

S. Morris Hadden  
William C. Bovender  
William C. Argabrite  
Jimmie Carpenter Miller  
Mark S. Dessauer  
Gregory K. Haden  
Michael L. Forrester  
Stephen M. Darden  
Edward J. Webb, Jr.  
James N. L. Humphreys<sup>1</sup>  
Michael S. Lattier<sup>5,6</sup>  
Scott T. Powers

**HUNTER·SMITH·DAVIS**  
SINCE 1916 LLP

**Kingsport Office**  
1212 North Eastman Road  
P.O. Box 3740  
Kingsport, TN 37664  
Phone (423) 378-8800  
Fax (423) 378-8801

**Johnson City Office**  
100 Med Tech Parkway  
Suite 110  
Johnson City, TN 37604  
Phone (423) 283-6300  
Fax (423) 283-6301

Leslie Tentler Ridings  
Christopher D. Owens<sup>1,3</sup>  
Jason A. Creech  
Meredith Bates Humbert  
Joseph B. Harvey<sup>4</sup>  
Caroline Ross Williams<sup>1</sup>  
Marcy E. Walker<sup>2</sup>  
Sarah Blessing Valk  
Sydney B. Gilbert  
Joseph A. Matherly  
Will A. Ellis  
Jordan T. Richardson

**Respond to:**  
Kingsport Office  
William C. Bovender  
423-378-8858, 423-534-7897 (mobile)  
bovender@hsdlaw.com

All Attorneys Licensed in Tennessee  
Unless Noted

Additional Bar Memberships:  
VA<sup>1</sup>, NC<sup>2</sup>, KY<sup>3</sup>, GA<sup>4</sup>, FL<sup>5</sup>, MT<sup>6</sup>, CA only<sup>7</sup>

**Of Counsel:**  
Jeannette Smith Tysinger  
John B. Buda<sup>7</sup>

[www.hsdlaw.com](http://www.hsdlaw.com)

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Room on August 19, 2022 at 1:32 p.m.

**VIA EMAIL ([tpuc.docketroom@tn.gov](mailto:tpuc.docketroom@tn.gov)) & FEDEX**

Dr. Kenneth C. Hill, Chairman  
c/o Ectory Lawless, Dockets & Records Manager  
Tennessee Public Utility Commission  
502 Deaderick Street, 4th Floor  
Nashville, TN 37243

Re: IN RE: PETITION OF KINGSFORT POWER  
COMPANY d/b/a AEP APPALACHIAN POWER  
FOR A GENERAL RATE CASE  
DOCKET NO.: 21-00107

Dear Chairman Hill:

Following further discussion with the TPUC Staff, we submit Third Revised Tariff 3 Compliance for the above Docket. Earlier, we had submitted a Revised Tariff 3 Compliance due to an inadvertent omission. See, Letter of August 18, 2022.

The original and four copies of each are being sent by FedEx for Monday, August 22, 2022 delivery.

Should you have any questions, please do not hesitate to contact the undersigned.

Very sincerely yours,

**HUNTER, SMITH & DAVIS, LLP**

  
William C. Bovender

Enclosure: As stated

cc: David Foster (w/enc.)

Via US Mail and Email: [david.foster@tn.gov](mailto:david.foster@tn.gov)

