

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

REGULATORY DOCKET FILE COPY

830 Power Building

AUG 31 1978

Mr. Argil Toalston, Chief
Power Supply Analysis Section
Antitrust Indemnity Group
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

US NRC
DISTRIBUTION SERVICES
BRANCH

1978 SEP 1 PM 3 53

DISTRIBUTION
SERVICES UNIT

Dear Mr. Toalston:

In the Matter of the Application of) Docket Nos. 50-390
Tennessee Valley Authority) 50-391
50-438
50-439

In response to your letter of May 15, 1978, we are forwarding herewith 5 copies of additional antitrust information related to the Watts Bar Nuclear Plant, in accordance with Regulatory Guide 9.3. As indicated in my letter of July 31, 1978, we are also forwarding 5 copies of additional antitrust information related to the Bellefonte Nuclear Plant. The reports for both nuclear plants are almost identical and the only significant difference is the response to Regulatory Guide 9.3 Section B.1.a.

Very truly yours,

J. E. Gilleland
Assistant Manager of Power

Subscribed and sworn to before
me this 31st day of Aug. 1978

Bryant M. Lowery
Notary Public

My Commission Expires 4/4/82

Enclosures

782490022

None
3/5
see
list

TENNESSEE VALLEY AUTHORITY

UNITS 1 AND 2

WATTS BAR NUCLEAR PLANT

RHEA COUNTY, TENNESSEE

**ANTITRUST
FURNISHED
REGULA**

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UNITS 1 AND 2
WATTS BAR NUCLEAR PLANT
RHEA COUNTY, TENNESSEE

August 31, 1978

The information provided in this report augments the antitrust information furnished in June 1972 pursuant to AEC Letter of July 22, 1971. This additional information is in accordance with Regulatory Guide 9.3, "Information Needed by the AEC Regulatory Staff in Connection with its Antitrust Review of Operating License Applications for Nuclear Power Plants".

ANTITRUST INFORMATION
FURNISHED PURSUANT TO
REGULATORY GUIDE 9.3

REGULATORY GUIDE 9.3

ITEM B.1.a

Anticipated excess or shortage in generating capacity resources not expected at the construction permit stage. Reasons for the excess or shortage along with data on how the excess will be allocated, distributed, or otherwise utilized or how the shortage will be obtained.

RESPONSE

At the construction permit stage, Watts Bar Nuclear Plant unit 1 was scheduled for commercial operation in May 1977, and unit 2 was scheduled for commercial operation in February 1978. At that time, TVA estimated the following excess and shortages.

<u>Period</u>	<u>Surplus/Deficit (MW)</u>
Winter 1979-80	-1,803
Summer 1980	477

Since the construction permit stage, Watts Bar units 1 and 2 have been delayed to December 1979 and September 1980, respectively. In the interim, TVA has installed 1,413.2 MW (nameplate) of additional combustion turbine capacity to cover delays of nuclear units and the Raccoon Mountain Pumped-Storage Project delays. TVA's present estimate of capacity shortages is as follows:

<u>Period</u>	<u>Surplus/Deficit (MW)</u>
Winter 1979-1980	-681
Summer 1980	761

REGULATORY GUIDE 9.3

ITEM B.1.b

New power pools or coordinating groups or changes in structure, activities, policies, practices, or membership of power pools or coordinating groups in which the licensee was, is, or will be a participant.

RESPONSE

TVA is not a member of any coordinating group or pool in the context used herein.

REGULATORY GUIDE 9.3

ITEM B.1.c

Changes in transmission with respect to (1) the nuclear plant, (2) interconnections, or (3) connections to wholesale customers.

RESPONSE

Since the submittal by TVA of "Antitrust Information Furnished Pursuant to AEC Letter of July 22, 1971," there have been only two changes in the TVA system transmission connections. These changes, as indicated on the attached "TVA Power System" map, are in the Cumberland Steam Plant connections and the Widows Creek-Miller 500-kV transmission lines.

**THIS PAGE IS AN
OVERSIZED DRAWING OR
FIGURE,
THAT CAN BE VIEWED AT THE
RECORD TITLED:
“TVA POWER
SYSTEM, MAP S2”**

**WITHIN THIS PACKAGE... OR
BY SEARCHING USING THE
DOCUMENT/REPORT NO.**

D-01X

REGULATORY GUIDE 9.3

ITEM B.1.d

Changes in the ownership or contractual allocation of the output of the nuclear facility. Reasons and basis for such changes should be included.

RESPONSE

There are no changes in ownership or contractual allocation of the output of Watts Bar Nuclear Plant.

REGULATORY GUIDE 9.3

ITEM B.1.e

Changes in design, provisions, or conditions of rate schedules and reasons for such changes. Rate increases or decreases are not necessary.

RESPONSE

Since the submittal by TVA of "Antitrust Information Furnished Pursuant to AEC Letter of July 22, 1971," TVA has replaced its then existing rate schedules and Adjustment Addendum with the Schedule of Rates and Charges, WS, RS-1 through RS-12, GS-1 through GS-12, LS, and Appendix I to the Schedule of Rates and Charges (Attachment I). The revision, which includes changes in design, provisions, and conditions of rate schedules, became effective in January 1977 and was developed to permit rates and charges to reflect existing cost conditions, to improve the relationship between wholesale power costs and retail revenue, and to provide a more suitable allocation of the costs of subtransmission service in the rate structure.

Through Adjustment Addendums effective in July 1977 and July 1978, TVA increased demand and energy charges in both the wholesale and resale rate schedules under its Schedule of Rates and Charges.

Attachment I

TENNESSEE VALLEY AUTHORITY SCHEDULE OF RATES AND CHARGES

WHOLESALE POWER RATE--SCHEDULE WS (October 1976)

Availability

Firm power available under long-term contracts with, and for distribution and resale by, States, counties, municipalities, and cooperative organizations of citizens or farmers, all referred to herein as "Distributor."

Base Charges

Delivery Point Charge: \$1,500 per delivery point per month

Demand Charge: \$1.81 per kilowatt of demand per month

Energy Charge: 0.950 cent per kilowatthour per month as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Adjustments

1. Distributor's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.
2. Distributor's bill for each month shall be adjusted by adding to the bill 10 cents per kW and 0.02 cent per kWh for power and energy resold by Distributor in the preceding month to any consumer which has a billing demand of more than 10,000 kW or which uses more than 5 million kWh (herein referred to as a large load), except that such adjustment shall not apply to any portion of a large load up to the following respective amounts: 10,000 kW plus an amount (not to exceed 20,000 kW) equal to that portion of Distributor's demand at the TVA delivery point from which such large load is served by Distributor which is in excess of the sum of the billing demands of all large loads served by Distributor from that delivery point; 5 million kWh plus an amount (not to exceed 15 million kWh) equal to that portion of Distributor's purchases of energy at the TVA delivery point from which such large load is served by Distributor which is in excess of the energy resold to all large loads served by Distributor from that delivery point.

Determination of Demand

The demand for any month shall be the highest average during any 60-consecutive-minute period of the month of (a) the load measured in kilowatts or (b) 85 percent of the load in kVA plus 10 percent of the excess over 5,000 kVA of the maximum kVA demand for the month for each individual consumer, whichever is the higher.

Facilities Rental

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to Distributor's bill a facilities rental charge. This charge shall be 20 cents per kW per month, except for delivery at voltages below 46 kV, in which case the charge shall be 55 cents per kW per month for the first 10,000 kW and 30 cents per kW per month for the excess over 10,000 kW. Such charge shall be applied to the highest billing demand established at each delivery point during the latest 12-consecutive-month period and shall be in addition to all other charges under this rate schedule including minimum bill charges.

Minimum Bill

The monthly bill, exclusive of Adjustment 2, shall not be less than the higher of (1) the base delivery point charge or (2) 70 percent of the highest billing demand established during the previous 36 months multiplied by the base demand charge (adjusted for the portion of the current Adjustment Addendum applicable to the Distributor's billing demand as provided in Adjustment 1 above). At Distributor's request, in lieu of such minimum bill being applied individually in the case of two or more delivery points through each of which less than half of the energy taken by Distributor is resold to lighting and power consumers with demands of 50 kW or more, the minimum bill, exclusive of Adjustment 2, for any month for such delivery points, considered together, shall instead be an amount equal to the sum of the minimum bills which would otherwise have been applicable to such delivery points for such month; provided, however, that a special minimum bill shall be applied for any delivery point through which more than 75 percent of the energy taken by Distributor is resold to lighting and power consumers with demands of 50 kW or more.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to Distributor through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

RESIDENTIAL RATE--SCHEDULE RS-1
(October 1976)

Availability

This rate shall apply only to electric service to a single family dwelling and its appurtenances, where the major use of electricity is for domestic purposes such as lighting, household appliances, and the personal comfort and convenience of those residing therein. Any such dwelling in which space is occasionally used for the conduct of business by a person residing therein may be served under this rate. Where a portion of a dwelling is used regularly for the conduct of business, the electricity consumed in that portion so used shall be separately metered and billed under the General Power Rate; if separate circuits are not provided by the customer, service to the entire premises shall be billed under the General Power Rate.

Character of Service

Alternating current, single-phase, 60 hertz. Voltage supplied shall be at the discretion of Distributor and shall be determined by the voltage available from distribution lines in the vicinity and/or other conditions. Multi-phase service shall be supplied in accordance with Distributor's standard policy.

Base Charges

Customer Charge: \$3.50 per delivery point per month

Energy Charge:

First 500 kilowatthours per month at 3.347 cents per kilowatthour*

Additional " " " " 1.947 " " kilowatthour*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Minimum Monthly Bill

The customer charge constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher minimum monthly bill is required under Distributor's standard policy because of special circumstances affecting Distributor's cost of rendering service.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

RESIDENTIAL RATE--SCHEDULE RS-2
(October 1976)

Availability

This rate shall apply only to electric service to a single family dwelling and its appurtenances, where the major use of electricity is for domestic purposes such as lighting, household appliances, and the personal comfort and convenience of those residing therein. Any such dwelling in which space is occasionally used for the conduct of business by a person residing therein may be served under this rate. Where a portion of a dwelling is used regularly for the conduct of business, the electricity consumed in that portion so used shall be separately metered and billed under the General Power Rate; if separate circuits are not provided by the customer, service to the entire premises shall be billed under the General Power Rate.

Character of Service

Alternating current, single-phase, 60 hertz. Voltage supplied shall be at the discretion of Distributor and shall be determined by the voltage available from distribution lines in the vicinity and/or other conditions. Multi-phase service shall be supplied in accordance with Distributor's standard policy.

