65	167.961
			1978	W.V.	BIT	40.08	12156 11514	1.48 0.93	14.71 12.69	179.046
MARSHFIELD ELEC & WTR DEPT WILDWOOD	MARSHFIELD	41.50	1972	ILL	BIT	45.68	12500 12400	2.94 2.23	10.40 8.30	52.176
			1973	ILL	BIT	80.98	12399 12277	3.05 2.50	11.70 8.90	54.018
			1974	ILL	BIT	90.44	12399 10739	4.90 1.87	18.00 7.20	80.028
			1974	KAN	BIT	2.20	12950 11920	3.98 3.80	14.50 11.51	161.278
			1974	KY	BIT	7.31	12183 10429	4.50 2.30	19.30 14.90	106.834
			1974	MONT	BIT	0.40	8602 8602	1.02 1.02	10.93 10.93	121.720
			1975	ILL	BIT	80.09	12885 9932	4.73 1.96	21.61 7.31	124.803
			1975	IND	BIT	0.30	11608 11608	3.53 3.53	10.97 10.97	134.690
			1975	KY	BIT	8.57	13360 9150	3.90 0.62	22.15 4.67	133.725
			1975	MONT	BIT	2.30	8281 8281	1.02 0.94	10.93 10.92	128.850
			1975	W.V.	BIT	0.55	13000 13000	1.40 1.40	13.20 13.20	118.120
			1975	WYO	BIT	0.97	10121 9123	0.99 0.91	10.61 9.22	160.147
			1976	ILL	BIT	73.40	12585 12076	3.18 2.53	9.54 5.87	130.176
			1976	KY	BIT	18.60	12760 10789	3.75 3.06	14.59 6.45	133.510
			1977	ILL	BIT	70.00	12474 11859	3.67 2.22	10.17 7.11	136.201
			1977	KY	BIT	17.26	11757 10698	3.78 2.46	17.02 8.36	149.508
			1978	ILL	BIT	60.00	12452 11674	4.46 0.86	12.51 7.31	159.113
			1978	KY	BIT	2.00	10515 9720	4.09 3.00	19.45 15.58	192.384
			1978	MONT	BIT	1.40	8612 8612	2.35 0.86	12.51 7.25	164.579
MENASHA ELEC & WTR UTILITIES MENASHA	MENASHA	29.13	1972	ILL	BIT	24.57	12470 12337	2.15 1.80	7.67 7.10	54.173
			1972	KY	BIT	1.00	11680 11680	1.20 1.20	4.70 4.70	55.200
			1972	OHIO	BIT	0.37	12145 12145	2.60 2.60	7.80 7.80	62.000
			1973	ILL	BIT	54.85	12400 12340	2.20 1.72	8.50 7.10	58.178
			1973	OHIO	BIT	3.63	12650 12145	3.02 2.60	8.20 7.10	64.284
			1974	ILL	BIT	49.46	12712 11966	2.79 1.90	16.70 6.70	77.528
			1974	KY	BIT	7.56	12803 12295	3.00 2.30	16.40 6.40	167.820
			1974	MONT	BIT	0.40	10076 10076	1.00 1.00	8.40 8.40	107.300
			1974	OHIO	BIT	5.79	12153 11968	3.54 3.10	7.50 7.10	69.102
			1975	ILL	BIT	45.45	12870 12300	2.60 1.80	12.20 7.10	106.737
			1975	KY	BIT	3.67	12556 11636	3.50 0.87	9.30 6.30	149.737
			1975	OHIO	BIT	0.07	12145 12145	2.60 2.60	7.80 7.80	167.000
			1976	ILL	BIT	59.27	12870 12144	2.60 1.82	8.10 7.10	122.323
			1976	KY	BIT	3.04	12662 12662	1.70 1.70	11.02 11.02	138.000
			1976	OHIO	BIT	1.64	12662 12662	1.70 1.70	11.20 11.02	138.000
			1977	ILL	BIT	43.98	13059 12581	2.54 1.75	8.50 6.40	127.230
			1977	KY	BIT	10.58	13397 11622	2.08 0.99	12.80 6.30	146.987
			1978	ILL	BIT	26.55	12941 12038	2.28 1.76	8.90 6.70	145.157
			1978	KY	BIT	11.18	13627 12872	2.47 0.76	8.20 5.30	190.435
WISCONSIN ELECTRIC POWER OAK CREEK	OAK CREEK	1670.00	1972	ILL	BIT	915.99	12627 9667	3.60 1.10	19.20 5.80	41.746
			1972	IND	BIT	106.30	11797 10633	4.60 2.30	14.60 6.20	45.628
			1972	KY	BIT	493.79	12537 9359	4.20 2.40	28.10 7.30	41.481
			1972	WYO	BIT	64.00	10554 10154	6.80 0.70	8.30 5.70	53.436
			1973	ILL	BIT	1495.19	12515 10535	3.40 1.10	14.70 5.80	42.746
			1973	IND	BIT	58.80	11692 11158	3.90 2.20	11.50 6.80	47.272
			1973	KY	BIT	544.19	12530 10327	4.20 2.30	13.50 6.70	40.325
			1973	WYO	BIT	468.20	12553 10088	1.30 0.30	14.50 3.80	47.714

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1974	ILL	BIT	1272.09	12602 10021	4.20 1.10	19.10 6.20	50.313
			1974	IND	BIT	23.20	11735 11218	3.60 1.90	9.50 6.20	89.895
			1974	KY	BIT	460.09	12527 10325	4.40 1.90	15.00 7.90	47.201
			1974	WYO	BIT	972.59	11175 8385	0.80 0.30	13.50 5.00	58.884
			1974	WYO	SUB	80.70	8600 7933	0.50 0.20	8.60 4.70	108.766
			1975	ILL	BIT	1633.19	12540 10471	3.90 1.20	15.70 6.10	69.422
			1975	IND	BIT	187.20	11519 10728	4.00 2.90	12.30 7.70	97.827
			1975	KY	BIT	533.59	12452 10425	3.70 2.00	15.30 6.60	64.422
			1975	PENN	BIT	63.00	12338 11329	4.40 2.50	16.80 11.10	114.012
			1975	WYO	BIT	751.60	10843 9495	1.00 0.40	18.70 8.10	60.998
			1976	ILL	BIT	1353.59	11952 11185	2.30 1.30	9.30 6.00	72.709
			1976	IND	BIT	652.50	11547 10958	4.00 3.00	10.40 8.40	88.098
			1976	KY	BIT	533.40	11483 10755	3.50 3.00	14.30 10.00	69.185
			1976	WYO	BIT	682.30	10832 9672	5.00 0.40	15.20 8.30	67.224
			1977	ILL	BIT	1153.99	11990 11013	2.28 1.39	11.70 5.90	82.728
			1977	IND	BIT	525.00	11457 10900	3.86 2.85	10.40 8.10	92.064
			1977	KY	BIT	535.69	11735 10715	3.60 2.86	15.10 9.30	78.313
			1977	WYO	BIT	703.00	10990 9728	1.04 0.31	15.90 7.60	80.162
			1978	--	PC	42.80	14150 13783	4.81 4.03	1.90 0.20	79.099
			1978	ILL	BIT	986.79	12097 11177	3.08 1.34	9.80 6.40	111.500
			1978	IND	BIT	491.30	11513 10747	3.77 2.83	11.60 8.70	99.951
			1978	KY	BIT	388.50	11640 10737	4.26 2.77	15.90 10.00	95.517
			1978	UTAH	BIT	26.60	11168 11084	0.87 0.76	10.80 9.70	181.945
			1978	WYO	BIT	677.70	11017 9439	1.38 0.43	18.90 8.30	94.811
PORT WASHINGTON	PORT WASHINGTON	400.00	1972	ILL	BIT	38.40	12460 11137	3.20 1.10	11.50 6.40	48.452
			1972	IND	BIT	32.70	11788 10763	3.90 3.10	11.20 6.40	46.014
			1972	KY	BIT	65.00	12617 10300	4.40 2.60	17.10 7.40	46.864
			1972	PENN	BIT	292.60	13199 12604	3.70 2.80	11.30 8.80	45.474
			1973	ILL	BIT	262.90	12534 10935	3.60 1.70	11.90 6.30	50.435
			1973	IND	BIT	104.80	12163 10834	4.40 1.20	11.80 6.60	47.811
			1973	KY	BIT	226.00	12634 9635	4.30 2.00	14.50 5.70	48.189
			1973	PENN	BIT	112.70	13448 12270	3.80 2.60	11.70 9.30	48.870
			1974	ILL	BIT	127.50	12515 10470	4.00 1.30	18.00 7.50	70.891
			1974	IND	BIT	36.10	11645 11253	3.70 1.90	9.50 5.90	83.780
			1974	KY	BIT	139.70	12962 9207	4.70 2.00	22.60 6.40	88.658
			1974	PENN	BIT	217.10	12986 11182	3.30 2.50	12.60 9.10	101.022
			1975	ILL	BIT	201.40	12571 10200	4.00 1.20	15.00 6.70	114.360
			1975	IND	BIT	247.30	11541 10930	4.20 2.60	11.30 7.70	113.074
			1975	KY	BIT	129.60	12611 10930	4.60 2.00	16.00 6.20	115.406
			1975	OHIO	BIT	23.80	12071 11864	3.40 3.20	6.60 6.50	100.152
			1975	PENN	BIT	148.00	12762 11301	4.60 0.70	15.60 9.40	105.868
			1976	ILL	BIT	71.50	12478 11620	3.60 1.80	12.40 6.70	104.470
			1976	IND	BIT	177.20	11572 11162	3.80 2.90	9.70 7.80	93.221
			1976	KY	BIT	256.40	12355 11021	5.40 0.70	16.70 7.30	106.535
			1976	OHIO	BIT	66.50	12272 11860	3.80 3.20	7.80 6.30	106.272
			1976	PENN	BIT	100.30	12632 11572	3.70 2.70	12.70 8.70	105.954
			1977	ILL	BIT	70.90	12271 9994	3.68 1.19	11.60 6.90	111.765
			1977	IND	BIT	41.00	11378 10139	4.51 1.10	16.60 9.00	111.413
			1977	KY	BIT	145.70	12084 10464	6.11 2.86	17.90 7.80	113.634
			1977	OHIO	BIT	37.30	12180 11711	3.53 2.97	7.70 6.20	102.200
			1977	PENN	BIT	80.40	12845 11825	3.90 1.12	15.40 9.80	106.675
			1978	ILL	BIT	12.10	11069 10902	3.03 2.82	9.80 9.70	130.100
			1978	IND	BIT	2.00	11031 11010	1.38 1.09	8.40 8.30	136.270
			1978	KY	BIT	20.30	11799 11111	5.54 3.77	13.40 9.80	125.964

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
FORN 423 FLT # 0600 VALLEY	-- MILWAUKEE	269.67	1978	OHIO	BIT	140.10	12172 11508	3.53 2.56	7.80 5.50	129.230
			1978	PENN	BIT	513.00	12764 11654	4.92 2.14	14.70 7.90	123.902
			1973	ILL	BIT	108.90	12530 11058	2.20 1.60	12.90 7.20	42.908
			1973	WYO	BIT	11.40	11010 11010	0.40 0.40	7.70 7.70	47.800
			1972	--	PC	1.40	13876 13876	3.80 3.80	1.40 1.40	37.500
			1972	ILL	BIT	215.10	12624 10251	3.80 0.80	14.60 5.40	49.490
			1972	IND	BIT	98.70	12220 10669	4.60 1.10	14.50 8.40	47.307
			1972	KY	BIT	157.30	12617 10672	4.40 2.10	18.20 6.70	47.080
			1973	ILL	BIT	338.00	12545 10935	3.40 1.60	12.00 6.90	52.827
			1973	IND	BIT	108.20	11939 10779	4.30 1.90	12.00 6.60	49.102
			1973	KY	BIT	305.50	12530 9635	4.30 2.00	14.80 5.30	49.005
			1974	ILL	BIT	356.50	12602 10383	4.00 1.10	14.30 7.30	73.977
			1974	IND	BIT	40.30	11654 10882	3.70 1.90	12.60 5.90	85.675
			1974	KY	BIT	196.90	12376 9647	4.60 2.40	22.70 6.90	92.889
			1974	WYO	BIT	19.00	8582 8385	0.50 0.40	5.50 4.90	109.379
			1975	ILL	BIT	349.20	12624 10200	3.80 1.20	15.00 6.70	97.380
			1975	IND	BIT	163.50	12670 11065	4.20 2.60	10.60 7.70	115.723
			1975	KY	BIT	99.40	12453 11020	4.60 2.20	14.40 5.70	108.649
			1976	ILL	BIT	348.40	12403 11486	3.50 1.82	12.40 6.70	105.669
			1976	IND	BIT	73.80	11730 11162	4.00 2.90	9.90 7.80	96.700
			1976	KY	BIT	216.30	12504 10463	7.10 2.60	18.60 7.80	109.149
			1977	ILL	BIT	115.10	11817 9994	3.71 1.23	11.60 6.90	112.700
			1977	IND	BIT	97.30	11696 10139	4.46 1.00	16.50 7.60	114.575
			1977	KY	BIT	483.10	12227 10464	6.83 2.89	16.20 7.50	114.216
			1978	--	PC	18.90	14481 13893	5.30 4.06	1.60 0.00	72.576
			1978	ILL	BIT	156.10	11153 10821	3.26 2.66	10.50 9.30	134.237
			1978	IND	BIT	45.90	11152 10936	1.38 1.04	8.70 6.90	138.049
			1978	KY	BIT	531.09	12152 10082	7.55 2.88	20.90 7.40	127.999
WISCONSIN POWER & LIGHT BLACKHAWK	BELOIT	50.00	1972	ILL	BIT	5.63	11147 10990	3.80 2.40	9.80 6.40	51.879
			1972	IND	BIT	3.16	11349 10479	4.20 2.90	12.50 9.40	53.243
			1973	ILL	BIT	27.65	11531 10603	3.90 2.00	18.70 6.30	55.921
			1973	IND	BIT	3.72	11021 10642	3.70 2.10	12.50 9.90	52.512
			1973	KY	BIT	0.49	12101 12012	3.10 3.10	12.80 12.30	60.315
			1974	ILL	BIT	23.25	11564 10437	3.90 1.80	17.50 9.20	71.718
			1974	KY	BIT	1.71	11848 10688	3.60 2.20	12.20 6.90	74.440
			1975	ILL	BIT	26.13	11053 10596	3.18 1.40	13.80 9.90	117.118
			1975	KY	BIT	3.28	11378 11175	4.65 3.70	10.40 10.00	86.222
			1976	ILL	BIT	19.23	10900 10514	3.54 2.38	14.40 10.60	127.633
			1976	KY	BIT	0.63	10111 10111	3.97 3.97	12.80 12.80	101.800
			1977	ILL	BIT	69.31	11328 10139	3.49 2.15	18.80 9.80	132.311
			1977	KY	BIT	10.63	11937 10658	3.32 2.30	19.50 8.30	127.857
			1977	MONT	SUB	2.19	8683 8621	0.84 0.69	7.90 7.83	91.457
			1978	ILL	BIT	37.03	11047 9484	3.11 1.78	19.20 8.60	151.682
			1978	MONT	SUB	2.52	8851 8297	0.80 0.63	9.10 7.40	100.124
	COLUMBIA	1112.00	1974	MONT	SUB	186.71	8629 8364	0.47 0.40	8.60 7.90	49.267
			1975	MONT	SUB	1744.86	8779 8412	0.83 0.46	8.70 7.30	53.429
			1976	MONT	SUB	1867.46	8866 8442	0.88 0.57	9.60 7.40	60.082
			1977	MONT	SUB	1881.42	8701 8387	0.84 0.68	11.50 7.70	65.644
	EDGEWATER	477.00	1978	MONT	SUB	1674.73	8972 8690	0.74 0.50	8.20 6.40	71.156
			1978	WYO	SUB	1221.82	8778 8321	0.55 0.15	5.90 2.70	111.813
			1972	ILL	BIT	460.87	12107 10654	4.00 1.40	12.90 5.40	37.319
			1972	IND	BIT	179.05	11934 10166	4.50 2.00	16.30 7.00	53.646