Monica L. Smith-Ashford, Esq. (w/enc.)	<i>Via US Mail and Email: <a href="mailto:monica.smith-ashford@tn.gov">monica.smith-ashford@tn.gov</a></i>
Michael J. Quinan, Esq. (w/enc.)	<i>Via US Mail and Email: <a href="mailto:mquinan@t-mlaw.com">mquinan@t-mlaw.com</a></i>
James P. Urban, Deputy Attorney General (w/enc.)	<i>Via US Mail and Email: <a href="mailto:james.urban@ag.tn.gov">james.urban@ag.tn.gov</a></i>
Vance L. Broemel (w/enc.)	<i>Via US Mail and Email: <a href="mailto:vance.broemel@ag.tn.gov">vance.broemel@ag.tn.gov</a></i>
Karen H. Stachowski (w/enc.)	<i>Via US Mail and Email: <a href="mailto:Karen.Stachowski@ag.tn.gov">Karen.Stachowski@ag.tn.gov</a></i>
James R. Bacha, Esq. (w/enc.)	<i>Via Email: <a href="mailto:jrbacha@aep.com">jrbacha@aep.com</a></i>
Noelle J. Coates, Esq. (w/enc.)	<i>Via Email: <a href="mailto:njcoates@aep.com">njcoates@aep.com</a></i>
Joseph B. Harvey, Esq. (w/enc.)	<i>Via Email: <a href="mailto:jharvey@hsdlaw.com">jharvey@hsdlaw.com</a></i>

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The following symbols are used for the purposes indicated as follows:

- C        To signify changed regulation or rate structure.
- D..... To signify discontinued material.
- I ..... To signify an increased rate.
- M..... To signify a move in the location of text.
- N..... To signify a new rate or regulation.
- R..... To signify a reduced rate.
- S ..... To signify reissued material.
- T ..... To signify a change in text but no change in rate or regulation.

## TERMS AND CONDITIONS OF SERVICE

### DEFINITIONS

Words or phrases in this tariff shall be defined as follows:

“Applicant” – Any person, group of persons, including the developer, builder, property owner or other person, association, partnership, firm, corporation or other entity requesting Electric Service from the Company, or who has not been recognized by the Company as a customer.

“Company” – Kingsport Power Company.

“Contribution-in-Aid-of-Construction (CIAC)” – Payment by customer to cover the cost of facilities not covered by the applicable revenue credit. The CIAC includes all state and federal income taxes incurred by the Company that are associated with such payment “

“Customer” – Any person, group of persons, including the developer, builder, property owner or other person, association, partnership, firm, corporation or other entity purchasing Electric Service from the Company.

“Delivery Point” – The point of connection between the distribution facilities of the Company and the electric system of the customer.

“Electric Service” – The supply of electricity by the Company to a retail customer.

“Electricity Supply Service” – The generation of electricity, or when provided together, the generation of electricity and its transmission to the distribution facilities of the Company on behalf of a retail customer.

“Meter Reading” – Any reading obtained from a meter via manual or electronic reading process.

“Month” – The elapsed time between two successive meter readings approximately thirty (30) days apart.

“Non-Standard Meter” – A meter that is not a Standard Meter because it lacks the ability to provide one or more of the following functions: automated or remote Meter Reading, two-way communications, remote disconnection and reconnection capability, or the capability to store electric consumption data at specified time intervals compliant with existing tariffs and in conformance with applicable performance specifications, or as designated by the Company as a non-standard meter.

“Person” – Any individual, corporation, partnership, association, company, business, trust, joint venture, or other private legal entity, and the State of Tennessee or any city, county, town, authority or other political subdivision of the State of Tennessee.

“Standard Meter” or “AMI” -- A meter (1) capable of automated or remote meter reading and (2) capable of two-way communications and (3) capable of storing electric consumption data at specified time intervals compliant with existing tariffs and in conformance with applicable performance specifications, or as designated by the Company as a standard meter.

“Submetered Service” – The measurement of electricity by the owner/operator of a master metered multiple occupancy building for the purpose of determining the actual use of individual occupants.

“TPUC” – Tennessee Public Utility Commission.

**TERMS AND CONDITIONS OF SERVICE**

APPLICATION (M) from 2-1

The Company reserves the right to require an applicant, before any electricity is delivered, to:

- (1) Establish that the applicant is the owner or bona fide lessee of the premises and to require all owners and bona fide lessees to have the electric service in their names.
- (2) Execute an electric service application. Notwithstanding the application, an applicant, by accepting the electricity, agrees to be bound by the applicable Tariff and these Terms and Conditions as amended from time to time. Failure to make application does not relieve new customers from being liable for all services supplied since the last meter reading, either actual or estimated, under the appropriate Tariff.