Base Charges

Customer Charge: \$3.30 per delivery point per month

Energy Charge:

First 500 kilowatthours per month at 3.147 cents per kilowatthour*
Additional " " " " 1.917 " " kilowatthour*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Minimum Monthly Bill

The customer charge constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher minimum monthly bill is required under Distributor's standard policy because of special circumstances affecting Distributor's cost of rendering service.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

RESIDENTIAL RATE--SCHEDULE RS-3
(October 1976)

Availability

This rate shall apply only to electric service to a single family dwelling and its appurtenances, where the major use of electricity is for domestic purposes such as lighting, household appliances, and the personal comfort and convenience of those residing therein. Any such dwelling in which space is occasionally used for the conduct of business by a person residing therein may be served under this rate. Where a portion of a dwelling is used regularly for the conduct of business, the electricity consumed in that portion so used shall be separately metered and billed under the General Power Rate; if separate circuits are not provided by the customer, service to the entire premises shall be billed under the General Power Rate.

Character of Service

Alternating current, single-phase, 60 hertz. Voltage supplied shall be at the discretion of Distributor and shall be determined by the voltage available from distribution lines in the vicinity and/or other conditions. Multi-phase service shall be supplied in accordance with Distributor's standard policy.

Base Charges

Customer Charge: \$3.10 per delivery point per month

Energy Charge:

First 500 kilowatthours per month at 2.947 cents per kilowatthour*
Additional " " " " 1.887 " " kilowatthour*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Minimum Monthly Bill

The customer charge constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher minimum monthly bill is required under Distributor's standard policy because of special circumstances affecting Distributor's cost of rendering service.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

RESIDENTIAL RATE--SCHEDULE RS-4
(October 1976)

Availability

This rate shall apply only to electric service to a single family dwelling and its appurtenances, where the major use of electricity is for domestic purposes such as lighting, household appliances, and the personal comfort and convenience of those residing therein. Any such dwelling in which space is occasionally used for the conduct of business by a person residing therein may be served under this rate. Where a portion of a dwelling is used regularly for the conduct of business, the electricity consumed in that portion so used shall be separately metered and billed under the General Power Rate; if separate circuits are not provided by the customer, service to the entire premises shall be billed under the General Power Rate.

Character of Service

Alternating current, single-phase, 60 hertz. Voltage supplied shall be at the discretion of Distributor and shall be determined by the voltage available from distribution lines in the vicinity and/or other conditions. Multi-phase service shall be supplied in accordance with Distributor's standard policy.

Base Charges

Customer Charge: \$2.90 per delivery point per month

Energy Charge:

First 500 kilowatthours per month at 2.747 cents per kilowatthour*
Additional " " " " 1.857 " " kilowatthour*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Minimum Monthly Bill

The customer charge constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher minimum monthly bill is required under Distributor's standard policy because of special circumstances affecting Distributor's cost of rendering service.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

RESIDENTIAL RATE--SCHEDULE RS-5
(October 1976)

Availability

This rate shall apply only to electric service to a single family dwelling and its appurtenances, where the major use of electricity is for domestic purposes such as lighting, household appliances, and the personal comfort and convenience of those residing therein. Any such dwelling in which space is occasionally used for the conduct of business by a person residing therein may be served under this rate. Where a portion of a dwelling is used regularly for the conduct of business, the electricity consumed in that portion so used shall be separately metered and billed under the General Power Rate; if separate circuits are not provided by the customer, service to the entire premises shall be billed under the General Power Rate.

Character of Service

Alternating current, single-phase, 60 hertz. Voltage supplied shall be at the discretion of Distributor and shall be determined by the voltage available from distribution lines in the vicinity and/or other conditions. Multi-phase service shall be supplied in accordance with Distributor's standard policy.

Base Charges

Customer Charge: \$2.75 per delivery point per month

Energy Charge:

First 500 kilowatthours per month at 2.597 cents per kilowatthour*
Additional " " " " 1.827 " " kilowatthour*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Minimum Monthly Bill

The customer charge constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher minimum monthly bill is required under Distributor's standard policy because of special circumstances affecting Distributor's cost of rendering service.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

**RESIDENTIAL RATE--SCHEDULE RS-6
(October 1976)**

Availability

This rate shall apply only to electric service to a single family dwelling and its appurtenances, where the major use of electricity is for domestic purposes such as lighting, household appliances, and the personal comfort and convenience of those residing therein. Any such dwelling in which space is occasionally used for the conduct of business by a person residing therein may be served under this rate. Where a portion of a dwelling is used regularly for the conduct of business, the electricity consumed in that portion so used shall be separately metered and billed under the General Power Rate; if separate circuits are not provided by the customer, service to the entire premises shall be billed under the General Power Rate.

Character of Service

Alternating current, single-phase, 60 hertz. Voltage supplied shall be at the discretion of Distributor and shall be determined by the voltage available from distribution lines in the vicinity and/or other conditions. Multi-phase service shall be supplied in accordance with Distributor's standard policy.

Base Charges

Customer Charge: \$2.60 per delivery point per month

Energy Charge:

First 500 kilowatthours per month at 2.447 cents per kilowatthour*
Additional " " " " 1.797 " " kilowatthour*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Minimum Monthly Bill

The customer charge constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher minimum monthly bill is required under Distributor's standard policy because of special circumstances affecting Distributor's cost of rendering service.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor

RESIDENTIAL RATE--SCHEDULE RS-7
(October 1976)

Availability

This rate shall apply only to electric service to a single family dwelling and its appurtenances, where the major use of electricity is for domestic purposes such as lighting, household appliances, and the personal comfort and convenience of those residing therein. Any such dwelling in which space is occasionally used for the conduct of business by a person residing therein may be served under this rate. Where a portion of a dwelling is used regularly for the conduct of business, the electricity consumed in that portion so used shall be separately metered and billed under the General Power Rate; if separate circuits are not provided by the customer, service to the entire premises shall be billed under the General Power Rate.

Character of Service

Alternating current, single-phase, 60 hertz. Voltage supplied shall be at the discretion of Distributor and shall be determined by the voltage available from distribution lines in the vicinity and/or other conditions. Multi-phase service shall be supplied in accordance with Distributor's standard policy.

Base Charges

Customer Charge: \$2.45 per delivery point per month

Energy Charge:

First 500 kilowatthours per month at 2.297 cents per kilowatthour*
Additional " " " " 1.777 " " kilowatthour*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Minimum Monthly Bill

The customer charge constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher minimum monthly bill is required under Distributor's standard policy because of special circumstances affecting Distributor's cost of rendering service.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

RESIDENTIAL RATE--SCHEDULE RS-8
(October 1976)

Availability

This rate shall apply only to electric service to a single family dwelling and its appurtenances, where the major use of electricity is for domestic purposes such as lighting, household appliances, and the personal comfort and convenience of those residing therein. Any such dwelling in which space is occasionally used for the conduct of business by a person residing therein may be served under this rate. Where a portion of a dwelling is used regularly for the conduct of business, the electricity consumed in that portion so used shall be separately metered and billed under the General Power Rate; if separate circuits are not provided by the customer, service to the entire premises shall be billed under the General Power Rate.

Character of Service

Alternating current, single-phase, 60 hertz. Voltage supplied shall be at the discretion of Distributor and shall be determined by the voltage available from distribution lines in the vicinity and/or other conditions. Multi-phase service shall be supplied in accordance with Distributor's standard policy.

Base Charges

Customer Charge: \$2.30 per delivery point per month

Energy Charge:

First 500 kilowatthours per month at 2.147 cents per kilowatthour*
Additional " " " " 1.757 " " kilowatthour*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Minimum Monthly Bill

The customer charge constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher minimum monthly bill is required under Distributor's standard policy because of special circumstances affecting Distributor's cost of rendering service.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

RESIDENTIAL RATE--SCHEDULE RS-9
(October 1976)

Availability

This rate shall apply only to electric service to a single family dwelling and its appurtenances, where the major use of electricity is for domestic purposes such as lighting, household appliances, and the personal comfort and convenience of those residing therein. Any such dwelling in which space is occasionally used for the conduct of business by a person residing therein may be served under this rate. Where a portion of a dwelling is used regularly for the conduct of business, the electricity consumed in that portion so used shall be separately metered and billed under the General Power Rate; if separate circuits are not provided by the customer, service to the entire premises shall be billed under the General Power Rate.

Character of Service

Alternating current, single-phase, 60 hertz. Voltage supplied shall be at the discretion of Distributor and shall be determined by the voltage available from distribution lines in the vicinity and/or other conditions. Multi-phase service shall be supplied in accordance with Distributor's standard policy.

Base Charges

Customer Charge: \$2.20 per delivery point per month

Energy Charge:

First 500 kilowatthours per month at 1.997 cents per kilowatthour*
Additional " " " " 1.737 " " kilowatthour*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Minimum Monthly Bill

The customer charge constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher minimum monthly bill is required under Distributor's standard policy because of special circumstances affecting Distributor's cost of rendering service.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

RESIDENTIAL RATE--SCHEDULE RS-10
(October 1976)

Availability

This rate shall apply only to electric service to a single family dwelling and its appurtenances, where the major use of electricity is for domestic purposes such as lighting, household appliances, and the personal comfort and convenience of those residing therein. Any such dwelling in which space is occasionally used for the conduct of business by a person residing therein may be served under this rate. Where a portion of a dwelling is used regularly for the conduct of business, the electricity consumed in that portion so used shall be separately metered and billed under the General Power Rate; if separate circuits are not provided by the customer, service to the entire premises shall be billed under the General Power Rate.

Character of Service

Alternating current, single-phase, 60 hertz. Voltage supplied shall be at the discretion of Distributor and shall be determined by the voltage available from distribution lines in the vicinity and/or other conditions. Multi-phase service shall be supplied in accordance with Distributor's standard policy.

Base Charges

Customer Charge: \$2.10 per delivery point per month

Energy Charge:

First 500 kilowatthours per month at 1.847 cents per kilowatthour*
Additional " " " " 1.717 " " kilowatthour*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Minimum Monthly Bill

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Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

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Service is subject to Rules and Regulations of Distributor.

RESIDENTIAL RATE--SCHEDULE RS-11
(October 1976)

Availability

This rate shall apply only to electric service to a single family dwelling and its appurtenances, where the major use of electricity is for domestic purposes such as lighting, household appliances, and the personal comfort and convenience of those residing therein. Any such dwelling in which space is occasionally used for the conduct of business by a person residing therein may be served under this rate. Where a portion of a dwelling is used regularly for the conduct of business, the electricity consumed in that portion so used shall be separately metered and billed under the General Power Rate; if separate circuits are not provided by the customer, service to the entire premises shall be billed under the General Power Rate.