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
NELSON DEWEY	CASSVILLE	227.20	1972	KY	BIT	2.18	12655	12655	2.00	2.00	5.40	5.40	48.800
			1973	ILL	BIT	781.21	12193	10465	3.90	1.50	16.60	5.90	45.387
			1973	IND	BIT	508.69	11669	10021	5.10	1.20	12.90	7.00	52.093
			1973	KY	BIT	10.66	11594	11276	4.60	0.40	10.30	6.60	62.819
			1974	ILL	BIT	847.64	12193	9664	4.40	1.80	19.90	7.00	57.712
			1974	IND	BIT	111.56	11663	10285	3.30	1.80	14.40	6.80	69.474
			1974	KY	BIT	126.44	12184	10554	6.10	2.50	16.70	5.80	101.496
			1974	MONT	SUB	137.61	8934	8328	1.60	0.58	9.10	7.90	92.434
			1974	PENN	BIT	3.30	11196	11196	1.60	1.60	13.60	13.60	100.000
			1975	ILL	BIT	866.97	11719	10447	4.90	1.44	13.50	6.80	78.753
			1975	IND	BIT	108.68	11873	11133	5.20	3.53	12.10	9.20	98.501
			1975	KY	BIT	36.02	11545	11381	5.10	3.90	11.40	9.00	78.205
			1976	ILL	BIT	976.20	11376	10343	3.16	1.76	12.40	8.90	90.992
			1976	IND	BIT	45.39	11496	11198	4.64	2.32	11.46	9.30	104.474
			1976	KY	BIT	62.33	12346	11426	5.02	3.52	10.60	7.60	105.448
			1977	ILL	BIT	982.24	11492	10247	4.00	1.62	11.90	8.60	100.464
			1977	KY	BIT	3.03	10358	10358	2.40	2.40	17.30	17.30	143.400
			1977	MONT	SUB	2.50	8463	8463	0.36	0.36	10.90	10.90	100.000
			1978	ILL	BIT	872.95	11692	10146	4.00	1.49	15.70	7.30	126.252
			1978	MONT	SUB	50.71	8866	8327	0.71	0.16	8.20	6.60	100.888
			1972	ILL	BIT	392.12	11015	10493	4.40	3.30	14.10	10.20	38.835
			1973	--	PC	3.18	14000	14000	4.00	4.00	0.00	0.00	40.000
			1973	ILL	BIT	438.64	11192	10142	4.30	2.90	18.70	9.70	42.710
			1973	IND	BIT	15.19	10996	10530	4.40	2.60	13.90	9.00	49.754
			1973	KY	BIT	66.75	12160	10095	5.90	3.80	17.30	6.30	55.773
			1973	MONT	BIT	17.15	8825	8825	0.30	0.30	6.50	6.50	58.400
			1973	WYO	BIT	2.56	9281	9281	0.20	0.20	4.90	4.90	61.800
			1974	ILL	BIT	540.47	12488	10353	5.30	3.20	19.30	9.50	73.373
			1974	IND	BIT	10.57	10851	9902	4.50	3.80	13.50	10.50	122.908
			1974	KY	BIT	39.27	11000	10630	4.90	3.40	21.20	10.30	71.664
			1975	ILL	BIT	577.29	11903	10261	5.60	3.40	16.70	9.50	92.802
			1976	--	PC	6.81	14000	9333	4.00	1.31	7.90	0.00	81.929
			1976	ILL	BIT	355.14	11216	10521	5.34	4.53	12.20	9.66	97.687
			1976	MONT	BIT	67.21	9333	8856	1.31	0.45	8.00	7.80	88.115
			1976	MONT	SUB	102.26	8968	8471	0.84	0.32	9.31	6.79	85.570
			1977	--	PC	18.21	14609	14000	5.60	4.00	0.33	0.00	72.789
			1977	ILL	BIT	357.51	11374	10578	5.47	4.00	13.50	8.20	101.291
			1977	MONT	BIT	52.84	8530	8374	0.84	0.32	9.90	8.50	89.700
			1977	MONT	SUB	82.85	8537	8245	0.84	0.24	12.30	9.10	90.532
			1978	--	PC	25.30	14539	14200	6.80	4.70	0.00	0.00	69.436
			1978	ILL	BIT	364.67	11951	10076	6.18	4.40	17.90	8.45	124.255
			1978	MONT	SUB	115.21	8639	8400	0.70	0.24	10.90	8.20	99.298
ROCK RIVER	BELOIT	150.00	1972	ILL	BIT	134.58	11160	10619	3.80	2.40	13.00	6.10	51.423
			1972	IND	BIT	82.06	11488	10479	4.20	2.50	12.50	7.70	52.164
			1972	KY	BIT	3.04	11812	11812	4.00	4.00	13.60	13.60	57.500
			1973	ILL	BIT	251.10	12653	10424	4.20	2.00	18.70	5.90	54.422
			1973	IND	BIT	113.28	11388	10223	4.70	2.10	12.90	9.20	52.650
			1973	KY	BIT	40.19	12309	10963	4.30	2.30	12.80	5.60	58.491
			1974	ILL	BIT	279.58	11564	9974	4.40	1.60	18.00	9.90	90.213
			1974	IND	BIT	14.77	11334	10463	3.60	1.90	17.10	10.30	63.837
			1974	KY	BIT	95.44	12184	10085	5.80	2.20	22.40	5.80	83.026
			1975	ILL	BIT	215.18	11466	10596	3.31	1.40	13.80	3.60	116.001
			1975	KY	BIT	80.03	11601	10809	4.65	2.40	10.80	8.00	82.052
			1976	ILL	BIT	264.87	10900	10071	3.54	2.27	14.60	9.10	121.405

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1976	KY	BIT	1.45	10111 10111	3.97 3.97	12.80 12.80	98.100
			1977	ILL	BIT	268.20	11328 10139	4.53 2.15	18.80 9.80	129.732
			1977	KY	BIT	57.73	11937 10658	3.32 2.30	17.90 8.30	127.825
			1977	MONT	SUB	14.90	8701 8595	0.76 0.68	8.10 7.70	91.203
			1978	ILL	BIT	159.78	11047 8740	4.08 1.78	26.60 8.60	150.388
			1978	KY	BIT	0.90	10779 10779	3.15 3.15	8.50 8.50	135.800
			1978	MONT	SUB	8.62	8866 8297	0.80 0.53	9.07 6.60	98.387
WISCONSIN PUBLIC SERVICE CORP PULLIAM	GREEN BAY	392.50	1972	--	PC	8.25	14078 14078	3.90 3.90	0.30 0.30	37.600
			1972	ILL	BIT	95.33	11902 10914	3.40 1.10	11.80 6.80	49.749
			1972	IND	BIT	82.39	11559 10355	3.10 2.10	13.90 8.90	49.962
			1972	KY	BIT	409.24	14305 11377	4.00 0.20	14.60 4.10	51.829
			1972	PENN	BIT	248.96	13121 11851	4.30 2.40	14.00 9.10	48.938
			1972	W.V.	BIT	15.67	12958 11963	0.70 0.60	13.50 6.10	52.555
			1973	--	PC	40.60	15369 14301	5.00 1.20	0.60 0.20	39.599
			1973	ILL	BIT	75.50	11780 11044	3.10 1.80	10.60 6.50	53.122
			1973	IND	BIT	120.30	11549 10887	3.30 1.40	9.80 8.20	54.200
			1973	KY	BIT	318.40	12553 11097	4.50 0.90	17.70 6.70	57.053
			1973	PENN	BIT	367.80	13066 11337	4.10 2.00	18.90 9.00	51.992
			1974	--	PC	25.70	14335 14068	4.80 4.20	0.90 0.50	44.520
			1974	KY	BIT	404.50	14070 10185	6.60 1.10	21.00 6.90	84.510
			1974	MONT	BIT	61.90	8584 8300	1.30 0.60	11.10 9.90	109.256
			1974	PENN	BIT	453.80	12667 10623	3.70 0.60	19.70 6.20	129.377
			1975	IND	BIT	54.70	11812 11522	4.00 2.10	9.50 7.60	94.996
			1975	KY	BIT	365.10	13025 11214	4.80 2.80	11.60 5.40	89.039
			1975	MONT	BIT	104.70	8549 8544	0.70 0.70	10.50 10.30	117.895
			1975	PENN	BIT	356.90	12833 10939	3.00 2.20	20.30 9.20	128.125
			1976	ILL	BIT	25.10	14344 13852	4.17 0.40	4.49 3.40	84.594
			1976	KY	BIT	202.30	12621 11076	4.79 1.32	15.20 7.00	89.843
			1976	MONT	BIT	90.80	8745 8681	0.76 0.59	10.10 9.10	136.777
			1976	PENN	BIT	505.40	13536 10977	5.84 0.90	17.00 7.70	109.687
			1977	--	PC	55.70	15380 14150	4.25 4.16	0.04 0.04	70.600
			1977	KY	BIT	184.20	12200 12000	4.44 4.04	14.00 12.10	108.060
			1977	MONT	BIT	67.50	8450 8450	0.83 0.83	9.00 9.00	144.064
			1977	PENN	BIT	489.50	13261 11500	3.75 1.80	14.00 9.00	117.559
			1978	--	PC	41.40	14000 14000	4.50 4.50	0.50 0.50	59.500
			1978	KY	BIT	213.50	12000 12000	4.44 4.04	14.00 12.10	121.842
			1978	MONT	BIT	57.30	8486 8450	0.91 0.83	13.50 9.00	149.156
			1978	PENN	BIT	474.70	12900 11911	4.00 1.85	14.80 9.00	132.789
WESTON	ROTHSCHILD	135.00	1972	--	PC	30.22	14173 13541	5.00 4.30	11.10 0.04	41.895
			1972	ILL	BIT	95.60	12494 11147	4.00 1.70	12.70 7.20	54.488
			1972	IND	BIT	14.20	11388 10728	3.10 2.70	12.50 8.40	54.255
			1972	KY	BIT	32.60	11840 11350	3.70 2.10	13.80 11.30	55.555
			1972	MINN	PC	3.25	14211 14211	4.60 4.60	0.40 0.40	43.700
			1973	--	PC	17.40	14582 13693	4.70 4.10	1.30 0.20	45.373
			1973	ILL	BIT	226.22	12435 10349	3.90 0.90	14.60 7.30	57.842
			1973	IND	BIT	40.14	11797 10266	3.50 1.90	15.50 6.20	56.810
			1973	KY	BIT	37.00	11561 9705	4.40 2.00	19.50 8.20	60.416
			1974	--	PC	3.60	14200 12488	4.50 3.80	3.80 0.30	61.719
			1974	ILL	BIT	150.00	12434 10287	5.30 1.80	20.10 7.20	82.255
			1974	IND	BIT	58.20	11755 10995	3.90 1.80	10.70 6.00	89.008
			1974	KY	BIT	98.00	12114 7701	4.30 1.40	39.40 7.00	134.255
			1974	MONT	BIT	5.40	8460 8346	1.50 0.80	16.30 7.90	111.422