A copy of the Tariffs and the Terms and Conditions under which service is to be rendered to the customer will be furnished upon request. The customer shall select the particular Tariff, of those available, upon which the application for service shall be based. The Company may assist the customer in making this selection but responsibility for the selection rests exclusively with the customer.

A written agreement may be required from a customer before service will be commenced. A copy of the agreement will be furnished to the customer upon request.

When the customer desires delivery of energy at more than one point, a separate agreement will be required for each separate point of delivery. Service delivered at each point of delivery will be billed separately under the applicable Tariff.

DEPOSITS

Pursuant to the Rules and Regulations of the TPUC, Section 1220-4-4-.15, a deposit, or suitable guarantee, as security for the payment of bills, may be required of the customer at any time or from time to time before or after service is commenced. Such deposit shall not be more in amount than the maximum estimated charge for service for two (2) consecutive billing periods or ninety (90) days, whichever is less, or as may reasonably be required by the utility in cases involving service for short periods or special occasions. The Company will pay an interest rate on deposits as approved by the TPUC. The Company may retain the deposit as long as it feels it is necessary to insure payment of bills for service.

The Company will not be required to supply service if deposit conditions are not met or if an appropriate deposit is not paid as required.

The Company shall have a reasonable time in which to read and remove the meters and to ascertain that the obligations of the customer have been fully performed before being required to return any deposit. Retention by the Company, prior to final settlement, of any deposit or guarantee, shall not be deemed a payment or partial payment of any bill for service.

METERING AND BILLING

Meters will be read monthly, unless otherwise indicated within an individual tariff, except that readings may be estimated on occasion as necessary.

All electricity sold by the Company shall be on the basis of meter measurement, except for installations such as street lighting, outdoor lighting, traffic signal and other service where the usage is constant and the consumption may readily be computed, consistent with tariff availability, and all charges for electricity used shall be calculated from the meter reading or estimated consumption and the usage at each Delivery Point shall be billed separately.

Whenever it is found that electric service is being used as a result of tampering, the customer will pay to the Company an amount estimated by the Company to be sufficient to cover the electric service used and not previously paid for, as well as an amount equal to any damage done to the company's facilities as a result of such tampering.

## **TERMS AND CONDITIONS OF SERVICE**

When meters are installed by the Company to measure the Electric Service used by the Company's Customers, all charges for Electric Service used, except certain customer and minimum charges, shall be calculated from the readings of such meters. All meters used to determine billing will be owned and operated by the Company. (M) from 2-2

The Company installs, maintains and operates a variety of meters, including AMI and related equipment designed to measure and record Customers' consumption and usage of electric services provided under this Tariff. The Company may from time to time, at its sole and exclusive discretion, install such meters and related equipment, including but not limited to, telemetering equipment and AMI, it deems reasonable and appropriate to provide electric service to Customers under this Tariff.

### **PAYMENTS**

Bills will be rendered by the Company to the customer monthly in accordance with the tariff selected applicable to the customer's service with the following exceptions:

#### **EQUAL EXTENDED PAYMENT PLAN (EEP)**

Residential customers shall have the option of paying bills under the Company's equal payment plan (Budget Plan), whereby the total service for the succeeding 12-month period is estimated in advance, and bills are rendered monthly on the basis of one twelfth of the 12-month estimate. The Company may at any time during the 12-month period adjust the estimate so made, and the bills rendered in accordance with such estimate, to conform more nearly with the actual use of service being experienced. The normal equal payment period will be 12 months, commencing in any month selected by the Company.

In case the actual service used during any equal payment period exceeds the bills as rendered on the equal payment plan, the amount of such excess shall be paid on or before the due date of the bill covering the last month of the equal payment period in which such excess appears. If the customer discontinues service with the Company under the equal payment plan, any such excess not yet paid shall become payable immediately. In case the actual service used during the equal payment period is less than the amount paid under the equal payment plan during such period, the amount of such overpayment shall, at the option of the Company, either be refunded to the customer or credited on his last bill for the period.