Character of Service

Alternating current, single-phase, 60 hertz. Voltage supplied shall be at the discretion of Distributor and shall be determined by the voltage available from distribution lines in the vicinity and/or other conditions. Multi-phase service shall be supplied in accordance with Distributor's standard policy.

Base Charges

Customer Charge: \$2.00 per delivery point per month

Energy Charge:

First 500 kilowatthours per month at 1.697 cents per kilowatthour*
Additional " " " " 1.697 " " kilowatthour*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Minimum Monthly Bill

The customer charge constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher minimum monthly bill is required under Distributor's standard policy because of special circumstances affecting Distributor's cost of rendering service.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

RESIDENTIAL RATE--SCHEDULE RS-12
(October 1976)

Availability

This rate shall apply only to electric service to a single family dwelling and its appurtenances, where the major use of electricity is for domestic purposes such as lighting, household appliances, and the personal comfort and convenience of those residing therein. Any such dwelling in which space is occasionally used for the conduct of business by a person residing therein may be served under this rate. Where a portion of a dwelling is used regularly for the conduct of business, the electricity consumed in that portion so used shall be separately metered and billed under the General Power Rate; if separate circuits are not provided by the customer, service to the entire premises shall be billed under the General Power Rate.

Character of Service

Alternating current, single-phase, 60 hertz. Voltage supplied shall be at the discretion of Distributor and shall be determined by the voltage available from distribution lines in the vicinity and/or other conditions. Multi-phase service shall be supplied in accordance with Distributor's standard policy.

Base Charges

Customer Charge: \$1.90 per delivery point per month

Energy Charge:

First 500 kilowatthours per month at 1.637 cents per kilowatthour*
Additional " " " " 1.637 " " kilowatthour*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Minimum Monthly Bill

The customer charge constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher minimum monthly bill is required under Distributor's standard policy because of special circumstances affecting Distributor's cost of rendering service.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

GENERAL POWER RATE--SCHEDULE GS-1
(October 1976)

Availability

This rate shall apply to the firm power requirements for electric service to commercial, industrial, and governmental customers; institutional customers including, without limitation, churches, clubs, fraternities, orphanages, retirement homes, rooming or boarding houses, and like customers; and other customers except those to whom service is available under other resale rate schedules.

Character of Service

Alternating current, single or three-phase, 60 hertz. Under A below power shall be delivered at a voltage available in the vicinity or agreed to by Distributor. Under B below power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

- A. If the customer's demand for the month and its contract demand, if any, are each 5,000 kilowatts or less:

Customer Charge: \$4.50 per delivery point per month

Demand Charge:

First 50 kilowatts of demand per month, no demand charge

Next 50 kilowatts of demand per month, at \$2.35 per kilowatt

Excess over 100 kilowatts of demand per month, at \$2.35 per kilowatt

Energy Charge:

First 500 kilowatthours per month	at	4.143	cents	per	kWh*			
Next 14,500	"	"	"	"	2.643	"	"	kWh*
Next 25,000	"	"	"	"	1.687	"	"	kWh*
Next 60,000	"	"	"	"	1.237	"	"	kWh*
Next 400,000	"	"	"	"	1.137	"	"	kWh*
Additional	"	"	"	"	1.097	"	"	kWh*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

- B. If either the customer's demand for the month or its contract demand is greater than 5,000 kilowatts:

Customer Charge: \$1,000 per delivery point per month

Demand Charge: \$1.91 per kilowatt of demand per month

Additional charge for any demand in excess of customer's contract demand: \$1.91 per kilowatt per month

Energy Charge: 0.993 cent per kilowatthour per month as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Facilities Rental Charge Applicable Under B Above

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 20 cents per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 55 cents per kW per month for the first 10,000 kW and 30 cents per kW per month for the excess over 10,000 kW. Such charge shall be applied to the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule including minimum bill charges.

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Determination of Demand

Distributor shall measure the demands in kilowatts of all customers having loads in excess of 50 kilowatts. The demand for any month shall be the higher of the highest average during any 30-consecutive-minute period of the month of (a) the load measured in kilowatts or (b) 85 percent of the load in kVA plus an additional 10 percent for that part of the load over 5,000 kVA, and such amount shall be used as the billing demand except that, under B above, the billing demand for any month shall in no case be less than the sum of (1) 40 percent of the first 5,000 kilowatts, (2) 70 percent of the next 45,000 kilowatts, and (3) 90 percent of all kilowatts in excess of 50,000 kilowatts of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under A above shall not be less than the higher of (1) the base customer charge or (2) 70 percent of the base demand charge (adjusted for the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

The monthly bill under B above shall not be less than the base demand charge (adjusted in accordance with the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

Distributor may require minimum bills higher than those stated above.

Seasonal Service

Customers who contract for service on a seasonal basis shall be limited to 1,500 kilowatts and shall pay the above charges plus 10 percent of the bill computed after any adjustments are applied. For such customers the minimum monthly bill provided for above shall not apply. Instead, such customers shall pay a minimum monthly bill of \$5.00 so long as service is connected; shall pay a minimum annual bill which shall in no case be less than (a) 3 cents per kilowatthour of the maximum monthly consumption for customers whose demand does not exceed 50 kilowatts or (b) \$10.00 per kilowatt of the maximum demand established for customers whose demand is over 50 kilowatts; and shall pay in addition the actual cost of connections and disconnections in excess of one of each per year.

Contract Requirement

Distributor may require contracts for all service provided under this rate schedule. Customers whose demand exceeds 50 kilowatts shall be required to execute contracts for an initial term of at least one year. If the customer requires in excess of 5,000 kilowatts, the contract shall be for an initial term of at least five years, and any renewal or extension of the initial contract shall also be for a term of at least five years. The customer shall contract for its maximum requirements and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to modification, replacement, or adjustment from time to time upon agreement between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

GENERAL POWER RATE--SCHEDULE GS-2
(October 1976)

Availability

This rate shall apply to the firm power requirements for electric service to commercial, industrial, and governmental customers; institutional customers including, without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers; and other customers except those to whom service is available under other resale rate schedules.

Character of Service

Alternating current, single or three-phase, 60 hertz. Under A below power shall be delivered at a voltage available in the vicinity or agreed to by Distributor. Under B below power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Basic Charges

- A. If the customer's demand for the month and its contract demand, if any, are each 5,000 kilowatts or less:

Customer Charge: \$4.30 per delivery point per month

Demand Charge:

First 50 kilowatts of demand per month, no demand charge
Next 50 kilowatts of demand per month, at \$2.30 per kilowatt
Excess over 100 kilowatts of demand per month, at \$2.30 per kilowatt

Energy Charge:

First 500 kilowatthours per month at 3.963 cents per kWh*						
Next 14,500	"	"	"	"	2.583	" " kWh*
Next 25,000	"	"	"	"	1.637	" " kWh*
Next 60,000	"	"	"	"	1.227	" " kWh*
Next 400,000	"	"	"	"	1.127	" " kWh*
Additional	"	"	"	"	1.087	" " kWh*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

- B. If either the customer's demand for the month or its contract demand is greater than 5,000 kilowatts:

Customer Charge: \$1,000 per delivery point per month

Demand Charge: \$1.91 per kilowatt of demand per month

Additional charge for any demand in excess of customer's contract demand: \$1.91 per kilowatt per month

Energy Charge: 0.993 cent per kilowatthour per month as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Facilities Rental Charge Applicable Under B Above

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 20 cents per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 55 cents per kW per month for the first 10,000 kW and 30 cents per kW per month for the excess over 10,000 kW. Such charge shall be applied to the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule including minimum bill charges.

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Determination of Demand

Distributor shall measure the demands in kilowatts of all customers having loads in excess of 50 kilowatts. The demand for any month shall be the higher of the highest average during any 30-consecutive-minute period of the month of (a) the load measured in kilowatts or (b) 85 percent of the load in kVA plus an additional 10 percent for that part of the load over 5,000 kVA, and such amount shall be used as the billing demand except that, under B above, the billing demand for any month shall in no case be less than the sum of (1) 40 percent of the first 5,000 kilowatts, (2) 70 percent of the next 45,000 kilowatts, and (3) 90 percent of all kilowatts in excess of 50,000 kilowatts of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under A above shall not be less than the higher of (1) the base customer charge or (2) 70 percent of the base demand charge (adjusted for the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

The monthly bill under B above shall not be less than the base demand charge (adjusted in accordance with the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

Distributor may require minimum bills higher than those stated above.

Seasonal Service

Customers who contract for service on a seasonal basis shall be limited to 1,500 kilowatts and shall pay the above charges plus 10 percent of the bill computed after any adjustments are applied. For such customers the minimum monthly bill provided for above shall not apply. Instead, such customers shall pay a minimum monthly bill of \$5.00 so long as service is connected; shall pay a minimum annual bill which shall in no case be less than (a) 3 cents per kilowatthour of the maximum monthly consumption for customers whose demand does not exceed 50 kilowatts or (b) \$10.00 per kilowatt of the maximum demand established for customers whose demand is over 50 kilowatts; and shall pay in addition the actual cost of connections and disconnections in excess of one of each per year.

Contract Requirement

Distributor may require contracts for all service provided under this rate schedule. Customers whose demand exceeds 50 kilowatts shall be required to execute contracts for an initial term of at least one year. If the customer requires in excess of 5,000 kilowatts, the contract shall be for an initial term of at least five years, and any renewal or extension of the initial contract shall also be for a term of at least five years. The customer shall contract for its maximum requirements and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to modification, replacement, or adjustment from time to time upon agreement between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

GENERAL POWER RATE--SCHEDULE GS-3
(October 1976)

Availability

This rate shall apply to the firm power requirements for electric service to commercial, industrial, and governmental customers; institutional customers including, without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers; and other customers except those to whom service is available under other resale rate schedules.