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU MAX MIN	SULPHUR CONTENT % MAX MIN	ASH CONTENT % MAX MIN	PRICE \$/MBTU
			1975	ILL	BIT	175.90	12574 9845	5.60 2.00	18.90 7.40	129.525
			1975	IND	BIT	22.60	11689 10659	3.60 1.64	12.00 5.40	122.190
			1975	KY	BIT	52.00	12236 10286	5.10 1.30	19.00 4.00	143.366
			1975	MONT	BIT	6.60	8544 8503	1.30 0.82	8.20 8.00	99.526
			1976	--	PC	6.80	14406 14044	4.54 4.33	1.50 0.30	92.430
			1976	ILL	BIT	142.50	14320 9796	3.46 0.50	13.60 4.52	139.665
			1976	IND	BIT	0.50	11906 11906	3.28 3.28	9.10 9.10	113.100
			1976	KY	BIT	75.70	12315 10608	5.47 1.53	13.90 10.20	116.872
			1976	MONT	BIT	17.90	9133 8187	1.07 0.82	13.50 8.10	85.906
			1977	--	PC	10.00	14452 14389	3.71 3.71	0.80 0.40	88.952
			1977	ILL	BIT	154.60	11904 10047	3.74 2.48	16.50 9.50	138.835
			1977	IND	BIT	1.70	11305 10958	3.10 1.21	8.50 8.50	124.428
			1977	KY	BIT	143.60	12156 10396	5.93 2.45	18.20 8.90	120.913
			1977	MONT	BIT	6.40	8679 8486	1.04 0.80	9.10 7.80	92.088
			1977	OKLA	BIT	2.80	11820 11140	6.33 2.31	14.60 11.60	153.189
			1978	--	PC	4.90	14049 13788	4.49 4.39	0.90 0.70	91.729
			1978	ILL	BIT	122.00	11567 10171	5.63 2.59	19.90 9.00	151.576
			1978	IND	BIT	62.80	11235 10950	3.32 1.55	9.50 8.60	144.664
			1978	KY	BIT	93.80	11967 10370	5.35 1.92	18.70 8.00	147.589
			1978	MONT	BIT	2.80	8381 8381	0.72 0.72	6.70 6.70	102.600
WYOMING										

BLACK HILLS POWER & LIGHT NEIL SIMPSON	WYODAK	28.26	1974	WYO	SUB	31.97	8090 7648	0.37 0.37	6.50 6.40	11.702
			1975	WYO	SUB	194.82	8210 7625	0.43 0.40	6.70 5.56	12.352
			1976	WYO	SUB	152.46	8309 8010	0.43 0.43	8.00 5.10	16.037
			1977	WYO	SUB	149.04	8279 7715	0.43 0.43	6.80 4.40	20.281
			1978	N.D.	SUB	0.73	8089 8089	0.43 0.43	5.90 5.90	26.900
			1978	WYO	SUB	89.50	8191 7837	0.43 0.43	6.30 4.00	27.293
OSAGE	OSAGE	34.50	1972	WYO	SUB	108.43	8056 7924	0.37 0.37	5.20 5.20	18.747
			1973	WYO	SUB	235.15	8354 7802	0.37 0.37	8.20 5.10	20.120
			1974	WYO	SUB	241.37	8095 7648	0.37 0.37	8.50 5.08	21.951
			1975	WYO	SUB	240.55	8210 7625	0.43 0.40	6.70 5.56	23.719
			1976	WYO	SUB	240.92	8309 8010	0.43 0.43	8.00 5.10	27.275
			1977	WYO	SUB	234.15	8279 7715	0.43 0.43	6.80 4.40	32.762
			1978	N.D.	SUB	20.99	8089 8089	0.43 0.43	5.90 5.90	39.700
			1978	WYO	SUB	218.81	8191 7837	0.43 0.43	6.30 4.00	39.475
PACIFIC POWER & LIGHT JIM BRIDGER	ROCK SPRINGS	1525.67	1974	WYO	SUB	380.00	9323 8970	0.60 0.50	12.00 10.90	22.313
			1975	WYO	SUB	1863.00	9649 8978	0.70 0.56	11.60 8.50	24.722
			1976	WYO	SUB	3432.00	9588 8963	0.68 0.56	12.10 9.20	27.099
			1977	WYO	SUB	4930.00	9761 8921	0.60 0.53	14.30 10.00	31.239
			1978	WYO	SUB	4540.00	9576 8515	0.58 0.48	14.00 10.60	35.153
JOHNSTON	GLENROCK	750.31	1972	WYO	SUB	1599.60	7619 7322	0.70 0.50	13.50 10.10	11.418
			1973	WYO	SUB	2897.40	7629 6954	0.80 0.50	15.60 8.60	11.813
			1974	WYO	SUB	2702.60	7765 7093	0.90 0.50	15.90 9.90	12.699
			1975	WYO	SUB	3218.00	7712 6701	0.60 0.45	18.80 10.00	16.777
			1976	WYO	SUB	2716.00	7836 7117	0.49 0.41	17.00 8.40	20.838
			1977	WYO	SUB	3238.00	7784 7012	0.50 0.43	17.60 9.60	19.812
			1978	WYO	SUB	3360.00	7939 7463	0.52 0.40	11.50 7.50	25.712
FORM 423 PLT # 2700	--	-	1978	WYO	SUB	452.00	8019 7851	0.62 0.30	6.70 5.50	27.866

TABLE 3.4 CONTD.

COAL DELIVERED TO UTILITIES, 1972-1978

STATE UTILITY PLANT	PLANT LOCATION	STEAM GEN CAP MW	YEAR	COAL SOURCE	COAL TYPE	COAL DELIVERED 1000 TONS	HEATING VALUE BTU		SULPHUR CONTENT %		ASH CONTENT %		PRICE \$/MBTU
							MAX	MIN	MAX	MIN	MAX	MIN	
UTAH POWER & LIGHT NAUGHTON	KENNEREN	707.20	1972	WYO	SUB	1166.00	9600	9328	0.50	0.50	5.10	3.70	24.971
			1973	WYO	SUB	2327.00	9628	9397	0.50	0.50	5.40	4.20	26.956
			1974	WYO	SUB	2436.00	9703	9530	0.50	0.50	5.40	4.40	28.352
			1975	WYO	SUB	1719.00	9838	9582	0.50	0.50	5.60	3.40	36.620
			1976	UTAH	SUB	748.00	9752	9558	0.50	0.50	6.70	5.40	42.137
			1976	WYO	SUB	1170.00	9690	9419	0.50	0.50	5.70	4.90	41.391
			1977	WYO	SUB	2730.00	9755	9347	0.57	0.50	9.30	5.70	55.143
			1978	WYO	SUB	2340.00	9837	9527	0.81	0.35	12.60	4.40	58.274
FORM 423 PLT # 2100	--	-	1973	WYO	SUB	210.00	9499	9499	0.50	0.50	4.40	4.40	26.700

Table 4.1. Utility Generating Capacity Additions and Corresponding
Coal Requirements by Consuming State, 1979-1997

State	Plants Under Construction			Plants in Planning Stage			Total		
	Number of Plants	Capacity (MW)	Coal Required (10 ³ tons/yr)	Number of Plants	Capacity (MW)	Coal Required (10 ³ tons/yr)	Number of Plants	Capacity (MW)	Coal Required (10 ³ tons/yr)
Alabama	5	2,406	5,885	4	2,749	6,760	9	5,155	12,645
Alaska	-	---	---	1	115	305	1	115	305
Arizona	7	2,126	6,448	1	350	1,020	8	2,476	7,448
Arkansas	2	1,400	5,098	2	1,400	5,098	4	2,800	10,196
California	-	---	---	2	1,600	3,884	2	1,600	3,884
Colorado	5	1,670	5,043	13	7,080	20,740	18	8,750	25,783
Delaware	1	400	928	-	---	---	1	400	928
Florida	3	938	1,902	11	7,025	18,570	14	7,963	20,472
Georgia	4	3,280	7,660	4	2,650	6,439	8	5,930	14,099
Illinois	1	550	1,525	8	3,480	9,377	9	4,030	10,902
Indiana	8	4,792	14,445	9	4,699	13,495	17	9,491	27,940
Iowa	3	1,901	6,368	3	765	2,382	6	2,666	8,750
Kansas	4	2,275	8,244	2	580	2,079	6	2,855	10,323
Kentucky	5	1,515	5,443	14	7,500	20,038	19	9,015	25,481
Louisiana	4	2,110	7,152	9	4,745	16,193	13	6,855	23,345
Maine	-	---	---	1	568	1,379	1	568	1,379
Maryland	1	800	1,864	1	400	930	2	1,200	2,794
Michigan	2	871	2,177	9	1,838	5,067	11	2,709	7,244
Minnesota	1	500	1,713	4	2,900	9,689	5	3,400	11,402
Mississippi	1	503	1,220	3	1,903	5,750	4	2,406	6,970
Missouri	2	1,260	4,046	4	1,347	4,219	6	2,607	8,265
Montana	2	1,400	4,798	-	---	---	2	1,400	4,798
Nebraska	5	1,997	6,877	1	600	2,032	6	2,597	8,909
Nevada	-	---	---	6	2,500	6,334	6	2,500	6,334
New Jersey	-	---	---	2	1,100	2,802	2	1,100	2,802
New Mexico	2	940	3,129	2	769	2,532	4	1,709	5,661
New York	1	700	1,699	2	1,700	4,812	3	2,400	6,514
N. Carolina	1	720	1,705	2	1,440	3,410	3	2,160	5,115
N. Dakota	4	1,806	8,296	4	1,826	7,992	8	3,632	16,288
Ohio	4	1,950	4,898	2	975	2,513	6	2,925	7,411
Oklahoma	4	1,930	6,564	10	4,781	16,808	14	6,711	23,372
Oregon	1	530	1,930	-	---	---	1	530	1,930
Pennsylvania	1	825	2,045	8	5,195	12,340	9	6,020	14,385
S. Carolina	2	560	1,360	6	2,800	6,698	8	3,360	8,058
Texas	16	8,833	34,440	10	5,816	24,184	26	14,649	58,624
Utah	2	800	1,926	11	5,700	14,999	13	6,500	16,925
Virginia	-	---	---	1	840	2,039	1	840	2,039
W. Virginia	3	2,552	6,006	-	---	---	3	2,552	6,006
Wisconsin	3	1,510	5,076	4	1,400	4,709	7	2,910	9,785
Wyoming	4	2,008	6,935	1	300	1,028	5	2,308	7,963
Total	114	58,358	184,845	177	91,436	268,646	291	149,794	453,491

Table 4.2. Contracts Status of Expected Coal Requirements and Comparison
of Those Requirements to 1978 Consumption

State	Coal Consumption in 1978 (10 ³ Tons/Year) (1)	Incremental Annual Coal Requirements by 1992				
		Under Contract (10 ³ Tons/Year) (2)	% Increase (2)/(1) (3)	Not Under Contract (10 ³ Tons/Year) (4)	Total (2)+(4) (5)	% Increase (5)/(1) (6)
Alabama	17,641	5,885	33.36	6,760	12,645	71.68
Alaska	0	0	0	305	305	999.99
Arizona	7,760	5,988	77.17	1,530	7,518	96.88
Arkansas	1,471	10,196	693.13	0	10,196	693.13
Colorado	3,552	7,263	84.93	18,520	25,783	301.49
Delaware	814	928	114.01	0	928	114.01
Florida	7,309	570	7.80	19,882	20,452	279.82
Georgia	17,017	7,660	45.01	6,439	14,099	82.85
Illinois	33,115	1,996	6.03	8,906	10,902	32.92
Indiana	30,533	12,517	40.99	15,423	27,940	91.15
Iowa	8,770	4,273	48.72	4,477	8,750	99.77
Kansas	8,137	10,323	126.86	0	10,323	126.86
Kentucky	24,144	9,492	39.31	15,982	25,474	105.51
Louisiana	0	17,922	999.99	5,423	23,345	999.99
Maine	0	0	0	1,379	1,379	999.99
Maryland	4,474	0	0	2,794	2,794	62.45
Michigan	20,187	3,900	19.32	3,344	7,244	35.88
Minnesota	11,721	1,713	14.62	9,689	11,402	97.28
Mississippi	1,747	2,440	139.67	4,530	6,970	398.97
Missouri	20,706	7,254	35.23	971	8,265	399.16
Montana	3,331	4,798	144.04	0	4,798	144.04
Nebraska	2,728	6,158	225.73	2,751	8,909	326.58
Nevada	3,695	6,334	171.42	0	6,334	171.42
New Hampshire	760	0	0	0	0	0

Table 4.2. (Cont'd)

State	Coal Consumption in 1977 (10 ³ Tons/Year) (1)	Incremental Annual Coal Requirements by 1992				
		Under Contract (10 ³ Tons/Year) (2)	% Increase (2)/(1) (3)	Not Under Contract (10 ³ Tons/Year) (4)	Total (2)+(4) (5)	% Increase (5)/(1) (6)
New Jersey	2,005	0	999.99	2,802	2,802	139.75
New Mexico	8,289	4,700	56.70	961	5,661	68.30
New York	5,955	0	999.99	6,514	6,514	109.39
N. Carolina	19,279	5,115	26.53	0	5,115	26.53
N. Dakota	8,474	8,296	97.90	7,992	16,288	192.21
Ohio	46,530	2,912	6.26	4,499	7,411	15.93
Oklahoma	2,065	16,268	787.80	7,104	23,372	1,131.82
Oregon	0	0	0	1,930	1,930	999.99
Pennsylvania	33,925	0	0	14,385	14,385	42.40
South Carolina	6,662	1,360	20.42	6,698	8,058	120.96
South Dakota	3,091	0	0	0	0	0
Tennessee	21,220	0	0	0	0	0
Texas	24,405	47,469	194.51	11,155	58,624	240.21
Utah	2,754	10,217	370.99	10,592	20,809	755.59
Virginia	4,046	0	0	2,039	2,039	50.40
Washington	4,800	0	0	0	0	0
West Virginia	26,004	0	0	6,006	6,006	23.10
Wisconsin	11,979	6,148	51.33	3,637	9,785	81.69
Wyoming	11,022	7,963	72.25	0	7,963	72.25
TOTAL	477,177	238,098	49.90	215,419	453,517	95.04