If a customer fails to pay bills as rendered on the equal payment plan, the Company shall have the right to withdraw the plan with respect to such customer and to restore the customer to billing as provided for in the applicable tariffs, in addition to any other rights which the Company may have under such tariffs in case of arrearage in payment of bills.

#### **AVERAGE MONTHLY PAYMENT PLAN (AMP)**

The Average Monthly Payment Plan (AMP) is available to year-round residential customers and Small General Service customers.

The AMP Plan is designed to minimize large seasonal variations in electric service billings by allowing the customer to pay an average amount each month based on the current month's billing, including applicable taxes and surcharges, plus the eleven (11) preceding months, divided by the total billing days associated with those billings to get a per day average. The average daily amount will be multiplied by thirty (30) days to determine the current month's payment under the AMP Plan. At the next billing period, the oldest month's billing history is dropped, the current month's billing is added and the average is recalculated to find a new payment amount. The average is recalculated each month in this manner.



## **TERMS AND CONDITIONS OF SERVICE**

In such cases where sufficient billing history is not available, an AMP account may be established allowing the first month's amount be the average based on the actual billing for the month. The second month's amount due will be the average based on the first and second billing. The average will be recomputed each month using the available actual history throughout the first AMP year.

Actual billing will continue to be based on the applicable rate and meter readings obtained to determine consumption. The difference between actual billings and the averaged billings under the AMP Plan will be carried in a deferred balance that will accumulate both debit and credit differences for the duration of the AMP Plan year – twelve consecutive billing months. At the year of the AMP Plan year (anniversary month), the net accumulated deferred balance is divided by twelve (12) and the result is included in the average payment amount starting with the first billing of the new AMP Plan year and continuing for twelve (12) consecutive months. Settlement occurs only when participation in the plan is terminated. This happens if an account is final billed, if the customer requests termination, or may be terminated by the Company if the customer fails to make two or more consecutive monthly payments on an account. The deferred balance (debit or credit) is then applied to the billing now due.

All bills are payable via US Mail, through a variety of telephonic, internet-based, or other electronic means, at authorized collection agencies, or by other payment methods acceptable to the Company. Any fees charged by third party vendors for providing payment services are the responsibility of the customer.

T

All bills from the Company are due in \$US dollars and are payable within the time limits specified in the tariff. Failure to receive bill will not entitle customer to any discount or to the remission of any charge for non-payment within the time specified. In the event of the stoppage of or the failure of any meter to register the full amount of energy consumed, the customer will be billed for such period on an estimated consumption based upon his use of energy in a similar period of like use.

The tariffs of the Company contain a provision to allow a discount if the account of the customer is paid within the time limit specified in the tariff applicable to his service.

### **RETURNED CHECK CHARGE**

In cases where a check is tendered for payment of an account is returned for insufficient funds or other reason, excluding bank error, a \$12.50 service charge will be made.

### **INSPECTION**

It is to the interest of the customer to properly install and maintain the customer's wiring and electrical equipment and the customer shall at all times be responsible for the character and condition thereof. It is the customer's responsibility to assure that all inside wiring, appliances and equipment are grounded and are otherwise in accordance with requirements of the National Electric Code or the requirements of any local inspection authority having jurisdiction. The Company is not required to inspect such wiring and electrical equipment, and in no event shall the Company be responsible therefore or liable for any damages to person or property caused by such wiring or equipment.

Where a customer's premises are located in a municipality or other governmental subdivision where inspection laws or ordinances are in effect, the Company may withhold furnishing service to new installations until it has received evidence that the inspection laws or ordinances have been complied with.