Character of Service

Alternating current, single or three-phase, 60 hertz. Under A below power shall be delivered at a voltage available in the vicinity or agreed to by Distributor. Under B below power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

- A. If the customer's demand for the month and its contract demand, if any, are each 5,000 kilowatts or less:

Customer Charge: \$4.10 per delivery point per month

Demand Charge:

First 50 kilowatts of demand per month, no demand charge
Next 50 kilowatts of demand per month, at \$2.25 per kilowatt
Excess over 100 kilowatts of demand per month, at \$2.25 per kilowatt

Energy Charge:

First 500 kilowatthours per month	at	3.783	cents	per	kWh*
Next 14,500	"	"	"	2.523	" kWh*
Next 25,000	"	"	"	1.587	" kWh*
Next 60,000	"	"	"	1.217	" kWh*
Next 400,000	"	"	"	1.117	" kWh*
Additional	"	"	"	1.077	" kWh*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

- B. If either the customer's demand for the month or its contract demand is greater than 5,000 kilowatts:

Customer Charge: \$1,000 per delivery point per month

Demand Charge: \$1.91 per kilowatt of demand per month

Additional charge for any demand in excess of customer's contract demand: \$1.91 per kilowatt per month

Energy Charge: 0.993 cent per kilowatthour per month as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Facilities Rental Charge Applicable Under B Above

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 20 cents per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 55 cents per kW per month for the first 10,000 kW and 30 cents per kW per month for the excess over 10,000 kW. Such charge shall be applied to the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule including minimum bill charges.

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Determination of Demand

Distributor shall measure the demands in kilowatts of all customers having loads in excess of 50 kilowatts. The demand for any month shall be the higher of the highest average during any 30-consecutive-minute period of the month of (a) the load measured in kilowatts or (b) 85 percent of the load in kVA plus an additional 10 percent for that part of the load over 5,000 kVA, and such amount shall be used as the billing demand except that, under B above, the billing demand for any month shall in no case be less than the sum of (1) 40 percent of the first 5,000 kilowatts, (2) 70 percent of the next 45,000 kilowatts, and (3) 90 percent of all kilowatts in excess of 50,000 kilowatts of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under A above shall not be less than the higher of (1) the base customer charge or (2) 70 percent of the base demand charge (adjusted for the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

The monthly bill under B above shall not be less than the base demand charge (adjusted in accordance with the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

Distributor may require minimum bills higher than those stated above.

Seasonal Service

Customers who contract for service on a seasonal basis shall be limited to 1,500 kilowatts and shall pay the above charges plus 10 percent of the bill computed after any adjustments are applied. For such customers the minimum monthly bill provided for above shall not apply. Instead, such customers shall pay a minimum monthly bill of \$5.00 so long as service is connected; shall pay a minimum annual bill which shall in no case be less than (a) 3 cents per kilowatthour of the maximum monthly consumption for customers whose demand does not exceed 50 kilowatts or (b) \$10.00 per kilowatt of the maximum demand established for customers whose demand is over 50 kilowatts; and shall pay in addition the actual cost of connections and disconnections in excess of one of each per year.

Contract Requirement

Distributor may require contracts for all service provided under this rate schedule. Customers whose demand exceeds 50 kilowatts shall be required to execute contracts for an initial term of at least one year. If the customer requires in excess of 5,000 kilowatts, the contract shall be for an initial term of at least five years, and any renewal or extension of the initial contract shall also be for a term of at least five years. The customer shall contract for its maximum requirements and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to modification, replacement, or adjustment from time to time upon agreement between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

GENERAL POWER RATE--SCHEDULE GS-4
(October 1976)

Availability

This rate shall apply to the firm power requirements for electric service to commercial, industrial, and governmental customers; institutional customers including, without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers; and other customers except those to whom service is available under other resale rate schedules.

Character of Service

Alternating current, single or three-phase, 60 hertz. Under A below power shall be delivered at a voltage available in the vicinity or agreed to by Distributor. Under B below power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

- A. If the customer's demand for the month and its contract demand, if any, are each 5,000 kilowatts or less:

Customer Charge: \$3.90 per delivery point per month

Demand Charge:

First 50 kilowatts of demand per month, no demand charge
Next 50 kilowatts of demand per month, at \$2.20 per kilowatt
Excess over 100 kilowatts of demand per month, at \$2.20 per kilowatt

Energy Charge:

First 500 kilowatthours per month	at	3.603	cents	per	kWh*			
Next 14,500	"	"	"	"	2.463	"	"	kWh*
Next 25,000	"	"	"	"	1.537	"	"	kWh*
Next 60,000	"	"	"	"	1.207	"	"	kWh*
Next 400,000	"	"	"	"	1.107	"	"	kWh*
Additional	"	"	"	"	1.067	"	"	kWh*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

- B. If either the customer's demand for the month or its contract demand is greater than 5,000 kilowatts:

Customer Charge: \$1,000 per delivery point per month

Demand Charge: \$1.91 per kilowatt of demand per month

Additional charge for any demand in excess of customer's contract demand: \$1.91 per kilowatt per month

Energy Charge: 0.993 cent per kilowatthour per month as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Facilities Rental Charge Applicable Under B Above

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 20 cents per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 55 cents per kW per month for the first 10,000 kW and 30 cents per kW per month for the excess over 10,000 kW. Such charge shall be applied to the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule including minimum bill charges.

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Determination of Demand

Distributor shall measure the demands in kilowatts of all customers having loads in excess of 50 kilowatts. The demand for any month shall be the higher of the highest average during any 30-consecutive-minute period of the month of (a) the load measured in kilowatts or (b) 85 percent of the load in kVA plus an additional 10 percent for that part of the load over 5,000 kVA, and such amount shall be used as the billing demand except that, under B above, the billing demand for any month shall in no case be less than the sum of (1) 40 percent of the first 5,000 kilowatts, (2) 70 percent of the next 45,000 kilowatts, and (3) 90 percent of all kilowatts in excess of 50,000 kilowatts of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under A above shall not be less than the higher of (1) the base customer charge or (2) 70 percent of the base demand charge (adjusted for the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

The monthly bill under B above shall not be less than the base demand charge (adjusted in accordance with the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

Distributor may require minimum bills higher than those stated above.

Seasonal Service

Customers who contract for service on a seasonal basis shall be limited to 1,500 kilowatts and shall pay the above charges plus 10 percent of the bill computed after any adjustments are applied. For such customers the minimum monthly bill provided for above shall not apply. Instead, such customers shall pay a minimum monthly bill of \$5.00 so long as service is connected; shall pay a minimum annual bill which shall in no case be less than (a) 3 cents per kilowatt-hour of the maximum monthly consumption for customers whose demand does not exceed 50 kilowatts or (b) \$10.00 per kilowatt of the maximum demand established for customers whose demand is over 50 kilowatts; and shall pay in addition the actual cost of connections and disconnections in excess of one of each per year.

Contract Requirement

Distributor may require contracts for all service provided under this rate schedule. Customers whose demand exceeds 50 kilowatts shall be required to execute contracts for an initial term of at least one year. If the customer requires in excess of 5,000 kilowatts, the contract shall be for an initial term of at least five years, and any renewal or extension of the initial contract shall also be for a term of at least five years. The customer shall contract for its maximum requirements and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to modification, replacement, or adjustment from time to time upon agreement between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

GENERAL POWER RATE—SCHEDULE GS-5
(October 1976)

Availability

This rate shall apply to the firm power requirements for electric service to commercial, industrial, and governmental customers; institutional customers including, without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers; and other customers except those to whom service is available under other resale rate schedules.

Character of Service

Alternating current, single or three-phase, 60 hertz. Under A below power shall be delivered at a voltage available in the vicinity or agreed to by Distributor. Under B below power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

- A. If the customer's demand for the month and its contract demand, if any, are each 5,000 kilowatts or less:

Customer Charge: \$3.75 per delivery point per month

Demand Charge:

First 50 kilowatts of demand per month, no demand charge
Next 50 kilowatts of demand per month, at \$2.15 per kilowatt
Excess over 100 kilowatts of demand per month, at \$2.20 per kilowatt

Energy Charge:

First 500 kilowatthours per month	at	3.423	cents per kWh*
Next 14,500	"	"	" 2.403 " kWh*
Next 25,000	"	"	" 1.487 " kWh*
Next 60,000	"	"	" 1.197 " kWh*
Next 400,000	"	"	" 1.097 " kWh*
Additional	"	"	" 1.057 " kWh*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges.

- B. If either the customer's demand for the month or its contract demand is greater than 5,000 kilowatts:

Customer Charge: \$1,000 per delivery point per month

Demand Charge: \$1.91 per kilowatt of demand per month

Additional charge for any demand in excess of customer's contract demand: \$1.91 per kilowatt per month

Energy Charge: 0.993 cent per kilowatthour per month as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Facilities Rental Charge Applicable Under B Above

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 20 cents per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 55 cents per kW per month for the first 10,000 kW and 30 cents per kW per month for the excess over 10,000 kW. Such charge shall be applied to the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule including minimum bill charges.

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Determination of Demand

Distributor shall measure the demands in kilowatts of all customers having loads in excess of 50 kilowatts. The demand for any month shall be the higher of the highest average during any 30-consecutive-minute period of the month of (a) the load measured in kilowatts or (b) 85 percent of the load in kVA plus an additional 10 percent for that part of the load over 5,000 kVA, and such amount shall be used as the billing demand except that, under B above, the billing demand for any month shall in no case be less than the sum of (1) 40 percent of the first 5,000 kilowatts, (2) 70 percent of the next 45,000 kilowatts, and (3) 90 percent of all kilowatts in excess of 50,000 kilowatts of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under A above shall not be less than the higher of (1) the base customer charge or (2) 70 percent of the base demand charge (adjusted for the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

The monthly bill under B above shall not be less than the base demand charge (adjusted in accordance with the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

Distributor may require minimum bills higher than those stated above.

Seasonal Service

Customers who contract for service on a seasonal basis shall be limited to 1,500 kilowatts and shall pay the above charges plus 10 percent of the bill computed after any adjustments are applied. For such customers the minimum monthly bill provided for above shall not apply. Instead, such customers shall pay a minimum monthly bill of \$5.00 so long as service is connected; shall pay a minimum annual bill which shall in no case be less than (a) 3 cents per kilowatthour of the maximum monthly consumption for customers whose demand does not exceed 50 kilowatts or (b) \$10.00 per kilowatt of the maximum demand established for customers whose demand is over 50 kilowatts; and shall pay in addition the actual cost of connections and disconnections in excess of one of each per year.

Contract Requirement

Distributor may require contracts for all service provided under this rate schedule. Customers whose demand exceeds 50 kilowatts shall be required to execute contracts for an initial term of at least one year. If the customer requires in excess of 5,000 kilowatts, the contract shall be for an initial term of at least five years, and any renewal or extension of the initial contract shall also be for a term of at least five years. The customer shall contract for its maximum requirements and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to modification, replacement, or adjustment from time to time upon agreement between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

GENERAL POWER RATE--SCHEDULE GS-6
(October 1976)

Availability

This rate shall apply to the firm power requirements for electric service to commercial, industrial, and governmental customers; institutional customers including, without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers; and other customers except those to whom service is available under other resale rate schedules.