Table 4.3. Expected Coal Consumption by New Electric Utility Plants, 1979-1992

Utility	Plant Name	Plant		Plant Location		Initial Operation Year	Source of Coal			Mode of Tran.	Quality of Coal			Coal Contr. Year	Mine Month	Estimated Coal Rqmt. (10 ³ t/yr)	
		Status	Cap. MW	County	City		State	County	Type of Mining		Type	Htg. Value (Btu/lb)	Sulfur Cont.				
ALABAMA																	
Alabama Electric Cooperative, Inc.	Tombigbee #2	U	210	Washington	Jackson	2/79	AL	Winston	Sur.	R, B	Bit.	11,500	1.5	15	No	532	
								Franklin	Sur.	R, B	Bit.	11,500	1.5	15			
								Lawrence	Sur.	R, B	Bit.	11,500	1.5	15			
								TN Clairborne	Sur.	R	Bit.	11,500	1.5	15			
								E. KY. Whitley	Sur.	R	Bit.	11,500	1.5	15			
	Tombigbee #3	U	210	Washington	Jackson	5/79	AL	Winston	Sur.	R, B	Bit.	11,500	1.5	15	No	532	
								Franklin	Sur.	R, B	Bit.	11,500	1.5	15			
								Lawrence	Sur.	R, B	Bit.	11,500	1.5	15			
								TN Clairborne	Sur.	R	Bit.	11,500	1.5	15			
								E. KY. Whitley	Sur.	R	Bit.	11,500	1.5	15			
	Unaired #1	P	400								11,000				1,050		
Alabama Power Co.	Miller #2	U	662	Jefferson	Jefferson	6/81	AL	Walker	Sur.	R, T	Bit.	12,000	0.7	10,20	No	1,607	
								Winston	Sur.	R, T	Bit.	12,000	0.7	10,20			
								Cullman	Sur.	R, T	Bit.	12,000	0.7	10,20			
								Marion	Sur.	R, T	Bit.	12,000	0.7	10,20			
								Jefferson	Und.	R, T	Bit.	12,000	0.7	10,20			
	Miller #3	U	662	Jefferson	Jefferson	6/82	AL	Tuscaloosa	Und.	R, T	Bit.	12,000	0.7	10,20	No	1,607	
								Walker	Sur.	R, T	Bit.	12,000	0.7	10,20			
								Winston	Sur.	R, T	Bit.	12,000	0.7	10,20			
								Cullman	Sur.	R, T	Bit.	12,000	0.7	10,20			
								Marion	Sur.	R, T	Bit.	12,000	0.7	10,20			
	Miller #4	U	662	Jefferson	Jefferson	6/83	AL	Jefferson	Und.	R, T	Bit.	12,000	0.7	10,20	No	1,607	
								Tuscaloosa	Und.	R, T	Bit.	12,000	0.7	10,20			
								Walker	Sur.	R, T	Bit.	12,000	0.7	10,20			
								Winston	Sur.	R, T	Bit.	12,000	0.7	10,20			
								Cullman	Sur.	R, T	Bit.	12,000	0.7	10,20			
	Unaired #A1	P	783			6/87										1,900*	
	Unaired #A2	P	783			6/88										1,900	
	Unaired #A3	P	783			6/90										1,900	
	ALASKA																
	Golden Valley Electric Assn. Inc.	Healy #3	P	115	Fairbanks North Starborough		1984										305**
	ARIZONA																
Arizona Electric Power Cooperative, Inc.	Apache #5	U	175	Cochise	Wilcox	4/79	NM	Guadalupe	Sur.	R	Sub.	10,000	0.6	Open- End	No	510	
Arizona Public Service Company	Cholla #3	U	242	Navajo	Joseph	5/80	NM	McKinley	Sur.	R	Sub.	10,000	0.6	30	No	705	
	Cholla #4	U	347	Navajo	Joseph	5/81	NM	McKinley	Sur.	R	Sub.	10,000	0.6	30	No	1,011	
Salt River Project Agri. Imp. Power	Coronado #1	U	350	Apache	St. Johns	6/75	NM	McKinley	Sur.	R	Sub.	10,000	0.7	25	No	976+	
								NM Colfax	Sur.	R	Sub.	12,000	0.7				
								NM SanJuan	Sur.	R	Sub.	8,500	0.7	5			
								UT Sevier	Sur.	R	Sub.	11,200	0.7				
	Coronado #2	U	350	Apache	St. Johns	4/80	NM	McKinley	Sur.	R	Sub.	10,000	0.7	25	No	978+	
	Coronado #3	P	350	Apache	St. Johns	2/97	NM	Colfax	Sur.	R	Sub.	12,000	0.7			1,020	
								NM SanJuan	Sur.	R	Sub.	8,500	0.7				
								UT Sevier	Sur.	R	Sub.	11,200	0.7	5			
											10,000						
Tucson Gas & Electric Co.	Springerville #1	U	350	Apache	Springerville	6/85	NM	SanJuan	Sur.	R	Sub.	9,000	0.6	Owned	No	1,133	
	Springerville #2	U	312	Apache	Springerville	6/87	NM	SanJuan	Sur.	R	Sub.	9,000	0.6	Owned	No	1,133	

Table 4.3. (Cont'd)

Utility	Plant Name	Plant		Plant Location		Initial Operation Year	Source of Coal		Mode of Tran.	Quality of Coal			Coal Contr. Year	Mine Mouth	Estimated Coal Rqmt. (10 ³ t/yr)	
		Status	Cap. MW	County	City		State	County		Type of Mining	Htg. Value (Btu/lb)	Sulfur Cont.				
ARKANSAS																
Arkansas Power & Light Co.	White Bluff #1	U	700	Jefferson	Redfield	6/80	WY	Campbell	Sur.	R	Sub.	8,500	0.5	20	No	2,549
	White Bluff #2	U	700	Jefferson	Redfield	4/81	WY	Campbell	Sur.	R	Sub.	8,500	0.5	20	No	2,549
	Independence #1	P	700	Independence	Newark	1/83	WY	Campbell	Sur.	R	Sub.	8,500	0.5	20	No	2,549
	Independence #2	P	700	Independence	Newark	1/85	WY	Campbell	Sur.	R	Sub.	8,500	0.5	20	No	2,549
CALIFORNIA																
Pacific Gas & Elec. Co.	Fossil #1	P	800			11/85	UT	Carbon	Jnd.	R	Bit.	12,000	0.5	Owned	No	1,942
	Fossil #2	P	800			11/86	UT	Carbon	Jnd.	R	Bit.	12,000	0.5	Owned	No	1,942
COLORADO																
Colorado Springs, City of	R.D. Nixon #1	U	200	El Paso	Fountain	10/79	CO	Hoffat	Sur.	R	Sub.	10,500	0.5	20	No	555
	R.D. Nixon #2	U	200	El Paso	Fountain	10/85	CO	Hoffat	Sur.	R	Sub.	10,500	0.5	20	No	555
Colorado-Ute Electric Assoc. Inc.	Craig #1	U	400	Hoffat	Craig	7/79	CO	Hoffat	Sur.	T	Sub.	10,500	0.4	35	Yes	1,110
	Craig #2	U	400	Hoffat	Craig	3/79	CO	Hoffat	Sur.	T	Sub.	10,500	0.4	35	Yes	1,110
	Craig #3	P	400	Hoffat	Craig	4/83	CO	Hoffat	Sur.	T	Sub.	10,500	0.4	35	Yes	1,110
	Craig #4	P	400	Hoffat	Craig	7/82	CO	Hoffat	Sur.	T	Sub.	10,500	0.4	35	Yes	1,110
Public Service Company of Colorado	Pawnee #1	U	470	Morgan	Brush	7/80	WY	Campbell	Sur.	R	Sub.	8,500	0.5	20	No	1,713
	Pawnee #2	P	500	Morgan	Brush	4/81										1,618***
	Southeastern #1	P	470			4/83										1,521***
	Southeastern #2	P	470			4/84										1,521***
	Unsite #1	P	470			4/86										1,521***
	Unsite #2	P	470			4/86										1,521***
Tri-State G&T Assoc. Inc.	Unsite #1	P	500			6/83						10,500				1,387
	Unsite #2	P	500			6/84						10,500				1,387
	Unsite #3	P	500			6/85						10,500				1,387
Oak Creek Power Co.	Oak Creek #1	P	800	Hoffat	Craig	1985	CO	Hoffat	Sur,Und	T,C	Bit.	10,500	1<		Yes	2,219
	Oak Creek #2	P	800	Hoffat	Craig	1985	CO	Hoffat	Sur,Und	T,C	Bit.	10,500	1<		Yes	2,219
	Oak Creek #3	P	800	Hoffat	Craig	1986	CO	Hoffat	Sur,Und	T,C	Bit.	10,500	1<		Yes	2,219
DELAWARE																
Delmarva Power & Light Co.	Indian River #4	U	400	Sussex	Millsboro	5/80	PA	Clinton	Sur.	R	Bit.	13,100	0.85	5	No	928*
								Cleatfield	Sur.	R	Bit.	13,100	0.85			
							WV	Logan	Sur.	R	Bit.	12,000	0.75			
FLORIDA																
Florida Power & Light Co.	Martin County #3	P	800	Martin		1985						10,500				2,219
	Martin County #4	P	800	Martin		1985						10,500				2,219
Florida Power Corp.	Crystal River #4	P	640	Citrus	Crystal River	12/82									No	1,553*
	Crystal River #5	P	640	Citrus	Crystal River	4/84									No	1,553*
	Fossil #1	P	640			10/86										1,553*
	Fossil #2	P	640			10/87										1,553*
	Fossil #3	P	640			10/89										1,553*
Gainesville-Alachua County	Deerhaven #2	U	235	Alachua	Gainesville	1/81	WV	Logan	Sur.	R	Bit.	12,000	0.77	10	No	570
Gulf Power Co.	Caryville #1	U	503	Washington	<Delayed Indefinitely>											1,332**
Jacksonville Elec. Authority	Unsite #1	P	600			1/86										1,456*
Lakeland, City Dept. of Water	McIntosh #3	U	200	Polk	Lakeland	10/81	E.KY AL IL	Possible Sources		R R R					No	874*
Tampa Electric Company	Big Bend #4	P	425	Hillsborough	Tampa	3/85										1,125**
Seminole Electric Cooperative, Inc.	Bostwick #1	P	600	Putnam	Palatka	1983	W.KY IL	Webster White	Und. Und.	R R	Bit. Bit.	12,000 12,000	2.75 2.75	28 28	No	1,456
	Bostwick #2	P	600	Putnam	Palatka	1985	W.KY IL	Webster White	Und. R	R	Bit. Bit.	12,000 12,000	2.75 2.75	28 28	No	1,456

Table 4.3. (Cont'd)

Utility	Plant Name	Plant		Plant Location		Initial Operation Year	Source of Coal		Type of Mining	Mode of Tran.	Quality of Coal		Coal Contr. Year	Mine Mouth	Estimated Coal Rqmt. (10 ³ t/yr)	
		Status	Cap. MW	County	City		State	County			Htg. Value (Btu/lb)	Sulfur Cont.				
GEORGIA																
Georgia Power Co	Scherer #1	U	810	Monroe	Forsyth	2/82	E.KY	Leslie	Sur, Unc	R	Bit.	12,000	0.72	35	No	1,915*
		E.KY	Perry	Sur, Unc	R	Bit.	12,000	0.72	35							
		E.KY	Harlan	Sur, Unc	R	Bit.	12,000	0.72	35							
		E.KY	Clay	Sur, Unc	R	Bit.	12,000	0.72	35							
		VA	Lee	Sur, Unc	R	Bit.	13,000	3.0	35							
		WV	Mingo	Sur, Unc	R	Bit.	12,800	0.75	35							
		TN	Clairborne	Und.	R	Bit.	12,100	0.70	35							
		E.KY	Leslie	Sur, Und	R	Bit.	12,000	0.72	35							
		E.KY	Perry	Sur, Und	R	Bit.	12,000	0.72	35							
	Scherer #2	U	810	Monroe	Forsyth	2/84	E.KY	Harlan	Sur, Und	R	Bit.	12,000	0.72	35	No	1,915*
		E.KY	Clay	Sur, Und	R	Bit.	12,000	0.72	35							
		VA	Lee	Sur, Und	R	Bit.	13,000	3.0	35							
		WV	Mingo	Sur, Und	R	Bit.	12,800	0.75	35							
		TN	Clairborne	Und.	R	Bit.	12,100	0.70	35							
		E.KY	Leslie	Sur, Und	R	Bit.	12,000	0.72	35							
		E.KY	Perry	Sur, Und	R	Bit.	12,000	0.72	35							
		E.KY	Harlan	Sur, Und	R	Bit.	12,000	0.72	35							
		E.KY	Clay	Sur, Und	R	Bit.	12,000	0.72	35							
	Scherer #3	U	820	Monroe	Forsyth	2/85	E.KY	Lee	Sur, Und	R	Bit.	13,000	3.0	35	No	1,915*
		E.KY	Mingo	Sur, Und	R	Bit.	12,800	0.75	35							
		TN	Clairborne	Und.	R	Bit.	12,100	0.70	35							
		E.KY	Leslie	Sur, Und	R	Bit.	12,000	0.72	35							
		E.KY	Perry	Sur, Und	R	Bit.	12,000	0.72	35							
		E.KY	Harlan	Sur, Und	R	Bit.	12,000	0.72	35							
		E.KY	Clay	Sur, Und	R	Bit.	12,000	0.72	35							
		VA	Lee	Sur, Und	R	Bit.	13,000	3.0	35							
WV		Mingo	Sur, Und	R	Bit.	12,800	0.75	35								
Scherer #4	U	820	Monroe	Forsyth	2/87	E.KY	Clairborne	Und.	R	Bit.	12,100	0.70	35	No	1,915*	
	E.KY	Leslie	Sur, Und	R	Bit.	12,000	0.72	35								
	E.KY	Perry	Sur, Und	R	Bit.	12,000	0.72	35								
	E.KY	Harlan	Sur, Und	R	Bit.	12,000	0.72	35								
	E.KY	Clay	Sur, Und	R	Bit.	12,000	0.72	35								
	VA	Lee	Sur, Und	R	Bit.	13,000	3.0	35								
	WV	Mingo	Sur, Und	R	Bit.	12,800	0.75	35								
	TN	Clairborne	Und.	R	Bit.	12,100	0.70	35								
Unsitec #1	P	800			6/88									1,944*		
Unsitec #2	P	800			6/89									1,944*		
Unsitec #3	P	800			6/90									1,944*		
Savannah Electric and Power Company	Effingham Station #2	P	250			3/86				R				No	607*	
ILLINOIS																
Central Illinois Light Co.	Duck Creek #2	P	400	Fulton	Canton	6/83	IL	Macoupin	Und.	R	Bit.	10,500	3.0	LT	No	1,110
	Duck Creek #3	P	500	Fulton	Canton	1/89	IL			R	Bit.	10,500	3.0		No	1,386
Central Illinois Public Serv.	Newton #2	U	550	Jasper	Newton	3/81	IL				Bit.	10,500	2.6		No	1,525
	Plant X #1	P	550			6/85	IL					10,500	2.6			1,525
Commonwealth Edison Co.	Unspecified #1	P	550			10/86										1,456**
	Unspecified #2	P	550			4/87										1,456**
Southern Illinois Power Coop.	Marion #1	P	350	Williamson	Marion	1985	IL	Williamson	Sur.	T	Bit.	11,500	3.5	LT	No	886
Springfield Water, Light & Power Dept.	Undesignated #1	P	180			6/86	IL				Bit.	10,500				499
Western Ill. Power Coop.	Pearl #1	P	400			1986	IL			R						1,059**
INDIANA																
Crawfordsville Electric Light & Power Utility	Crawfordsville #1	P	11	Montgomery	Crawfordsville	7/86	IN	Clay Owen	Sur.	T	Bit.	11,500	1.5	Spot	No	28
		Sur.	T	Bit.	11,500	1.5	Purch.									
Hoosier Energy Division	Merion #1	U	450	Sullivan	Merion	4/82	IN	Vigo	Und.	R,T	Bit.	10,600	3.5	15	No	1,346
		IL		Bit.	10,600		20									
	Merion #2	U	450	Sullivan	Merion	6/81	IN	Vigo	Und.	R,T	Bit.	10,600	3.5	15	No	1,346
		IL		Bit.	10,600		20									
Indianapolis Power & Light Co.	Petersburg #4	U	515	Pike	Petersburg	4/83	IN	Pike	Sur, Und	R,T	Bit.	11,000	3.2	22	No	1,364
	Patriot #1	P	650	Switzerland	Patriot	4/85			B	Bit.	11,000			No	1,721	
	Patriot #2	P	650	Switzerland	Patriot	4/87			B	Bit.	11,000			No	1,721	
	Patriot #3	P	650	Switzerland	Patriot	4/89			B	Bit.	11,000			No	1,721	