Where a customer's premises are located outside of an area where inspection service is in effect, the Company may require the delivery by the customer to the Company of an agreement duly signed by the owner and tenant of the premises authorizing the connection to the wiring system of the customer and assuming responsibility therefor. No responsibility shall attach to the Company because of any waiver of this requirement.

## **TERMS AND CONDITIONS OF SERVICE**

### **SERVICE CONNECTIONS** (M) from 2-4

The Company shall not be required to provide electric service until a reasonable time has elapsed after the Company has obtained or received all suitable permits, certificates and easements.

If requested, applicants and customers shall supply the Company with drawings and specifications covering the plot and structures requiring electric service. The Company shall not be obligated to provide electric service until the applicant or customer has properly prepared the site for installation of the Company's facilities.

The Company shall supply electricity at one Delivery Point whose location shall be determined by the Company. The customer's wiring shall, except for those cases listed below, be brought outside the building wall nearest the Company's service wires so as to be readily accessible thereto. When service is from an overhead system, the customer's wiring shall extend at least 18 inches beyond the building.

The Company will not furnish, install or replace service entrance cable. Whenever a customer desires that energy be delivered at a point or in a manner other than that designated by the Company, the customer shall pay a Contribution-in-Aid-of-Construction (CIAC) reimbursing the Company for the additional costs of providing such service. The customer shall also reimburse the Company for all state and federal income taxes associated with the CIAC at a gross-up rate of 17.5%.

The Company shall provide underground distribution and/or underground services to individual customers, to groups of customers, or to real estate developers in accordance with the Underground Distribution and Service Plan on file with the Tennessee Public Utility Commission. Copies of the Underground Distribution and Service Plan are available upon request.

### **CONTRIBUTIONS IN AID OF CONSTRUCTION AND CUSTOMER ADVANCES**

The Company will require from any customer and/or developer a Contribution in Aid of Construction or Customer Advance for installation of underground service in lieu of standard overhead service, construction of additional facilities to serve only the subject customer or facilities over and above the standard necessary to provide reliable electric power service. This Contribution in Aid of Construction or Customer Advance will be calculated according to the most recent facility costs available to the Company. The customer shall also reimburse the Company for all state and federal income taxes associated with the CIAC at a gross-up rate of 17.5%.

### **RELOCATION OF COMPANY'S FACILITIES AT CUSTOMER'S REQUEST**

Whenever, at the customer's request, Company's facilities located on the customer's premises are relocated to suit the convenience of the customer, the customer shall reimburse the Company for the entire cost incurred in making such relocation. Such relocation shall include all state and federal income taxes associated with the relocation cost at a gross-up rate of 17.5%.

### **COMPANY'S LIABILITY**

The Company will use reasonable diligence in furnishing a regular and uninterrupted supply of energy, but the Company does not guarantee uninterrupted service. The Company shall not be liable for damages for injury to person or property in the event such supply is interrupted or fails by reason of an act of God, the public enemy, accidents, strikes or labor disputes, orders or acts of civil or military authority, breakdowns or injury to the machinery, transmission lines, distribution lines or other facilities of the Company, extraordinary repairs, or any act of the Company to interrupt service to any customer whenever in the sole judgment of the Company such interruption is indicated in order to prevent or limit any instability or disturbance on the electric system of the Company or any electric system interconnected with the Company or ordinary negligence or breach of contract on the part of the Company, its agents or employees.

## TERMS AND CONDITIONS OF SERVICE

(M) from 2-5

Unless otherwise provided in a contract between Company and Customer, the point at which service is delivered by Company to customer, to be known as "delivery point", shall be the point at which the customer's facilities are connected to the Company's facilities. The metering device is the property of the Company; however, the meter base and all internal parts inside the meter base are customer owned, and are the responsibility of the customer to install and maintain. The Company shall not be liable for any loss, injury, or damage resulting from the customer's use of the customer's equipment or use of the energy furnished by the Company beyond the delivery point.