Character of Service

Alternating current, single or three-phase, 60 hertz. Under A below power shall be delivered at a voltage available in the vicinity or agreed to by Distributor. Under B below power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

- A. If the customer's demand for the month and its contract demand, if any, are each 5,000 kilowatts or less:

Customer Charge: \$3.60 per delivery point per month

Demand Charge:

First 50 kilowatts of demand per month, no demand charge
Next 50 kilowatts of demand per month, at \$2.10 per kilowatt
Excess over 100 kilowatts of demand per month, at \$2.20 per kilowatt

Energy Charge:

First 500 kilowatthours per month	at	3.243	cents per kWh*
Next 14,500	"	2.343	" " kWh*
Next 25,000	"	1.437	" " kWh*
Next 60,000	"	1.187	" " kWh*
Next 400,000	"	1.087	" " kWh*
Additional	"	1.047	" " kWh*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

- B. If either the customer's demand for the month or its contract demand is greater than 5,000 kilowatts:

Customer Charge: \$1,000 per delivery point per month

Demand Charge: \$1.91 per kilowatt of demand per month

Additional charge for any demand in excess of customer's contract demand: \$1.91 per kilowatt per month

Energy Charge: 0.993 cent per kilowatthour per month as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Facilities Rental Charge Applicable Under B Above

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 20 cents per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 55 cents per kW per month for the first 10,000 kW and 30 cents per kW per month for the excess over 10,000 kW. Such charge shall be applied to the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule including minimum bill charges.

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Determination of Demand

Distributor shall measure the demands in kilowatts of all customers having loads in excess of 50 kilowatts. The demand for any month shall be the higher of the highest average during any 30-consecutive-minute period of the month of (a) the load measured in kilowatts or (b) 85 percent of the load in kVA plus an additional 10 percent for that part of the load over 5,000 kVA, and such amount shall be used as the billing demand except that, under B above, the billing demand for any month shall in no case be less than the sum of (1) 40 percent of the first 5,000 kilowatts, (2) 70 percent of the next 45,000 kilowatts, and (3) 90 percent of all kilowatts in excess of 50,000 kilowatts of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under A above shall not be less than the higher of (1) the base customer charge or (2) 70 percent of the base demand charge (adjusted for the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

The monthly bill under B above shall not be less than the base demand charge (adjusted in accordance with the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

Distributor may require minimum bills higher than those stated above.

Seasonal Service

Customers who contract for service on a seasonal basis shall be limited to 1,500 kilowatts and shall pay the above charges plus 10 percent of the bill computed after any adjustments are applied. For such customers the minimum monthly bill provided for above shall not apply. Instead, such customers shall pay a minimum monthly bill of \$5.00 so long as service is connected; shall pay a minimum annual bill which shall in no case be less than (a) 3 cents per kilowatt-hour of the maximum monthly consumption for customers whose demand does not exceed 50 kilowatts or (b) \$10.00 per kilowatt of the maximum demand established for customers whose demand is over 50 kilowatts; and shall pay in addition the actual cost of connections and disconnections in excess of one of each per year.

Contract Requirement

Distributor may require contracts for all service provided under this rate schedule. Customers whose demand exceeds 50 kilowatts shall be required to execute contracts for an initial term of at least one year. If the customer requires in excess of 5,000 kilowatts, the contract shall be for an initial term of at least five years, and any renewal or extension of the initial contract shall also be for a term of at least five years. The customer shall contract for its maximum requirements and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to modification, replacement, or adjustment from time to time upon agreement between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

GENERAL POWER RATE--SCHEDULE GS-7
(October 1976)

Availability

This rate shall apply to the firm power requirements for electric service to commercial, industrial, and governmental customers; institutional customers including, without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers; and other customers except those to whom service is available under other resale rate schedules.

Character of Service

Alternating current, single or three-phase, 60 hertz. Under A below power shall be delivered at a voltage available in the vicinity or agreed to by Distributor. Under B below power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

- A. If the customer's demand for the month and its contract demand, if any, are each 5,000 kilowatts or less:

Customer Charge: \$3.45 per delivery point per month

Demand Charge:

First 50 kilowatts of demand per month, no demand charge
Next 50 kilowatts of demand per month, at \$2.05 per kilowatt
Excess over 100 kilowatts of demand per month, at \$2.20 per kilowatt

Energy Charge:

First 500 kilowatthours per month	at	3.063	cents	per	kWh*
Next 14,500	"	"	"	2.283	"
Next 25,000	"	"	"	1.387	"
Next 60,000	"	"	"	1.177	"
Next 400,000	"	"	"	1.077	"
Additional	"	"	"	1.037	"

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

- B. If either the customer's demand for the month or its contract demand is greater than 5,000 kilowatts:

Customer Charge: \$1,000 per delivery point per month

Demand Charge: \$1.91 per kilowatt of demand per month

Additional charge for any demand in excess of customer's contract demand: \$1.91 per kilowatt per month

Energy Charge: 0.993 cent per kilowatthour per month as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Facilities Rental Charge Applicable Under B Above

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 20 cents per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 55 cents per kW per month for the first 10,000 kW and 30 cents per kW per month for the excess over 10,000 kW. Such charge shall be applied to the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule including minimum bill charges.

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Determination of Demand

Distributor shall measure the demands in kilowatts of all customers having loads in excess of 50 kilowatts. The demand for any month shall be the higher of the highest average during any 30-consecutive-minute period of the month of (a) the load measured in kilowatts or (b) 85 percent of the load in kVA plus an additional 10 percent for that part of the load over 5,000 kVA, and such amount shall be used as the billing demand except that, under B above, the billing demand for any month shall in no case be less than the sum of (1) 40 percent of the first 5,000 kilowatts, (2) 70 percent of the next 45,000 kilowatts, and (3) 90 percent of all kilowatts in excess of 50,000 kilowatts of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under A above shall not be less than the higher of (1) the base customer charge or (2) 70 percent of the base demand charge (adjusted for the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

The monthly bill under B above shall not be less than the base demand charge (adjusted in accordance with the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

Distributor may require minimum bills higher than those stated above.

Seasonal Service

Customers who contract for service on a seasonal basis shall be limited to 1,500 kilowatts and shall pay the above charges plus 10 percent of the bill computed after any adjustments are applied. For such customers the minimum monthly bill provided for above shall not apply. Instead, such customers shall pay a minimum monthly bill of \$5.00 so long as service is connected; shall pay a minimum annual bill which shall in no case be less than (a) 3 cents per kilowatthour of the maximum monthly consumption for customers whose demand does not exceed 50 kilowatts or (b) \$10.00 per kilowatt of the maximum demand established for customers whose demand is over 50 kilowatts; and shall pay in addition the actual cost of connections and disconnections in excess of one of each per year.

Contract Requirement

Distributor may require contracts for all service provided under this rate schedule. Customers whose demand exceeds 50 kilowatts shall be required to execute contracts for an initial term of at least one year. If the customer requires in excess of 5,000 kilowatts, the contract shall be for an initial term of at least five years, and any renewal or extension of the initial contract shall also be for a term of at least five years. The customer shall contract for its maximum requirements and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to modification, replacement, or adjustment from time to time upon agreement between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

**GENERAL POWER RATE--SCHEDULE GS-8
(October 1976)**

Availability

This rate shall apply to the firm power requirements for electric service to commercial, industrial, and governmental customers; institutional customers including, without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers; and other customers except those to whom service is available under other resale rate schedules.

Character of Service

Alternating current, single or three-phase, 60 hertz. Under A below power shall be delivered at a voltage available in the vicinity or agreed to by Distributor. Under B below power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

- A. If the customer's demand for the month and its contract demand, if any, are each 5,000 kilowatts or less:

Customer Charge: \$3.30 per delivery point per month

Demand Charge:

First 50 kilowatts of demand per month, no demand charge

Next 50 kilowatts of demand per month, at \$2.00 per kilowatt

Excess over 100 kilowatts of demand per month, at \$2.20 per kilowatt

Energy Charge:

First 500 kilowatthours per month	at	2.883	cents	per	kWh*			
Next 14,500	"	"	"	"	2.223	"	"	kWh*
Next 25,000	"	"	"	"	1.337	"	"	kWh*
Next 60,000	"	"	"	"	1.167	"	"	kWh*
Next 400,000	"	"	"	"	1.067	"	"	kWh*
Additional	"	"	"	"	1.027	"	"	kWh*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

- B. If either the customer's demand for the month or its contract demand is greater than 5,000 kilowatts:

Customer Charge: \$1,000 per delivery point per month

Demand Charge: \$1.91 per kilowatt of demand per month

Additional charge for any demand in excess of customer's contract demand: \$1.91 per kilowatt per month

Energy Charge: 0.993 cent per kilowatthour per month as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Facilities Rental Charge Applicable Under B Above

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 20 cents per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 55 cents per kW per month for the first 10,000 kW and 30 cents per kW per month for the excess over 10,000 kW. Such charge shall be applied to the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule including minimum bill charges.

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Determination of Demand

Distributor shall measure the demands in kilowatts of all customers having loads in excess of 50 kilowatts. The demand for any month shall be the higher of the highest average during any 30-consecutive-minute period of the month of (a) the load measured in kilowatts or (b) 85 percent of the load in kVA plus an additional 10 percent for that part of the load over 5,000 kVA, and such amount shall be used as the billing demand except that, under B above, the billing demand for any month shall in no case be less than the sum of (1) 40 percent of the first 5,000 kilowatts, (2) 70 percent of the next 45,000 kilowatts, and (3) 90 percent of all kilowatts in excess of 50,000 kilowatts of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under A above shall not be less than the higher of (1) the base customer charge or (2) 70 percent of the base demand charge (adjusted for the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

The monthly bill under B above shall not be less than the base demand charge (adjusted in accordance with the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

Distributor may require minimum bills higher than those stated above.

Seasonal Service

Customers who contract for service on a seasonal basis shall be limited to 1,500 kilowatts and shall pay the above charges plus 10 percent of the bill computed after any adjustments are applied. For such customers the minimum monthly bill provided for above shall not apply. Instead, such customers shall pay a minimum monthly bill of \$5.00 so long as service is connected; shall pay a minimum annual bill which shall in no case be less than (a) 3 cents per kilowatthour of the maximum monthly consumption for customers whose demand does not exceed 50 kilowatts or (b) \$10.00 per kilowatt of the maximum demand established for customers whose demand is over 50 kilowatts; and shall pay in addition the actual cost of connections and disconnections in excess of one of each per year.