Table 4.3. (Cont'd)

Utility	Plant Name	Status	Plant	Plant Location		Initial operation Year	Source of Coal			Mode of Tran.	Quality of Coal			Coal Contr. Year	Mine Mouth	Estimated Coal Rqmt. (10 ³ t/yr)
			Cap. MW	County	City		State	County	Type of Mining		Htg. Value (Btu/lb)	Sulfur Cont.				
Indiana & Michigan Electric Company (AEP)	Rockport #1	P	1300	Spencer	Rockport	5/82	WY	Campbell	Sur.	R, B	Sub.	8,500	0.5		No	4,454
	Rockport #2	U	1300	Spencer	Rockport	12/83	WY	Campbell	Sur.	R, B	Sub.	8,500	0.5		No	4,454
Northern Indiana Public Service Company	Schahfer #15	U	527	Jasper	Wheatfield	5/79	WY	Carbon	Sur.	R	Sub.	10,000	0.6	5	No	1,751*
	Schahfer #17	P	344	Jasper	Wheatfield	5/83	IL	Campbell	Sur.	R	Sub.	8,500	0.5	20	No	932
								Randolph	Sur.	R	Bit.	11,000	3.0	15 Opt.		
	Schahfer #18	P	344	Jasper	Wheatfield	5/85	IL	Randolph Perry	Sur. Sur.	R R	Bit. Bit.	10,500 11,000	3.0 3.0	15 15	No	932
Public Service Company of Indiana, Inc.	Gibson #4	U	650	Gibson	Mt. Carmel	3/79	IL	Clinton	Und.	R	Bit.	10,750	3.3	30	No	1,761
	Gibson #5	U	650	Gibson	Mt. Carmel	4/82	IL	Clinton	Und.	R	Bit.	10,750	3.3	30	No	1,761
Southern Indiana Gas and Electric Co.	Brown #1	U	250	Posey	W. Franklin	4/79	IN	Pike	Sur.	R	Bit.	11,000	3.5	15	No	662
	Brown #2	P	250	Posey	W. Franklin	4/83	IN	Pike	Sur.	R	Bit.	11,000	3.5	15	No	662
	Brown #3	P	500	Posey	W. Franklin	4/87	IN	Pike	Sur.	R	Bit.	11,000	3.5		No	1,324
IOWA																
Alcoa Generating Corp.	Unsite #1	P	550			12/85										1,780***
Ames Municipal Electric Syst.	Ames #8	P	65	Story	Ames	1980	CO	Hoffat	Und.	R	Bit.	10,200	0.3	5	No	186
Iowa-Illinois Gas & Elec. Co.	Louisa #1	U	650	Louisa	Muscataine	5/83	WY	Campbell	Sur.	R	Sub.	8,300	0.5		No	2,281
Iowa Public Service Co.	G. Neal #4	U	575	Woodbury	Salix	5/79	WY	Campbell	Sur.	R	Sub.	8,100	0.4	20	No	1,950
Iowa Southern Utilities Co.	Ottumwa #1	U	675	Wapello	Ottumwa	1/81	WY	Campbell	Sur.	R	Sub.	8,200	0.5	20	No	2,137
Muscataine Power & Light Dept.	Muscataine #9	P	150	Muscataine	Muscataine	5/82	IL	Fulton	Sur.	R	Sub.	10,500	3.1		No	416
								Southern IL	Sur.	R, B	Sub.	10,500	3.1			
KANSAS																
Kansas City Board of Public Utilities	Nearman Creek #1	U	235	Wyandotte	Kansas City	1/80	WY	Campbell	Sur.	R	Sub.	8,150	0.35	20	No	840
	Nearman Creek #2	P	300	Wyandotte	Kansas City	6/82	WY	Campbell	Sur.	R	Sub.	8,150	0.35	20	No	1,072
Kansas Power & Light Co.	Jeffrey #2	U	680	Pottawattamie	St. Marys	5/80	WY	Campbell	Sur.	R	Sub.	8,025	0.48	36	No	2,468
	Jeffrey #3	U	680	Pottawattamie	St. Marys	4/82	WY	Campbell	Sur.	R	Sub.	8,025	0.48	36	No	2,468
	Jeffrey #4	U	680	Pottawattamie	St. Marys	6/84	WY	Campbell	Sur.	R	Sub.	8,025	0.48	36	No	2,468
Sunflower Elec. Coop.	Holcomb #1	P	280	Finney	Holcomb	1/84	WY	Campbell	Sur.	R	Sub.	8,100	0.4	20	No	1,007
KENTUCKY																
Big Rivers Electric Corporation	Coleman #4	P	210	Hancock	Havesville	6/82										636**
	Green(Reid 2) #1	U	210	Henderson	Sebree	12/79	W.KY	Henderson	Und.	T	Bit.	10,100	4.2	10	No	606
	Green(Reid 3) #2	U	210	Henderson	Sebree	12/80				B	Bit.				No	556**
	Brec Station 4 #1	P	400									10,500	4.0			1,110
	Brec Station 4 #2	P	400									10,500	4.0			1,100
Cincinnati Gas & Electric Company (Ohio)	East Bend #1	P	600	Boone	Rabit-Hash	1/84	W.KY		Sur,Und	B	Bit.	11,000	0.4		No	1,589
	East Bend #2	U	600	Boone	Rabit-Hash	6/80	W.KY		Sur,Und	B	Bit.	11,000	0.4		No	1,589
	East Bend #3	P	730	Boone	Rabit-Hash	1/87	W.KY		Sur,Und	B	Bit.	11,000	0.4		No	1,853
East Kentucky Utilities Co.	H.L.Spurlock #2	U	550	Nason	Haysville	4/80	E.KY	Johson Martin	Sur.	R, B R, B	Bit. Bit.	11,500 11,500	2.5 2.5	5,10 5,10	No	1,393
								Lawrence Elliott	Und.	R, B R, B	Bit. Bit.	11,500 11,500	2.5 2.5	5,10 5,10		
	Undesignated #1	P	550			4/84										1,456**
Kentucky Utilities Company	Ghent #3	P	500	Carroll	Ghent	3/81	E.KY	Probable		R or B	Bit.				No	1,324**
	Ghent #6	P	500	Carroll	Ghent	3/83	E.KY	Source of Coal		R or B	Bit.				No	1,324**
	Hancock #1	P	650	Hancock	Havesville	10/84	W.KY or IL								No	1,721**
	Hancock #2	P	650	Hancock	Havesville	10/86	W.KY or IL								No	1,721**
Louisville Gas & Electric Company	Hillcreek #4	U	495	Jefferson	Louisville	6/80	W.KY	Muhlenberg	Scr,Und	R	Bit.	11,100	3.8	12	No	1,299
								Hopkins	Scr,Und	R	Bit.	11,100	3.8			
								Ohio	Scr,Und	R	Bit.	11,100	3.8			
	Trimble Co. #1	P	495	Trimble	Wiselanding	6/83	W.KY	Muhlenberg	Sur,Und	B	Bit.	11,000	3.5	15	No	1,310
	Trimble Co. #2	P	495	Trimble	Wiselanding	6/85	W.KY	Muhlenberg	Sur,Und	B	Bit.	11,000	3.5	15	No	1,310
	Trimble Co. #3	P	675	Trimble	Wiselanding	6/87	W.KY	Muhlenberg	Sur,Und	B	Bit.	11,000	3.5	15	No	1,787
	Trimble Co. #4	P	675	Trimble	Wiselanding	6/89	W.KY	Muhlenberg	Sur,Und	B	Bit.	11,000	3.5	15	No	1,787

Table 4.3. (Cont'd)

Utility	Plant Name	Status	Plant	Plant Location		Initial Operation Year	Source of Coal		Type of Mining	Mode of Tran.	Quality of Coal		Coal Contr. Year	Mine Mouth	Estimated Coal Rqmt. (10 ³ t/yr)	
			Cap. MW	County	City		State	County			Htg. Value (Btu/lb)	Sulfur Cont.				
LOUISIANA																
Cajun Elec. Power Coop.	Big Cajun 2 #1	U	520	Pointee Coupee	New Roads	1/80	WY	Campbell	Sur.	R,B	Sub.	8,150	0.5	35	No	1,751*
	Big Cajun 2 #2	U	520	Pointee Coupee	New Roads	1/81	WY	Big Horn	Sur.	R,B	Sub.	9,200	0.5	35	No	1,751*
	Big Cajun 2 #3	P	520	Pointee Coupee	New Roads	1/83	WY	Big Horn	Sur.	R,B	Sub.	9,200	0.5	35	No	1,751*
	Big Cajun 3 #1	P	500	Natchitoches	Natchitoches	1/85	LA	Big Horn	Sur.	R,B	Sub.	9,200	0.5	35		
	Big Cajun 4 #1	P	500	Red River		1/86	LA	Natchitoches	Sur.	C	Lig.	7,000	1<	30	Yes	2,080*
Central Louisiana Elec. Co.	Rodemscher #2	U	530	Rapides	Boyce	1/82	WY	Red River	Sur.	C	Lig.	7,000	1<	30	Yes	2,080
	Rodemscher #3	P	530			3/86										
Gulf State Utilities	R.S.Nelson #5	P	340	Calcasieu	Lake Charles	12/82	WY	Campbell	Sur.	R	Sub.	8,500	0.48	20	No	1,850
	R.S.Nelson #6	U	340	Calcasieu	Lake Charles	3/82	WY	Campbell	Sur.	R	Sub.	8,500	0.48	20	No	1,850
Louisiana Power & Light Co.	LPL-Coal#B1	P	700			1/86										1,854**
	LPL-Coal#B2	P	700			1/86										1,854**
Natchitoches Light & Power Dept.	Lampco Station (Syn. Gas)	P	115	St. Mary	Baldwin	1/83					Bit.	12,500	3.5	10	No	268
Southwestern Electric Power	Dolet Hill #1	P	640	Desoto	Mansfield	3/86	LA	Desoto	Sur.	C	Lig.	6,800	1<	20	Yes	2,741
MAINE																
Central Maine Power Co.	Sears Island #1	P	568	Wald	Bangor	11/86	PA, WV or KY	Possible Sources			Bit.	12,000	3.0		No	1,379
MARYLAND																
Potomac Elec. Power Co.	Dickenson #4	U	800	Montgomery	Dickerson	5/85				R	Bit.	12,500			No	1,864
Delmarva Power & Light Company of Maryland	Vienna #9	P	400	Dorchester	Vienna	5/87					Bit.	12,500			No	930
MICHIGAN																
Coldwater, City of Board of Public Utilities	Coldwater #7	P	25	Branch	Coldwater	9/82										66**
Consumers Power Co.	J.H.Campbell #3	U	791	Ottawa	Muskegon	5/80	E.KY	Several Counties	Sur,Und	R	Bit.	12,000	0.65		No	1,920
The Detroit Edison Co.	Belle River #1	P	675	St. Clair	St. Clair	3/83	MT	Big Horn	Sur.	R,LV	Sub.	9,600	0.6	LT	No	1,950
	Belle River #2	P	675	St. Clair	St. Clair	3/84	MT	Big Horn	Sur.	R,LV	Sub.	9,600	0.6	LT	No	1,950
Grand Haven Board of Light and Power	Island #3	P	100	Ottawa	Grand Haven	5/82	IL			R					No	212**
Marquette Board of Light and Power	Shiras #3	P	41	Marquette	Marquette	9/82	E.KY or WY			R					No	109**
Upper Peninsula Generating Co.	Presque Isle #9	U	80	Marquette	Marquette	1/79	WY	Big Horn	Sur.	R,LV	Sub.	9,050	0.6		No	257
							MT	Rosebud	Sur.	R,LV	Sub.	9,050	0.6			
Upper Peninsula Power Co.	Unsitec #1	P	80			/82	E.KY	Probably			Bit.	12,000	Low			195
	Unsitec #2	P	80			/84	E.KY	Probably			Bit.	12,000	Sulfur			195
	Unsitec #3	P	80			/85	E.KY	Probably			Bit.	12,000	Low			195
	Unsitec #6	P	80			/87	E.KY	Probably			Bit.	12,000	Sulfur			195
MINNESOTA																
Minnesota Power & Light Co.	Roswell #4	U	500	Itasca	Grazd Rapids	5/80	MT	Rosebud	Sur.	R	Sub.	8,500	0.9	LT	No	1,713
	Undesignated #1	P	500													1,618***
Northern States Power Co.	Sherburne Co. #3	P	800	Sherburne	Becker	5/84	MT	Rosebud	Sur.	R	Sub.	8,500	0.8		No	2,741
	Sherburne Co. #4	P	800	Sherburne	Becker	5/87	MT	Rosebud	Sur.	R	Sub.	8,500	0.8		No	2,741
	Unsitec	P	800			1989										2,589***