Contract Requirement

Distributor may require contracts for all service provided under this rate schedule. Customers whose demand exceeds 50 kilowatts shall be required to execute contracts for an initial term of at least one year. If the customer requires in excess of 5,000 kilowatts, the contract shall be for an initial term of at least five years, and any renewal or extension of the initial contract shall also be for a term of at least five years. The customer shall contract for its maximum requirements and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to modification, replacement, or adjustment from time to time upon agreement between Distributor and TVA.

Payment*

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

*For any customer served directly by TVA, the additional charges applicable in the event any amount of a bill remains unpaid after the specified time for payment are set out in the Terms and Conditions of the power contract between TVA and such customer.

**GENERAL POWER RATE--SCHEDULE GS-9
(October 1976)**

Availability

This rate shall apply to the firm power requirements for electric service to commercial, industrial, and governmental customers; institutional customers including, without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers; and other customers except those to whom service is available under other resale rate schedules.

Character of Service

Alternating current, single or three-phase, 60 hertz. Under A below power shall be delivered at a voltage available in the vicinity or agreed to by Distributor. Under B below power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

- A. If the customer's demand for the month and its contract demand, if any, are each 5,000 kilowatts or less:

Customer Charge: \$3.20 per delivery point per month

Demand Charge:

First 50 kilowatts of demand per month, no demand charge
Next 50 kilowatts of demand per month, at \$1.95 per kilowatt
Excess over 100 kilowatts of demand per month, at \$2.20 per kilowatt

Energy Charge:

First 500 kilowatthours per month	at 2.703 cents per kWh*
Next 14,500 "	" " " 2.163 " " kWh*
Next 25,000 "	" " " 1.287 " " kWh*
Next 60,000 "	" " " 1.157 " " kWh*
Next 400,000 "	" " " 1.057 " " kWh*
Additional "	" " " 1.017 " " kWh*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

- B. If either the customer's demand for the month or its contract demand is greater than 5,000 kilowatts:

Customer Charge: \$1,000 per delivery point per month

Demand Charge: \$1.91 per kilowatt of demand per month

Additional charge for any demand in excess of customer's contract demand: \$1.91 per kilowatt per month

Energy Charge: 0.993 cent per kilowatthour per month as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Facilities Rental Charge Applicable Under B Above

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 20 cents per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 55 cents per kW per month for the first 10,000 kW and 30 cents per kW per month for the excess over 10,000 kW. Such charge shall be applied to the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule including minimum bill charges.

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Determination of Demand

Distributor shall measure the demands in kilowatts of all customers having loads in excess of 50 kilowatts. The demand for any month shall be the higher of the highest average during any 30-consecutive-minute period of the month of (a) the load measured in kilowatts or (b) 85 percent of the load in kVA plus an additional 10 percent for that part of the load over 5,000 kVA, and such amount shall be used as the billing demand except that, under B above, the billing demand for any month shall in no case be less than the sum of (1) 40 percent of the first 5,000 kilowatts, (2) 70 percent of the next 45,000 kilowatts, and (3) 90 percent of all kilowatts in excess of 50,000 kilowatts of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under A above shall not be less than the higher of (1) the base customer charge or (2) 70 percent of the base demand charge (adjusted for the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

The monthly bill under B above shall not be less than the base demand charge (adjusted in accordance with the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

Distributor may require minimum bills higher than those stated above.

Seasonal Service

Customers who contract for service on a seasonal basis shall be limited to 1,500 kilowatts and shall pay the above charges plus 10 percent of the bill computed after any adjustments are applied. For such customers the minimum monthly bill provided for above shall not apply. Instead, such customers shall pay a minimum monthly bill of \$5.00 so long as service is connected; shall pay a minimum annual bill which shall in no case be less than (a) 3 cents per kilowatthour of the maximum monthly consumption for customers whose demand does not exceed 50 kilowatts or (b) \$10.00 per kilowatt of the maximum demand established for customers whose demand is over 50 kilowatts; and shall pay in addition the actual cost of connections and disconnections in excess of one of each per year.

Contract Requirement

Distributor may require contracts for all service provided under this rate schedule. Customers whose demand exceeds 50 kilowatts shall be required to execute contracts for an initial term of at least one year. If the customer requires in excess of 5,000 kilowatts, the contract shall be for an initial term of at least five years, and any renewal or extension of the initial contract shall also be for a term of at least five years. The customer shall contract for its maximum requirements and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to modification, replacement, or adjustment from time to time upon agreement between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

**GENERAL POWER RATE--SCHEDULE GS-10
(October 1976)**

Availability

This rate shall apply to the firm power requirements for electric service to commercial, industrial, and governmental customers; institutional customers including, without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers; and other customers except those to whom service is available under other resale rate schedules.

Character of Service

Alternating current, single or three-phase, 60 hertz. Under A below power shall be delivered at a voltage available in the vicinity or agreed to by Distributor. Under B below power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

- A. If the customer's demand for the month and its contract demand, if any, are each 5,000 kilowatts or less:

Customer Charge: \$3.10 per delivery point per month

Demand Charge:

First 50 kilowatts of demand per month, no demand charge
Next 50 kilowatts of demand per month, at \$1.90 per kilowatt
Excess over 100 kilowatts of demand per month, at \$2.20 per kilowatt

Energy Charge:

First 500 kilowatthours per month	at	2.523	cents	per	kWh*
Next 14,500	"	"	"	2.103	" kWh*
Next 25,000	"	"	"	1.237	" kWh*
Next 60,000	"	"	"	1.147	" kWh*
Next 400,000	"	"	"	1.047	" kWh*
Additional	"	"	"	1.007	" kWh*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

- B. If either the customer's demand for the month or its contract demand is greater than 5,000 kilowatts:

Customer Charge: \$1,000 per delivery point per month

Demand Charge: \$1.91 per kilowatt of demand per month

Additional charge for any demand in excess of customer's contract demand: \$1.91 per kilowatt per month

Energy Charge: 0.993 cent per kilowatthour per month as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Facilities Rental Charge Applicable Under B Above

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 20 cents per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 55 cents per kW per month for the first 10,000 kW and 30 cents per kW per month for the excess over 10,000 kW. Such charge shall be applied to the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule including minimum bill charges.

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Determination of Demand

Distributor shall measure the demands in kilowatts of all customers having loads in excess of 50 kilowatts. The demand for any month shall be the higher of the highest average during any 30-consecutive-minute period of the month of (a) the load measured in kilowatts or (b) 85 percent of the load in kVA plus an additional 10 percent for that part of the load over 5,000 kVA, and such amount shall be used as the billing demand except that, under B above, the billing demand for any month shall in no case be less than the sum of (1) 40 percent of the first 5,000 kilowatts, (2) 70 percent of the next 45,000 kilowatts, and (3) 90 percent of all kilowatts in excess of 50,000 kilowatts of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under A above shall not be less than the higher of (1) the base customer charge or (2) 70 percent of the base demand charge (adjusted for the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

The monthly bill under B above shall not be less than the base demand charge (adjusted in accordance with the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

Distributor may require minimum bills higher than those stated above.

Seasonal Service

Customers who contract for service on a seasonal basis shall be limited to 1,500 kilowatts and shall pay the above charges plus 10 percent of the bill computed after any adjustments are applied. For such customers the minimum monthly bill provided for above shall not apply. Instead, such customers shall pay a minimum monthly bill of \$5.00 so long as service is connected; shall pay a minimum annual bill which shall in no case be less than (a) 3 cents per kilowatt-hour of the maximum monthly consumption for customers whose demand does not exceed 50 kilowatts or (b) \$10.00 per kilowatt of the maximum demand established for customers whose demand is over 50 kilowatts; and shall pay in addition the actual cost of connections and disconnections in excess of one of each per year.

Contract Requirement

Distributor may require contracts for all service provided under this rate schedule. Customers whose demand exceeds 50 kilowatts shall be required to execute contracts for an initial term of at least one year. If the customer requires in excess of 5,000 kilowatts, the contract shall be for an initial term of at least five years, and any renewal or extension of the initial contract shall also be for a term of at least five years. The customer shall contract for its maximum requirements and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to modification, replacement, or adjustment from time to time upon agreement between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

GENERAL POWER RATE--SCHEDULE GS-11
(October 1976)

Availability

This rate shall apply to the firm power requirements for electric service to commercial, industrial and governmental customers; institutional customers including, without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers; and other customers except those to whom service is available under other resale rate schedules.

Character of Service

Alternating current, single or three-phase, 60 hertz. Under A below power shall be delivered at a voltage available in the vicinity or agreed to by Distributor. Under B below power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

- A. If the customer's demand for the month and its contract demand, if any, are each 5,000 kilowatts or less:

Customer Charge: \$3.00 per delivery point per month

Demand Charge:

First 50 kilowatts of demand per month, no demand charge
Next 50 kilowatts of demand per month, at \$1.85 per kilowatt
Excess over 100 kilowatts of demand per month, at \$2.20 per kilowatt

Energy Charge:

First 500 kilowatthours per month	at	2.343	cents	per	kWh*			
Next 14,500	"	"	"	"	2.043	"	"	kWh*
Next 25,000	"	"	"	"	1.187	"	"	kWh*
Next 60,000	"	"	"	"	1.137	"	"	kWh*
Next 400,000	"	"	"	"	1.037	"	"	kWh*
Additional	"	"	"	"	0.997	cent	"	kWh*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

- B. If either the customer's demand for the month or its contract demand is greater than 5,000 kilowatts:

Customer Charge: \$1,000 per delivery point per month

Demand Charge: \$1.91 per kilowatt of demand per month

Additional charge for any demand in excess of customer's contract demand: \$1.91 per kilowatt per month

Energy Charge: 0.993 cent per kilowatthour per month as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Facilities Rental Charge Applicable Under B Above

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 20 cents per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 55 cents per kW per month for the first 10,000 kW and 30 cents per kW per month for the excess over 10,000 kW. Such charge shall be applied to the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule including minimum bill charges.

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Determination of Demand

Distributor shall measure the demands in kilowatts of all customers having loads in excess of 50 kilowatts. The demand for any month shall be the higher of the highest average during any 30-consecutive-minute period of the month of (a) the load measured in kilowatts or (b) 85 percent of the load in kVA plus an additional 10 percent for that part of the load over 5,000 kVA, and such amount shall be used as the billing demand except that, under B above, the billing demand for any month shall in no case be less than the sum of (1) 40 percent of the first 5,000 kilowatts, (2) 70 percent of the next 45,000 kilowatts, and (3) 90 percent of all kilowatts in excess of 50,000 kilowatts of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under A above shall not be less than the higher of (1) the base customer charge or (2) 70 percent of the base demand charge (adjusted for the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

The monthly bill under B above shall not be less than the base demand charge (adjusted in accordance with the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

Distributor may require minimum bills higher than those stated above.

Seasonal Service

Customers who contract for service on a seasonal basis shall be limited to 1,500 kilowatts and shall pay the above charges plus 10 percent of the bill computed after any adjustments are applied. For such customers the minimum monthly bill provided for above shall not apply. Instead, such customers shall pay a minimum monthly bill of \$5.00 so long as service is connected; shall pay a minimum annual bill which shall in no case be less than (a) 3 cents per kilowatt-hour of the maximum monthly consumption for customers whose demand does not exceed 50 kilowatts or (b) \$10.00 per kilowatt of the maximum demand established for customers whose demand is over 50 kilowatts; and shall pay in addition the actual cost of connections and disconnections in excess of one of each per year.

Contract Requirement

Distributor may require contracts for all service provided under this rate schedule. Customers whose demand exceeds 50 kilowatts shall be required to execute contracts for an initial term of at least one year. If the customer requires in excess of 5,000 kilowatts, the contract shall be for an initial term of at least five years, and any renewal or extension of the initial contract shall also be for a term of at least five years. The customer shall contract for its maximum requirements and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to modification, replacement, or adjustment from time to time upon agreement between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

GENERAL POWER RATE--SCHEDULE GS-12
(October 1976)

Availability

This rate shall apply to the firm power requirements for electric service to commercial, industrial, and governmental customers; institutional customers including, without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers; and other customers except those to whom service is available under other resale rate schedules.

Character of Service

Alternating current, single or three-phase, 60 hertz. Under A below power shall be delivered at a voltage available in the vicinity or agreed to by Distributor. Under B below power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

- A. If the customer's demand for the month and its contract demand, if any, are each 5,000 kilowatts or less:

Customer Charge: \$2.90 per delivery point per month

Demand Charge:

First 50 kilowatts of demand per month, no demand charge
Next 50 kilowatts of demand per month, at \$1.80 per kilowatt
Excess over 100 kilowatts of demand per month, at \$2.20 per kilowatt

Energy Charge:

First 500 kilowatthours per month	at	2.163 cents per kWh*
Next 14,500	"	" " " 1.983 " " kWh*
Next 25,000	"	" " " 1.127 " " kWh*
Next 60,000	"	" " " 1.127 " " kWh*
Next 400,000	"	" " " 1.027 " " kWh*
Additional	"	" " " 0.993 cent " kWh*

*as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

- B. If either the customer's demand for the month or its contract demand is greater than 5,000 kilowatts:

Customer Charge: \$1,000 per delivery point per month

Demand Charge: \$1.91 per kilowatt of demand per month

Additional charge for any demand in excess of customer's contract demand: \$1.91 per kilowatt per month

Energy Charge: 0.993 cent per kilowatthour per month as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Facilities Rental Charge Applicable Under B Above

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 20 cents per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 55 cents per kW per month for the first 10,000 kW and 30 cents per kW per month for the excess over 10,000 kW. Such charge shall be applied to the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule including minimum bill charges.

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Determination of Demand

Distributor shall measure the demands in kilowatts of all customers having loads in excess of 50 kilowatts. The demand for any month shall be the higher of the highest average during any 30-consecutive-minute period of the month of (a) the load measured in kilowatts or (b) 85 percent of the load in kVA plus an additional 10 percent for that part of the load over 5,000 kVA, and such amount shall be used as the billing demand except that, under B above, the billing demand for any month shall in no case be less than the sum of (1) 40 percent of the first 5,000 kilowatts, (2) 70 percent of the next 45,000 kilowatts, and (3) 90 percent of all kilowatts in excess of 50,000 kilowatts of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under A above shall not be less than the higher of (1) the base customer charge or (2) 70 percent of the base demand charge (adjusted for the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

The monthly bill under B above shall not be less than the base demand charge (adjusted in accordance with the portion of the current Adjustment Addendum applicable to the customer's billing demand as provided in Adjustment above) applied to the higher of (a) the currently effective contract demand or (b) the highest demand established during the preceding 12 months.

Distributor may require minimum bills higher than those stated above.

Seasonal Service

Customers who contract for service on a seasonal basis shall be limited to 1,500 kilowatts and shall pay the above charges plus 10 percent of the bill computed after any adjustments are applied. For such customers the minimum monthly bill provided for above shall not apply. Instead, such customers shall pay a minimum monthly bill of \$5.00 so long as service is connected; shall pay a minimum annual bill which shall in no case be less than (a) 3 cents per kilowatthour of the maximum monthly consumption for customers whose demand does not exceed 50 kilowatts or (b) \$10.00 per kilowatt of the maximum demand established for customers whose demand is over 50 kilowatts; and shall pay in addition the actual cost of connections and disconnections in excess of one of each per year.

Contract Requirement

Distributor may require contracts for all service provided under this rate schedule. Customers whose demand exceeds 50 kilowatts shall be required to execute contracts for an initial term of at least one year. If the customer requires in excess of 5,000 kilowatts, the contract shall be for an initial term of at least five years, and any renewal or extension of the initial contract shall also be for a term of at least five years. The customer shall contract for its maximum requirements and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to modification, replacement, or adjustment from time to time upon agreement between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed under this rate schedule.

Service is subject to Rules and Regulations of Distributor.

OUTDOOR LIGHTING RATE--SCHEDULE LS
(October 1976)

Availability

Available for service to street and park lighting systems, traffic signal systems, athletic field lighting installations (during prescribed use-period), and outdoor lighting for individual customers.

Service under this schedule is for a term of not less than one year.

PART A--CHARGES FOR STREET AND PARK LIGHTING SYSTEMS, TRAFFIC
SIGNAL SYSTEMS, AND ATHLETIC FIELD LIGHTING INSTALLATIONS

- I. Energy Charge: 1.984 cents per kilowatthour as increased or decreased in accordance with Appendix I to the Schedule of Rates and Charges

Adjustment

The customer's bill for each month shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

- II. Investment Charge

The annual investment charge shall be _____ percent of the installed cost to Distributor's electric system of the facilities devoted to street and park lighting service specified in this Part A. Such installed cost shall be recomputed on July 1 of each year, or more often if substantial changes in the facilities are made. Each month, one-twelfth of the then total annual investment charge shall be billed to the customer. If any part of the facilities has not been provided at the electric system's expense or if the installed cost of any portion thereof is reflected on the books of another municipality or agency or department, the annual investment charge shall be adjusted to reflect properly the remaining cost to be borne by the electric system.

Traffic signal systems and athletic field lighting installations shall be provided, owned, and maintained by and at the expense of the customer, except as Distributor may agree otherwise in accordance with the provisions of the paragraph next following in this Section II. The facilities necessary to provide service to such systems and installations shall be provided by and at the expense of Distributor's electric system, and the annual investment charge provided for first above in this Section II shall apply to the installed cost of such facilities.

When so authorized by policy duly adopted by Distributor's governing board, traffic signal systems and athletic field lighting installations may be provided, owned, and maintained by Distributor's electric system for the customer's benefit. In such cases Distributor may require reimbursement from the customer for a portion of the initial installed cost of any such system or installation and shall require payment by the customer of an investment charge sufficient to cover all of Distributor's costs (except reimbursed costs), including appropriate overheads, of providing, owning, and maintaining such system or installation; provided that, for athletic field lighting installations, such investment charge shall in no case be less than 12 percent per year of such costs. Said investment charge shall be in addition to the annual investment charge on the facilities necessary to provide service to such system or installation as provided for in the preceding paragraph. Replacement of lamps and related glassware for traffic signal systems and athletic field lighting installations provided under this paragraph shall be paid for under the provisions of paragraph A in Section III.

- III. Replacement of Lamps and Related Glassware - Street and park lighting.

Customer shall be billed and shall pay for replacements as provided in paragraph _____ below, which shall be applied to all service for street and park lighting.

- A. Distributor shall bill the customer monthly for such replacements during each month at Distributor's cost of materials, including appropriate storeroom expense.
- B. Distributor shall bill the customer monthly for one-twelfth of the amount by which Distributor's cost of materials, including appropriate storeroom expense, exceeds the product of 3 mills multiplied by the number of kilowatthours used for street and park lighting during the fiscal year immediately preceding the fiscal year in which such month occurs.

Metering

For any billing month or part of such month in which the energy is not metered or for which a meter reading is found to be in error or a meter is found to have failed, the energy for billing purposes for that billing month or part of such month shall be computed from the rated capacity of the lamps (including ballast) plus 5 percent of such capacity to reflect secondary circuit losses, multiplied by the number of hours of use.

Use-Period For Athletic Field Lighting

Service to athletic field lighting installations under this rate schedule shall not commence earlier than 7 p.m., except that the customer may be permitted to use up to 10 percent (not to exceed 10 kilowatts) of the total installed lighting capacity prior to commencement of such period. In the event the customer fails to restrict service in accordance with these requirements, it shall be billed under the General Power Rate.

Revenue and Cost Review

Distributor's costs of providing service under Part A of this rate schedule are subject to review at any time and from time to time to determine if Distributor's revenues from the charges being applied are sufficient to cover said costs. If any such review discloses that revenues are either less or more than sufficient to cover said costs, Distributor shall revise the above investment charges so that revenues will be sufficient to cover said costs. Any such revision of the annual investment charge provided for first above in Section II of Part A of this rate schedule shall be by agreement between Distributor and TVA.

PART B--CHARGES FOR OUTDOOR LIGHTING FOR INDIVIDUAL CUSTOMERS

Charge Per Fixture

<u>Type of Fixture</u>	<u>Lamp Size (Watts)</u>	<u>Base Monthly Charge</u>
Mercury Vapor or Incandescent*	175	\$ 3.00
	250	3.50
	400	4.75
	700	7.75
	1,000	10.00
High Pressure Sodium	100	3.50
	150	3.75
	250	5.00
	400	6.50
	1,000	14.00

*Incandescent fixtures not offered for new service.

The above charges in this Part B are limited to service from a photoelectrically controlled standard street lighting fixture installed on a pole already in place. If the customer wishes to have the fixture installed at a location other than on a pole already in place, Distributor may apply a monthly charge not to exceed \$2.00 per pole for additional poles required to serve the fixture from Distributor's nearest available source. Distributor may uniformly adjust the above base monthly charges up or down by an amount not to exceed \$1.00.

When so authorized by policy duly adopted by Distributor's governing board, special outdoor lighting installations may be provided, owned, and maintained by Distributor's electric system. In such cases Distributor may require reimbursement from the customer for a portion of the initial installed cost of any such installation and shall require payment by the customer of monthly charges sufficient to cover all of Distributor's costs (except reimbursed costs), including appropriate overheads, of providing, owning, and maintaining such installations.