Table 4.3. (Cont'd)

Utility	Plant Name	Plant		Plant Location		Initial Operation Year	Source of Coal		Type of Mining	Mode of Tran.	Quality of Coal			Coal Contr. Year	Mine Mouth	Estimated Coal Rqmt. (10 ³ t/yr)
		Status	Cap. MW	County	City		State	County			Type	Htg. Value (Btu/lb)	Sulfur Cont.			
MISSISSIPPI																
Mississippi Power & Light Co.	Desoto Steam #2	P	700	Desoto	Penton	1/85	KY or Possibly MS				Lig.					2,265***
	Elec. Gen. Sta. Unsite #A2	P	700			1/87										2,265***
Mississippi Power Co.	Daniel #2	U	503	Jackson	Pascagoula	6/81	CO	Mesa	Und.	R	Bit.	12,000	0.6	15	No	1,220
	Unsite #A1	P	503			6/86	UT	Grand	Und.	R	Bit.	12,000	0.6	15		1,220*
MISSOURI																
Assoc. Elec. Coop. Inc.	Thomas Hill #3	U	630	Randolph	Moberly	10/81	MO	Randolph	Sur.	R,T	Bit.	10,000	3.5	35	Yes	1,835
Empire District Elec. Co.	Empire Energy Center #3	P	300	Jasper		6/86										971***
Kansas City Power & Light Co.	Iatan #1	U	630	Platte	Iatan	3/80	WY	Campbell	Sur.	R	Sub.	8,300	0.4	Owned Mine	No	2,211
	Iatan #2	P	630	Platte	Iatan	5/87	WY	Campbell	Sur.	R	Sub.	8,300	0.4	Owned Mine	No	2,211
Sisketon Bd of Municipal Util.	Sisketon #1	U	207	Scott	Sisketon	6/81	IL	Williamson	Und.	R	Bit.	11,450	2.8	LT	No	527
Springfield City Util.	Southwest #2	P	210	Greene	Springfield	7/87	KS	Burbon	Sur.	R or T	Bit.	12,000	0.45	15	No	510
							MO	Vernon	Sur.	R or T	Bit.	12,000	0.45	15		
MONTANA																
Montana Power Co.	Colstrip #3	U	700	Rosebud	Forsyth	7/82	MT	Rosebud	Sur.	T	Sub.	8,500	0.5	35	Yes	2,399
	Colstrip #4	U	700	Rosebud	Forsyth	5/83	MT	Rosebud	Sur.	T	Sub.	8,500	0.5	35	Yes	2,399
NEBRASKA																
Grand Island Elec. Dept.	Platte #1	U	147	Platte	Grand Island	5/81	Western Coal			R	Sub.				No	476***
Hastings Utilities	Hastings Energy Center #1	U	75	Adams	Hastings	5/81	Western Coal			R	Sub.				No	243
Nebraska Public Power District	Gentleman #1	U	600	Lincoln	Sutherland	3/79	WY	Campbell	Sur.	R	Sub.	8,600	0.5	18	No	2,032
	Gentleman #2	U	600	Lincoln	Sutherland	5/81	WY	Campbell	Sur.	R	Sub.	8,600	0.5	18	No	2,032
	Fossil Unit #3	P	600	Custer	Comstock	5/86	WY (Possibly)		Sur.	R	Sub.	8,600	0.5		No	2,032
Omaha Public Power District	Nebraska City #1	U	575	Otoe	Nebraska City	5/79	WY	Campbell	Sur.	R	Sub.	8,000	0.6	25	No	2,094
NEVADA																
Nevada Power Co.	H.Allen #1	P	500	Clark	Las Vegas	6/85	UT	Kane	Und.	PL	Bit.	11,500	0.5	35	No	1,267
	H.Allen #2	P	500	Clark	Las Vegas	6/86	UT	Kane	Und.	PL	Bit.	11,500	0.5	35	No	1,267
	H.Allen #3	P	500	Clark	Las Vegas	6/86	UT	Kane	Und.	PL	Bit.	11,500	0.5	35	No	1,267
	H.Allen #4	P	500	Clark	Las Vegas	6/87	UT	Kane	Und.	PL	Bit.	11,500	0.5	35	No	1,267
Sierra Pacific Power Co.	No. Valmy #1	P	250	Humboldt	Winnemucca	10/81	UT	Sevier	Und.	R	Bit.	11,500	0.4	35	No	633
	No. Valmy #2	P	250	Humboldt	Winnemucca	10/84	UT	Sevier	Und.	R	Bit.	11,500	0.4	35	No	633
NEW JERSEY																
Deepwater Operating Co.	Deepwater #8	P	300	Salem		5/87										975**
Jersey Central Power & Light (CPU)	Gilbert #9	P	800	Hunterdon	Milford	5/90	PA (W.PA)			R	Bit.	12,750	2.5		No	1,827
NEW MEXICO																
Plains Elec. G&T Corp., Inc.	Undesignated #1	P	297			1/84	Western Coal									961***
Public Service Company of New Mexico	San Juan #3	U	468	San Juan	Waterflow	5/79	NM	San Juan	Sur.	T	Sub.	8,750	0.5	35	Yes	1,558
	San Juan #4	U	472	San Juan	Waterflow	5/82	NM	San Juan	Sur.	T	Sub.	8,750	0.5	35	Yes	1,571
	Bisti #1	P	472	San Juan	Waterflow	5/88	NM	San Juan	Sur.	T	Sub.	8,750	0.5	35	Yes	1,571

Table 4.3. (Cont'd)

Utility	Plant Name	Plant		Plant Location		Initial Operation Year	Source of Coal		Mode of Tran.	Quality of Coal			Coal Contr. Year	Mine Mouth	Estimated Coal Rqmt. (10 ³ t/yr)		
		Status	Cap. MW	County	City		State	County		Type of Mining	Type	Htg. Value (Btu/lb)				Sulfur Cont.	
NEW YORK																	
New York State Electric and Gas Corp.	Somerset #1	P	850	Niagara	Lockport	11/84	W. PA and/or W.V.		F	Bit.	11,500	2.5		No	2,153		
Niagara Mohawk Power Corp.	Lake Erie #1	P	850	Chautauqua	Dunkirk	11/87	WY	Campbell	Sur.	F,B	Sub.	8,300	0.6		No	2,662	
Power Authority of the State of New York	A.Kill #1	U	700	Richmond	New York City	11/84	E.PA (Possibly)		F,B	Bit.	12,000	2.5		No	1,699		
NORTH CAROLINA																	
Carolina Power & Light Co.	Roxboro #4	U	720	Person	Roxboro	3/80	E.KY	Martin	Sur,Und	R	Bit.	12,300	<1.0	30	No	1,705	
							E.KY	Pike	Sur,Und	R	Bit.	12,300	<1.0	30			
							WV	Mingo	Sur,Und	R	Bit.	12,300	<1.0	30			
	Mayo #1	P	720	Person	Roxboro	3/82	E.KY	Martin	Sur,Und	R	Bit.	12,300	<1.0	30	No	1,705	
							E.KY	Pike	Sur,Und	R	Bit.	12,300	<1.0	30			
							WV	Mingo	Sur,Und	R	Bit.	12,300	<1.0	30			
	Mayo #2	P	720	Person	Roxboro	3/85	E.KY	Martin	Sur,Und	R	Bit.	12,300	<1.0	30	No	1,705	
							E.KY	Pike	Sur,Und	R	Bit.	12,300	<1.0	30			
							WV	Mingo	Sur,Und	R	Bit.	12,300	<1.0	30			
NORTH DAKOTA																	
Basin Elec. Power Coop. Inc.	Antelope Valley#1	U	416	Mercer	Bemah	11/81	ND	Mercer	Sur.	T	Lig.	6,500	0.55	25	Yes	1,864	
	Antelope Valley#2	P	416	Mercer	Bemah	11/83	ND	Mercer	Sur.	T	Lig.	6,500	0.55	25	Yes	1,864	
	Unsite (East)#1	P	500			1/88					Lig.	6,500				2,240	
	Unsite (West)#2	P	500			1/86					Lig.	6,500				2,240	
Cooperative Power Assoc.	Coal Creek #1	U	490	McLean	Underwood	5/79	ND	McLean	Sur.	T,C	Lig.	6,250	0.63	35	Yes	2,284	
	Coal Creek #2	U	490	McLean	Underwood	5/80	ND	McLean	Sur.	T,C	Lig.	6,250	0.63	35	Yes	2,284	
Montana-Dakota Utilities Company	Coyote #1	U	410	Mercer	Bemah	5/81	ND	Mercer	Sur.	C	Lig.	6,800	0.7		Yes	1,756	
	Coyote #2	P	410	Mercer	Bemah	12/85	ND	Mercer	Sur.	C	Lig.	6,800	0.7		Yes	1,756	
OHIO																	
Buckeye Power, Inc.	Unsite #1	P	600			6/86	OH			R,B	Bit.	11,500	3 to 5		No	1,520	
Columbus & Southern Ohio Electric Company	Poston #5	U	375	Athens	Nelsonville	3/87	OH	Sevier	Sur,Und	T,C	Bit.	11,000	3.75		No	993	
	Poston #6	U	375	Athens	Nelsonville	1/90	OH	Counties	Sur,Und	T,C	Bit.	11,000	3.75		No	993	
	Newbury #1	P	375	Washington	Beipre	3/87	OH		Sur,Und	T,C	Bit.	11,000	3.75		No	993	
The Dayton Power & Light Co.	Killen Station #1	U	600	Adams	Maschester	3/85	E.KY	Pike	Und.	R,B	Bit.	12,000	0.72	15	No	1,456	
							E.KY	Perry	Und.	R,B	Bit.	12,000	0.72	15			
							WV	Logan	Und.	R,B	Bit.	12,000	0.72	15			
	Killen Station #2	U	600	Adams	Maschester	10/81	E.KY	Pike	Und.	R,B	Bit.	12,000	0.72	15	No	1,456	
							E.KY	Perry	Und.	R,B	Bit.	12,000	0.72	15			
							WV	Logan	Und.	R,B	Bit.	12,000	0.72	15			
OKLAHOMA																	
Grand River Dam Authority	Chouteau #1	P	490	Mayes	Chouteau	5/81	WY	Campbell	Sur.	R	Sub.	8,000	0.6	20	No	1,784	
Oklahoma Gas & Elec. Co.	Muskogee #6	P	515	Muskogee	Muskogee	2/83	WY	Campbell	Sur.	R	Sub.	8,600	0.4	15	No	1,744	
	Sooner #1	U	515	Noble	Ree Rock	2/79	WY	Campbell	Sur.	R	Sub.	8,600	0.4	15	No	1,744	
	Sooner #2	U	515	Noble	Ree Rock	3/80	WY	Campbell	Sur.	R	Sub.	8,600	0.4	15	No	1,744	
	Sooner #3	P	500	Noble	Ree Rock	2/83	WY	Campbell	Sur.	R	Sub.	8,600	0.4	15	No	1,693	
	Sooner #4	P	500	Noble	Ree Rock	2/85	WY	Campbell	Sur.	R	Sub.	8,600	0.4	15	No	1,693	
	Unsite #1	P	500			2/85	Western Coal		Sur.	R	Sub.	8,200	1<		No	1,776	
	Unsite #2	P	500			2/86	Western Coal		Sur.	R	Sub.	8,200	1<		No	1,776	
	Unsite #3	P	500			2/87	Western Coal		Sur.	R	Sub.	8,200	1<		No	1,776	
	Unsite #4	P	500			2/88	Western Coal		Sur.	R	Sub.	8,200	1<		No	1,776	
	Public Service Company of Oklahoma	Northeastern #3	U	450	Rogers	Oologah	5/79	WY	Campbell	Sur.	R	Sub.	8,524	0.48	15	No	1,538
		Northeastern #4	U	450	Rogers	Oologah	5/80	WY	Campbell	Sur.	R	Sub.	8,524	0.48	15	No	1,538
	Western Farmers Electric Cooperative	E. Oklahoma #1	P	376	Choctaw	Ft. Towson	4/82	WY	Campbell	Sur.	R	Sub.	8,100	0.5	15	No	1,352
Hugo #1		P	400	Choctaw	Ft. Towson	4/82	WY	Campbell	Sur.	R	Sub.	8,100	0.5	15	No	1,438	