Lamp Replacements

Replacements of lamps and related glassware will be made in accordance with replacement policies of Distributor without additional charge to the customer.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Service is subject to Rules and Regulations of Distributor.

TENNESSEE VALLEY AUTHORITY

APPENDIX I

(October 1976 appendix to Schedule of Rates and Charges)

The base energy charge in the designated rate schedules shall be adjusted as follows:

	<u>Energy Charge Per kWh</u>
Wholesale Power Rate - WS	Add (1.00 x A)
Residential Rates - RS Series	Add (1.10 x A)
General Power Rates - GS Series	
Customers billed under Part "A":	
First 15,000 kWh	Add (1.08 x A)
Additional kWh	Add (1.03 x A)
Customers billed under Part "B":	
First 20,000,000 kWh	Add (1.03 x A)
Additional kWh	Add (1.00 x A)
Outdoor Lighting Rate - LS, Part A	Add (1.06 x A)

The amounts applicable for "A" under Energy Charge Per kWh shall be determined for each month by applying data from TVA's actual operations to the following formula. These calculated amounts will be published on or about the 15th of the month preceding the month of application and will be applicable to bills rendered from meter readings taken for TVA and Distributor monthly billing cycles scheduled to begin on or after the second day of each calendar month beginning December 2, 1976.

$$A = \frac{C(B - 0.750\text{¢}) + F(E - 0.750\text{¢})}{.95D}$$

where

- A = Amount of increase or decrease in cents per kWh for the month of application for changes in the costs of fuel and of power and energy receipts from other electric power systems.
- B = Fuel expense in cents per kWh for net commercial thermal generation for the second preceding month.
- C = Total net generation from commercial thermal generating units in kWh for the second preceding month.
- D = Total sales of energy in kWh during the second preceding month.
- E = Expense in cents per kWh of purchased power and interchange (billed economy and nonreplacement energy) received for the second preceding month.
- F = Total amount of purchased power and interchange (billed economy and nonreplacement energy) received for the second preceding month.

This appendix may be revised, superseded, or rescinded by any Adjustment Addendum subsequently published by TVA.

REGULATORY GUIDE 9.3

ITEM B.1.f

List of all (1) new wholesale customers, (2) transfers from one rate schedule to another, including copies of schedules not previously furnished, (3) changes in licensee's service area, and (4) licensee's acquisitions or mergers.

RESPONSE

Since the submittal by TVA of "Antitrust Information Furnished Pursuant to AEC Letter of July 22, 1971," there have been no changes in (1) wholesale customers, (3) licensee's service area, or (4) licensee's acquisitions or mergers.

All of TVA's wholesale customers are served under the same wholesale rate schedule. In January 1977 Wholesale Power Rate--Schedule A (Revision of September 1970) was replaced by Wholesale Power Rate--Schedule WS (October 1976). This change is described in our response to item B.1.e.

REGULATORY GUIDE 9.3

ITEM B.1.g

List of those generating capacity additions committed for operation after the nuclear facility, including ownership rights or power output allocations.

RESPONSE

The following is a list of authorized generating capacity additions after the Watts Bar Nuclear Plant.

<u>Plant</u>	<u>Ownership</u>	<u>Power Allocations</u>
Bellefonte - 2 nuclear units	TVA	TVA
Hartsville - 4 nuclear units	TVA	TVA
Phipps Bend - 2 nuclear units	TVA	TVA
Yellow Creek - 2 nuclear units	TVA	TVA

REGULATORY GUIDE 9.3

ITEM B.1.h

Summary of requests or indications of interest by other electric power wholesale or retail distributors, and licensee's response, for any type of electric service or cooperative venture or study.

RESPONSE

Following is a summary of requests or indications of interest by other electric power wholesale or retail distributors for any type of electric service or cooperative venture or study which is in addition to those listed in answer to question No. 13 of the submittal by TVA of "Antitrust Information Furnished Pursuant to AEC Letter of July 22, 1971."

Alabama Electric Cooperative (EC)

In April 1976 Alabama EC offered surplus power to TVA from the Tombigbee plant in 1978-80. TVA pointed out that its generation had at that time already been planned through 1980, but that TVA's power supply situation would be evaluated regularly and there could be future developments which would make it advisable to consider the availability of this capacity. TVA offered to refer other power systems that might need to purchase this surplus power to Alabama EC.

On February 27, 1978, Alabama EC again offered to TVA the surplus power from its Tombigbee plant in 1978-81. TVA met with Alabama EC on May 9, 1978. The cooperative was advised that TVA was short on capacity during that period but was working on arrangements to convert 1,000 MW of firm power to seasonal power and if the arrangements materialized TVA would not need to purchase additional power. (Subsequently, these arrangements materialized.) The cooperative was also advised that TVA had offers for power from others at considerably lower prices.

Big Rivers Electric Corporation (EC)

On February 7, 1973, Big Rivers offered surplus power to TVA from the Reid plant. TVA and Big Rivers entered into an agreement dated December 13, 1973, for TVA to purchase 100 MW of power for specified periods in 1974 and 1975 and to have first refusal of 100 MW in 1976.

On December 27, 1973, a Big Rivers representative inquired if TVA would be interested in Big Rivers' participating in the installation of a nuclear unit on TVA's system or TVA's participating in the installation of a coal-fired generating unit on the Big Rivers system. On February 8, 1974, TVA and Big Rivers met to discuss Big Rivers' proposals. TVA pointed out that its generation had at that time already been planned through 1983. TVA suggested that Big Rivers consider building a plant on its system and making the surplus power available to TVA. On February 24, 1975, Big Rivers asked TVA

to consider taking surplus power from a 1- or 2-unit coal-fired plant they were proposing to build and complete by 1978 or 1979. On March 18, 1975, TVA replied that, because of future load uncertainties and the probability that TVA would have an adequate power supply during the period, it seemed unlikely that TVA might need surplus power that would be available from the Big Rivers units and, accordingly, TVA could not see any advantage to it in participating in such a proposal.

On January 18, 1977, Big Rivers expressed interest in purchasing power from TVA before the mid-1980's and exploring the possibilities of entering into other joint power supply arrangements. TVA explained that under the TVA Act TVA was precluded from selling power to or entering into other arrangements that would have the effect of making it a source of power supply for Big Rivers. In addition, TVA pointed out that it had not made provisions in its plans for capacity to serve outside the area it can legally serve and, thus, because of the lead time required to plan future generating capacity for large blocks of firm power, TVA in any event could not make the power available.

On February 25, 1977, Big Rivers inquired about the possibility of TVA's wheeling power through its system to Big Rivers from others with whom TVA is interconnected. In discussing this with Big Rivers TVA has explained that any such arrangements would have to be such as would not conflict with the area limitation provisions of the TVA Act. On November 29, 1977, Big Rivers suggested that Big Rivers' future planning could include future needs of TVA which would enable the construction of larger units and possibly allow Big Rivers to bank large blocks of power. TVA, recognizing that while the TVA Act does not permit exchange power arrangements between TVA and Big Rivers it does allow TVA to purchase power from other generating systems, explained that TVA's plans for new generating capacity were finalized through the mid-to-late 1980's, but following that period TVA may be interested in purchasing large blocks of power under long-term contracts.

City of Clarksdale, Mississippi

On July 22, 1977, the city of Clarksdale, Mississippi, inquired as to the possibility of entering into arrangements for seasonal diversity capacity exchange of 10 MW. TVA explained that under the TVA Act TVA could only enter into power exchange arrangements with other power generating organizations with whom it had exchange agreements on July 1, 1957. It was also pointed out that TVA could not consider entering into additional seasonal diversity capacity arrangements since the difference between expected summer and winter loads was less than TVA had previously forecast and that, as a result, TVA had scheduled reductions in its seasonal diversity capacity under contract with other utilities. On November 22, 1977, the city of Clarksdale, along with several other Mississippi cities, inquired as to the possibility of the cities' being served by TVA. TVA advised the cities that the restrictions set out in the TVA Act would prohibit TVA's supplying the cities.

East Kentucky Power Cooperative (PC)

On October 21, 1977, East Kentucky PC inquired as to the possibility of TVA's supplying firm power to East Kentucky during the 1984-87 period. TVA explained that TVA's furnishing of East Kentucky's power requirements on a long-term basis would raise certain legal questions under the TVA Act. It was also explained that in any event a review of TVA's long-range outlook indicated that TVA would not have surplus power that could be made available on a firm basis during the 1984-87 period. It was pointed out that TVA may have short-term power available from time to time for portions of the 1984-87 period that could be delivered pursuant to arrangements under the interconnection agreement between TVA and East Kentucky.

East Mississippi Electric Power Association (EPA)

On July 8, 1975, East Mississippi, a distribution cooperative purchasing power requirements from TVA for the northern portion of its system, met with TVA to discuss TVA's supplying the power requirements of the southern portion of East Mississippi's system which is outside the area TVA is permitted to serve under the TVA Act. TVA explained that the restrictions set out in the TVA Act would prohibit TVA's supplying the power for the southern portion of East Mississippi's system.

Jackson Purchase RECC

On July 26, 1976, Jackson Purchase inquired if TVA could supply the power requirements of Jackson Purchase and, if not, if TVA could wheel power from another power supplier through the TVA system to Jackson Purchase. It has been explained that the TVA Act precludes TVA from being the source of power supply for the Jackson Purchase area and that in this connection Congress when requested had failed to include that area among those that were excluded from the limitation provisions of the Act. In discussing the possibility of wheeling arrangements it was pointed out that they could not be such as would conflict with the area limitation provisions of the Act. Jackson Purchase has now become a member cooperative of Big Rivers EC.

Southern Illinois Power Cooperative

On July 28, 1976, Southern Illinois expressed an interest in entering into interchange arrangements with TVA. TVA explained that it was interested in developing interchange arrangements within the limitations of the TVA Act. TVA and Southern Illinois subsequently entered into an agreement dated July 28, 1977, providing for the sale to TVA of surplus energy and of short-term power.

South Mississippi Electric Power Association (EPA)

On January 13, 1978, South Mississippi EPA offered to sell to TVA 200 MW of surplus capacity for a 4- or 5-year period beginning November 1978. TVA pointed out that TVA's use of this capacity would be considerably more costly than purchasing surplus capacity that had been offered by other utilities. However, TVA did explain that if conditions occur that would make it necessary to purchase power in that price range, TVA would contact South Mississippi as to the availability of the power.