Table 4.3. (Cont'd)

Utility	Plant Name	Plant		Plant Location		Initial Operation Year	Source of Coal		Type of Mining	Mode of Tran.	Quality of Coal		Coal Contr. Year	Mine Mouth	Estimated Coal Reqmt. (10 ³ t/yr)	
		Status	Cap. MW	County	City		State	County			Hgt. Value (Btu/lb)	Sulfur Cont.				
OREGON																
Portland CE Company	Carty#1 (Boatman)	U	530	Morrow	Boatman	7/80	WY	Campbell	Sur.	R	Sub.	8,000	0.4	20	No	1,930
PENNSYLVANIA																
Allegheny Power Systems Inc.	E. Armstrong #1	P	630	Armstrong	Adrian	3/84	PA	Probable		R	Bit.	12,500	2-3		No	1,468
	E. Armstrong #2	P	630	Armstrong	Adrian	3/85	PA	Source		R	Bit.	12,500	2-3		No	1,468
	E. Armstrong #3	P	630	Armstrong	Adrian	3/86	PA	of Coal		R	Bit.	12,500	2-3		No	1,468
Metropolitan Edison Co. (GPU)	Scottsville #1	P	800	Wyoming	Scranton	5/91	PA			R	Bit.	12,500	3.0		No	1,864
Pennsylvania Power Co.	Mansfield #3	U	825	Beaver	Shippingport	10/80	OH	Belmont	Und.	B,T	Bit.	11,750	3-4		No	2,045
								Monroe	Und.	B,T	Bit.	11,750	3-4			
								Garret	Sur.	B,T	Bit.	11,750	3-4			
								Fayette	Sur.	B,T	Bit.	11,750	3-4			
Pennsylvania Electric Co.	Wehrum #1	P	625	Indiana	Vintondale	5/92	PA	Indiana	Sur,Und	T,C	Bit.	12,000	2-3		Yes	1,517
	Seward #7	P	625	Indiana	Seward	12/85	PA	Westmoreland	Sur,Und	T,C	Bit.	12,000	2-3			
								Indiana	Sur,Und	R,T	Bit.	12,000	2-3		No	1,517
								Westmoreland	Sur,Und	R,T	Bit.	12,000	2-3			
	Coho #1	P	625	Indiana	Seward	5/86	PA	Cambria	Sur,Und	R,T	Bit.	12,000	2-3		No	1,517
	West Pennsylvania Power Company (APS)	Unidentified #1	P	630			3/88	WV	Indiana	Sur,Und	R,T	Bit.	12,000	2-3		
2/3																
PA, E.KY																
SOUTH CAROLINA																
South Carolina Electric and Gas Company	Undesignated #1	P	500			5/85					Bit.	12,500				1,165
	Undesignated #2	P	500			5/87					Bit.	12,500				1,165
South Carolina Public Service Authority	Winyah #3	U	280	Georgetown	Georgetown	5/80	E.KY	Pike	Sur,Und	R	Bit.	12,000	1-2	20	No	680
	Winyah #4	U	280	Georgetown	Georgetown	10/81	E.KY	Pike	Sur,Und	R	Bit.	12,000	1-2	20	No	680
	Cross-Site #1	P	450	Berkeley	Cross	5/83	E.KY			R	Bit.	12,000	1.5<		No	1,092
	Cross-Site #2	P	450	Berkeley	Cross	5/85	E.KY			R	Bit.	12,000	1.5<		No	1,092
	Cross-Site #3	P	450	Berkeley	Cross	5/87	E.KY			R	Bit.	12,000	1.5<		No	1,092
	Cross-Site #4	P	450	Berkeley	Cross	5/88	E.KY			R	Bit.	12,000	1.5<		No	1,092
TEXAS																
Central Power & Light Co.	Coletto Creek #1	U	550	Goliad	Victoria	12/79	CO	Moffat	Sur.	R	Bit.	10,700	0.4	25	No	1,497
Houston Lighting & Power Co.	W.A.Parish #6	U	660	Fort Bend	Richmond	3/79	WY	Campbell	Sur.	R	Sub.	8,300	0.5	LT	No	2,316
	W.A.Parish #7	U	570	Fort Bend	Richmond	6/80	WY	Campbell	Sur.	R	Sub.	8,300	0.5	LT	No	2,000
	W.A.Parish #8	P	540	Fort Bend	Richmond	3/83	MT	Big Horn	Sur.	R	Sub.	9,500	0.5	25	No	1,655
	Freestone #1	P	750	Freestone	Fairfield	3/84	TX	Freestone	Sur.	T,C	Lig.	6,500	0.9		Yes	3,361
	Freestone #2	P	750	Freestone	Fairfield	3/86	TX	Freestone	Sur.	T,C	Lig.	6,500	0.9		Yes	3,361
Lower Colo. River Authority	Fayette #1	U	550	Fayette	LaGrange	6/79	MT	Big Horn	Sur.	R	Sub.	9,200	0.5	25	No	1,741
	Fayette #2	U	550	Fayette	LaGrange	6/80	WY	Campbell	Sur.	R	Sub.	8,600	0.5	15	No	1,863
San Antonio Public Serv. Bd.	Undesignated #1	P	500			3/88	TX		Sur.	T	Lig.	6,500	1<		Yes	2,240
San Miguel Electric Coop.	San Miguel #1	U	400	Atascosa	Jourdation	10/80	TX	Atascosa	Sur.	T	Lig.	5,000	1.5	Owned	Yes	2,330
	San Miguel #2	P	435	Atascosa	Jourdation		TX	McMullen	Sur.	T	Lig.	5,000	1.5	Mine		
Atascosa								Sur.	T	Lig.	5,000	1.5	Owned	Yes	2,534	
Southwestern Elec. Power Co.	Welsh #2	U	528	Titus	Cason	2/80										
	Welsh #3	U	528	Titus	Cason	2/82	WY	Campbell	Sur.	R	Sub.	8,600	0.3	25	No	1,788
	Pirkey #1	P	640	Harrison	Hallsville	3/84	WY	Campbell	Sur.	R	Sub.	8,600	0.3	25	No	1,788
Southwestern Public Serv. Co.	Harrington #3	U	317	Potter	Amarillo	6/80	TX	Harrison	Sur.	T,C	Lig.	6,300	1<	20	Yes	2,958
	Tolkstation #1	P	508	Lamb	Earth	6/82	WY	Campbell	Sur.	R	Sub.	8,600	0.3	35	No	1,074
	Tolkstation #2	P	508	Lamb	Earth	6/85	WY	Campbell	Sur.	R	Sub.	8,600	0.3	35	No	1,720
	Celanese #2	U	30	Hutchison	Pampa	6/75	WY	Campbell	Sur.	R	Sub.	8,600	0.3	35	No	1,720
									Sur.	R	Bit.	10,000	0.4	8	No	87

Table 4.3. (Cont'd)

Utility	Plant Name	Status	Plant	Plant Location		Initial Operation Year	Source of Coal		Type of Mining	Mode of Tran.	Quality of Coal		Coal Contr. Year	Mine Mouth	Estimated Coal Rqmt. (10 ³ t/yr)	
			Cap. MW	County	City		State	County			Hcg. Value (Btu/lb)	Sulfur Cont.				
Texas Power & Light Co.	Martin Lake #3	U	750	Rusk	Henderson	2/79	TX	Panola	Sur.	R,T	Lig.	6,500	0.9	Owned	Yes	3,361
	Martin Lake #4	U	750	Rusk	Henderson	1/85	TX	Panola	Sur.	R,T	Lig.	6,500	0.9	Owned	Yes	3,361
	Forest Grove #1	U	750	Henderson	Athens	1/84	TX	Henderson	Sur.	R,T	Lig.	7,300	0.9	Owned	Yes	2,293
	Twir Oak #1	U	750	Robertson	Franklin	1/84	TX	Robertson	Sur.	R,T	Lig.	6,500	0.75	Owned	Yes	3,361
	Twir Oak #2	U	750	Robertson	Franklin	1/86	TX	Robertson	Sur.	R,T	Lig.	6,500	0.75	Owned	Yes	3,361
	Sanéew #4	P	545	Milan	Rockdale	1/81	TX	Milan	Sur.	T	Lig.	6,500	0.75	Owned	Yes	2,442
Texas Power Pool Inc.	Gibbons Creek #1	U	400	Grimes	Carlos	1983	TX	Grimes	Sur.	T	Lig.	5,250	1.75	Owned	Yes	2,219
West Texas Utilities	Diversion/Kemp #1	P	646	Wilbarger	Vernon	1/87	Western Coal		Sur.	R	Sub.	8,500	1<		No	2,193
UTAH																
Deseret G&T Coop.	Moonlake #1	P	400	Uintah	Vernal	6/85	CO	Rio Blanco	Und.	C	Bit.	10,500	0.4	LT	Yes	1,110
	Moonlake #2	P	400	Uintah	Vernal	1997	CO	Rio Blanco	Und.	C	Bit.	10,500	0.4	LT	Yes	1,110
Los Angeles Dept. of Water & Power (Calif.)	Intermountain #1	P	750	Millard	Lynndyl	6/87	UT	Carbon	Und.	R	Bit.	11,000	0.75		No	1,986
	Intermountain #2	P	750	Millard	Lynndyl	6/88	UT	Carbon	Und.	R	Bit.	11,000	0.75		No	1,986
	Intermountain #3	P	750	Millard	Lynndyl	5/89	UT	Carbon	Und.	R	Bit.	11,000	0.75		No	1,986
	Intermountain #4	P	750	Millard	Lynndyl	1/89	UT	Carbon	Und.	R	Bit.	11,000	0.75		No	1,986
								Emery	Und.	R	Bit.	11,000	0.75			
Nevada Power Co.(NV)	St. George #1 (Warner)	P	250	Washington	St. George	6/83	UT	Kane	Und.	R	Bit.	11,900	<1.0	35	No	612
	St. George #2 (Warner)	P	250	Washington	St. George	6/84	UT	Kane	Und.	R	Bit.	11,900	<1.0	35	No	612
Utah Power & Light Co.	Hunter (Emery)#2	U	400	Emery	Emery	6/80	UT	Emery	Und.	T, C	Bit.	12,100	0.65	Owned	Yes	963
	Hunter (Emery)#3	U	400	Emery	Emery	6/83	UT	Emery	Und.	T, C	Bit.	12,100	0.65	Owned	Yes	963
	Hunter (Emery)#4	P	400	Emery	Emery	6/85	UT	Emery	Und.	T, C	Bit.	12,100	0.65	Owned	Yes	963
	Plant X	P	500			6/86	Western Coal								1,324**	
	Plant Y	P	500			6/88	Western Coal								1,324**	
VIRGINIA																
Virginia Elec. & Power Co.	Fossil Unit #1	P	840			4/87	Eastern Coal				Bit.	12,000	2.5-3			2,039
WEST VIRGINIA																
Allegheny Power Systems, Inc. (APS)	Pleasants #1	U	126	Pleasants	Parkerburg	3/79	WV	Barbour	Sur,Und.	R	Bit.	12,800	2.5		No	1,425
	Pleasants #2	U	126	Pleasants	Parkerburg	3/80	WV	Barbour	Sur,Und.	R	Bit.	12,800	2.5		No	1,425
Appalachian Power Co.	Mountaineer #4	U	330	Mason	Lev Haven	6/79	WV Primary Source E.KY alternative source			R	Bit.	12,000	<1.2		No	3,156
										R	Bit.	12,000	<1.2			
WISCONSIN																
Dairyland Power Coop.	J.P. Madgett (Alma) #6	U	150	Buffalo	Alma	6/79	WY	Campbell	Sur.	R, E	Sub.	8,250	0.65	LT	No	1,236
Wisconsin Elec. Power Co.	Unsite #1	P	430			6/85	WY or		Sur.	R	Sub.	8,500	0.5		No	1,371
							MT		Sur.	R	Sub.	8,500	0.5			
	Pleasant Prairie #1	U	530	Kenosha	Pleasant Prairie	4/80	WY	Campbell	Sur.	R	Sub.	8,800	0.5	20	No	1,920
								Sweetwater	Sur.	R	Sub.	8,800	0.5	20		
								Carbon	Sur.	R	Sub.	8,800	0.5	20		
	Pleasant Prairie #2	U	580	Kenosha	Pleasant Prairie	4/82	WY	Campbell	Sur.	R	Sub.	8,800	0.5	20	No	1,920
								Sweetwater	Sur.	R	Sub.	8,800	0.5	20		
								Carbon	Sur.	R	Sub.	8,800	0.5	20		
Wisconsin Power & Light Co.	Edgewater #5	P	400	Sheboygan	Sheboygan	3/83	Western Coal									1,295***
Wisconsin Public Serv. Corp.	Weston #3	P	300	Marathon	Weston	3/82	WY	Campbell	Sur.	R	Sub.	8,150	0.55	35	No	1,072
	Weston #4	P	300	Marathon	Weston	6/86										971***

Table 4.3. (Cont'd)

Utility	Plant Name	Plant		Plant Location		Initial Operation Year	Source of Coal		Mode of Tran.	Quality of Coal		Coal Contr. Year	Mine Mouth	Estimated Coal Rqmt. (10 ³ t/yr)		
		Status	Cap. MW	County	City		State	County		Type of Mining	Htg. Value (Btu/lb)				Sulfur Cont.	
WYOMING																
Basin Electric Power Coop.	Laramie Riv. #1	U	500	Platte	Wheatland	4/80	WY	Campbell	Sur.	R	Sub.	8,100	0.45	35	No	1,798
	Laramie Riv. #2	U	500	Platte	Wheatland	9/80	WY	Campbell	Sur.	R	Sub.	8,100	0.45	35	No	1,798
	Laramie Riv. #3	U	500	Platte	Wheatland	4/82	WY	Campbell	Sur.	R	Sub.	8,100	0.45	35	No	1,798
Pacific Power & Light Co. (Oregon)	J. Bridger #4	U	508	Sweetwater	Rockspring	2/79	WY	Sweetwater	Sur.	T	Sub.	9,600	0.6	35	Yes	1,541
	Wyodak #2	P	300	Campbell	Gillette	5/83	WY	Campbell	Sur.	C	Sub.	8,500	0.5	35	Yes	1,028

U = Under Construction
P = Planned
R = Rail
B = Barge
T = Truck

PL = Pipeline
C = Conveyor
LV = Lake Vessel
LT = Long Term
ST = Short Term

* = Assumed Btu/lb 12,000.
** = Assumed Btu/lb 11,000.
*** = Assumed Btu/lb 9,000.

+ = Average Btu value between the various sources of coal, that is, 13,000 Btu + 12,000 Btu = 25,000 Btu/2 = 12,500 Btu/lb.

Table 4.4. Origin and Destination of Ccal for New Power Plants (1992)
(10³ tcns/year)

Origin	Destination				
	Alabama	Arizona	Arkansas	Colorado	Delaware
Alabama	5,176 (5,176)	--	--	--	--
Colorado	--	--	--	12,207 (5,550)	--
Illinois	--	--	--	--	--
Indiana	--	--	--	--	--
Kansas	--	--	--	--	--
E. Kentucky	354 (354)	--	--	--	--
W. Kentucky	--	--	--	--	--
Louisiana	--	--	--	--	--
Missouri	--	--	--	--	--
Montana	--	--	--	--	--
New Mexico	--	5,470 (4,960)	--	--	--
North Dakota	--	--	--	--	--
Ohio	--	--	--	--	--
Pennsylvania	--	--	--	--	464 (464)
Tennessee	354 (354)	--	--	--	--
Texas	--	--	--	--	--
Utah	--	978 (978)	--	--	--
Virginia	--	--	--	--	--
West Virginia	--	--	--	--	464 (464)
Wyoming	--	--	10,196 (10,196)	1,713 (1,713)	--
Sub-Total	5,884 (5,884)	6,448 (5,938)	10,196 (10,196)	13,920 (7,263)	978 (978)
Origin Not Specified	<u>6,761</u>	<u>1,020</u>	<u> </u>	<u>11,863</u>	<u> </u>
Total	12,645	7,448	10,196	25,783	978

Table 4.4 (Cont'd)

Origin	Destination				
	Florida	Georgia	Illinois	Indiana	Iowa
Alabama	--	--	--	--	--
Colorado	--	--	--	--	186 (186)
Illinois	1,455 (1,456)	--	7,990 (1,996)	6,732 (6,732)	416
Indiana	--	--	--	5,386 (4,034)	--
Kansas	--	--	--	--	--
E. Kentucky	--	1,915 (1,915)	--	--	--
W. Kentucky	1,456 (1,456)	--	--	--	--
Louisiana	--	--	--	--	--
Missouri	--	--	--	--	--
Montana	--	--	--	--	--
New Mexico	--	--	--	--	--
North Dakota	--	--	--	--	--
Ohio	--	--	--	--	--
Pennsylvania	--	--	--	--	--
Tennessee	--	1,915 (1,915)	--	--	--
Texas	--	--	--	--	--
Utah	--	--	--	--	--
Virginia	--	1,915 (1,915)	--	--	--
West Virginia	570 (570)	1,915 (1,915)	--	--	--
Wyoming	--	--	--	10,659 (1,751)	6,368 (4,087)
Sub-Total	3,482 (3,482)	7,660 (7,660)	7,990 (1,996)	22,777 (12,517)	6,970 (4,273)
Origin Not Specified	16,990	6,439	2,912	5,163	1,780
Total	20,472	14,099	10,902	27,940	8,750

Table 4.4. (Cont'd)

Origin	Destination				
	Kansas	Kentucky	Louisiana	Maine	Maryland
Alabama	--	--	--	--	--
Colorado	--	--	--	--	--
Illinois	--	--	--	--	--
Indiana	--	--	--	--	--
Kansas	--	--	--	--	--
E. Kentucky	--	4,041 (1,393)	--	--	--
W. Kentucky	--	15,577 (8,099)	--	--	--
Louisiana	--	--	6,901 (6,901)	--	--
Missouri	--	--	--	--	--
Montana	--	--	2,626 (2,626)	--	--
New Mexico	--	--	--	--	--
North Dakota	--	--	--	--	--
Ohio	--	--	--	--	--
Pennsylvania	--	--	--	1,379	--
Tennessee	--	--	--	--	--
Texas	--	--	--	--	--
Utah	--	--	--	--	--
Virginia	--	--	--	--	--
West Virginia	--	--	--	--	--
Wyoming	10,323 (10,323)	--	8,126 (8,125)	--	--
Sub-Total	10,323 (10,323)	20,618 (9,492)	17,653 (17,653)	1,379	
Origin Not Specified		4,868	5,691		2,794
Total	10,323	25,486	23,344	1,379	2,794

Table 4.4. (Cont'd)

Origin	Destination				
	Michigan	Minnesota	Mississippi	Missouri	Montana
Alabama	--	--	--	--	--
Colorado	--	--	610 (610)	--	--
Illinois	--	--	--	527 (527)	--
Indiana	212	--	--	--	--
Kansas	--	--	--	255 (255)	--
E. Kentucky	2,809	--	--	--	--
W. Kentucky	--	--	--	--	--
Louisiana	--	--	--	--	--
Missouri	--	--	--	2,090 (2,090)	--
Montana	4,029 (3,900)	7,195 (1,713)	--	--	4,798 (4,798)
New Mexico	--	--	--	--	--
North Dakota	--	--	--	--	--
Ohio	--	--	--	--	--
Pennsylvania	--	--	--	--	--
Tennessee	--	--	--	--	--
Texas	--	--	--	--	--
Utah	--	--	610 (610)	--	--
Virginia	--	--	--	--	--
West Virginia	--	--	--	--	--
Wyoming	128	--	--	4,422 (4,422)	--
Sub-Total	7,178 (3,900)	7,195 (1,713)	1,220 (1,220)	7,294 (7,294)	4,798 (4,798)
Origin Not Specified	66	4,207	5,750	971	--
Total	7,244	11,402	6,970	8,265	4,798

Table 4.4. (Cont'd)

Origin	Destination				
	Nebraska	Nevada	N. Jersey	N. Mexico	New York
Alabama	--	--	--	--	--
Colorado	--	--	--	--	--
Illinois	--	--	--	--	--
Indiana	--	--	--	--	--
Kansas	--	--	--	--	--
E. Kentucky	--	--	--	--	--
W. Kentucky	--	--	--	--	--
Louisiana	--	--	--	--	--
Missouri	--	--	--	--	--
Montana	--	--	--	--	--
New Mexico	--	--	--	4,700 (4,700)	--
North Dakota	--	--	--	--	--
Ohio	--	--	--	--	--
Pennsylvania	--	--	1,827	--	2,775
Tennessee	--	--	--	--	--
Texas	--	--	--	--	--
Utah	--	6,334 (6,334)	--	--	--
Virginia	--	--	--	--	--
West Virginia	--	--	--	--	1,077
Wyoming	8,190 (6,158)	--	--	--	2,662
Sub-Total	8,190 (6,158)	6,334 (6,334)	1,827	4,700 (4,700)	6,514
Origin Not Specified	719	--	975	961	--
Total	8,909	6,334	2,802	5,661	6,514

Table 4.4. (Cont'd)

Origin	Destination				
	N. Carolina	N. Dakota	Ohio	Oklahoma	Oregon
Alabama	--	--	--	--	--
Colorado	--	--	--	--	--
Illinois	--	--	--	--	--
Indiana	--	--	--	--	--
Kansas	--	--	--	--	--
E. Kentucky	2,558 (2,558)	--	1,456 (1,456)	--	--
W. Kentucky	--	--	--	--	--
Louisiana	--	--	--	--	--
Missouri	--	--	--	--	--
Montana	--	--	--	--	--
New Mexico	--	--	--	--	--
North Dakota	--	11,808 (8,296)	--	--	--
Ohio	--	--	4,499	--	--
Pennsylvania	--	--	--	--	--
Tennessee	--	--	--	--	--
Texas	--	--	--	--	--
Utah	--	--	--	--	--
Virginia	--	--	--	--	--
West Virginia	2,557 (2,557)	--	1,456 (1,456)	--	--
Wyoming	--	--	--	16,268 (16,268)	1,930 (1,930)
Sub-Total	5,115 (5,115)	11,808 (8,296)	7,411 (2,912)	16,268 (16,268)	1,930 (1,930)
Origin Not Specified	--	4,480	--	7,104	--
Total	5,115	16,288	7,411	23,372	1,930

Table 4.4. (Cont'd)

Origin	Destination				
	Pennsylvania	S. Carolina	Texas	Utah	Virginia
Alabama	--	--	--	--	--
Colorado	--	--	87 (87)	2,220 (2,220)	--
Illinois	--	--	1,582 (1,582)	--	--
Indiana	--	--	--	--	--
Kansas	--	--	--	--	--
E. Kentucky	510	5,728 (1,360)	--	--	--
W. Kentucky	--	--	--	--	--
Louisiana	--	--	--	--	--
Missouri	--	--	--	--	--
Montana	--	--	3,396 (3,396)	--	--
New Mexico	--	--	--	--	--
North Dakota	--	--	--	--	--
Ohio	1,022	--	--	--	--
Pennsylvania	12,344	--	--	--	--
Tennessee	--	--	--	--	--
Texas	--	--	37,182 (28,220)	--	--
Utah	--	--	--	15,941 (7,997)	--
Virginia	--	--	--	--	--
West Virginia	510	--	--	--	--
Wyoming	--	--	14,269 (14,269)	--	--
Sub-Total	14,386	5,728 (1,360)	56,516 (47,554)	18,161 (10,217)	--
Origin Not Specified	--	2,330	2,193	2,648	2,039
Total	14,386	8,058	58,709	20,809	2,039

Table 4.4. (Cont'd)

Origin	Destination			Total
	W. Virginia	Wisconsin	Wyoming	
Alabama	--	--	--	5,176 (5,176)
Colorado	--	--	--	16,197 (8,565)
Illinois	--	--	--	18,703 (12,293)
Indiana	--	--	--	5,598 (4,034)
Kansas	--	--	--	255 (255)
E. Kentucky	1,578	--	--	20,949 (9,036)
W. Kentucky	--	--	--	18,033 (9,555)
Louisiana	--	--	--	12,371 (11,861)
Missouri	--	--	--	2,090 (2,090)
Montana	--	686	--	22,730 (16,433)
New Mexico	--	--	--	4,700 (4,700)
North Dakota	--	--	--	11,808 (8,296)
Ohio	--	--	--	5,521 (--)
Pennsylvania	--	--	--	18,789 (464)
Tennessee	--	--	--	2,269 (2,269)
Texas	--	--	--	37,182 (28,220)
Utah	--	--	--	23,863 (15,919)
Virginia	--	--	--	1,915 (1,915)
West Virginia	4,428	--	--	12,977 (6,962)
Wyoming	--	6,833 (6,148)	7,963 (7,963)	111,965 (93,354)
Sub-Total	6,006	7,519 (6,148)	7,963 (7,963)	353,091 (241,484)
Origin Not Specified	--	2,266	--	102,990
Total	6,006	9,785	7,963	456,081

NOTE: Where the origin of coal is from more than one state for a given power plant, the amount of coal requirement is equally apportioned among the various states.

When there are alternative sources of coal for a given power plant where no commitments have been made at this point in time of a particular alternative source of coal, the coal requirements for that given power plant have been equally apportioned among the alternative sources (States).

()Quantity of coal shown within the parentheses represents the amount of coal under firm contract as of August 1979.

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APPENDIXES

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APPENDIX A

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 Pennsylvania Railroad.
Westmoreland County (part).—All mines served by the Pennsylvania Railroad from Torrance, 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 Pennsylvania Railroad.
Westmoreland County (part).—All mines except those served by the Pennsylvania Railroad from Torrance, 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

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 Boiesvain 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 Boiesvain 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 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
Clairborne	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	Jepkins	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	Squoyah

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.

APPENDIX B

Questionnaire for Survey of Electric Utility Demand for Coal

Name of Utility: _____

Person Contacted: _____

On the questionnaire sent to you last year, you provided the following information about coal for your power plant.

<u>Names of Plant(s)</u>	<u>Capacity (MW)</u>	<u>Location of Plant</u>		
		<u>County</u>	<u>Nearest City</u>	<u>On What River</u>

Source of Coal:

<u>State</u>	<u>Region</u>	<u>County</u>	<u>Type of Mining</u>	<u>Minemouth</u>

Quality of Coal:

<u>Type of Coal</u>	<u>Heating Value (Btu/lb)</u>	<u>Sulfur Content (weight percent)</u>

- Are you still planning to use the same sources of coal supply as indicated above? If not, what is your new source of coal supply?

Source of Coal:

<u>State</u>	<u>Region</u>	<u>County</u>	<u>Type of Mining</u>

Quality of Coal:

<u>Type of Coal</u>	<u>Heating Value (Btu/lb)</u>	<u>Sulfur Content (weight percent)</u>

- How long does this coal contract run?
- In view of the new best available control technology (BACT) requirements requiring scrubbers on all power plants, do you believe you will switch to Appalachian or Midwestern coal when your present coal supply contract expires?

4. Mode of Transporting Coal:

<u>Railroad</u>	<u>Barge</u>	<u>Truck</u>	<u>Pipeline</u>	<u>Conveyor</u>	<u>Intermodal (What Mode)</u>	<u>Other</u>

- Transportation cost: \$/ton _____ or ¢/10⁶Btu _____

- Transportation routing:

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