The Company does not guarantee the delivery service against fluctuations or interruptions. The Company will not be liable for any damages, whether direct or consequential, including, without limitations, loss of profits, loss of revenue, or loss of production capacity occasioned by fluctuations or interruptions. The customer shall provide and maintain suitable protective devices on the customer's equipment to prevent any loss, injury or damage that might result from single phasing conditions or any other fluctuation or irregularity in the supply of energy. The Company shall not be liable for any loss, injury or damage resulting from a single phasing condition or any other fluctuation or irregularity in the supply of energy which could have been prevented by the use of such protective devices.

The Company is not responsible for loss or damage caused by the disconnection or reconnection of its facilities. The Company is not responsible for loss or damages caused by the theft or destruction of Company facilities by a third party.

The Company shall provide and maintain the necessary line or service connections, transformers (when same are required by conditions of contract between the parties thereto), meters and other apparatus which may be required for the proper measurement of and protection to its service. All such apparatus shall be and remain the property of the Company.

### CUSTOMER'S LIABILITY

In the event of loss or injury to the property of the Company through misuse by, or the negligence of, the customer or the customer's agents and employees, the customer shall be obligated for and shall pay to the Company the full cost of repairing or replacing such property. The customer shall be responsible for the entire cost incurred in relocating a Company pole if the customer jeopardizes the integrity of the pole. In addition, the customer shall reimburse the Company for all state and federal income taxes associated with such relocation.

The customer and the customer's agents and employees shall not tamper with, interfere with or break the seals of any meters used by the Company or any Company-owned equipment installed on the customer's premises, and the customer assumes all liability for the consequences thereof. The customer hereby agrees that no one, except the agents and employees of the Company, shall be allowed to make any internal or external adjustments of any installed meter used by the Company or any other piece of apparatus which belongs to the Company.

The Company shall have the right at all reasonable hours to enter the premises of the customer for the purpose of installing, reading, removing, testing, replacing or otherwise disposing of meters used by the Company and all Company-owned apparatus and property. The Company shall have the right to discontinue electric service if such access at any time is not provided. The Company shall also have the right to remove any or all of the Company's property in the event of termination of the customer's service for any reason.

### DOMESTIC SERVICE

Individual residences shall be served individually under the appropriate residential tariff. The customer may not take service for two or more separate residences through a single point of delivery under any residential schedules, even if the customer owns all of such residences. In the case of multi-unit residential dwellings such as apartment houses, condominiums, townhouses, etc., the owner shall have the choice of providing separate wiring for each unit so that the Company may supply each such unit separately under residential schedules, or of purchasing the entire service through a single meter under the appropriate general service tariff. The owner may provide submetered service to the individual units under rules for master metering electricity as specified in the Rules and Regulations of the TPUC, Section 1220-4-4-.07 (2). Hospitals, nursing homes, hotels, motels and dormitories are not considered multi-unit residential dwellings.

## **TERMS AND CONDITIONS OF SERVICE**

(M) from 2-6

Single phase motors of 10 H.P., or less, may be served under the appropriate residential tariff. Larger motors may be served when, in the Company's sole judgment, the existing service facilities of the Company are adequate.

Detached buildings actually appurtenant to the customer's residence, such as a garage, stable, or barn, may be served by an extension of the customer's residential wiring through the residential meter provided no business activities are transacted in the detached buildings.

### **CHANGE OF ADDRESS BY CUSTOMER**

(M) from 2-6

It is the responsibility of an existing customer to notify the Company when service is to be discontinued, and to provide a mailing address for the final bill.

When the Company receives notice from an existing customer that the service is to be discontinued, or from a prospective customer that an existing service is to be transferred into the prospective customer's name, the Company will determine the meter reading for the final bill to the existing customer. The existing customer will be responsible for all service supplied to the premises until such meter reading and discontinuance or transfer is made. Transfer of service to a qualified prospective customer will not be delayed or denied because of nonpayment of the final bill by the former customer, unless the former customer continues to be a consumer of electric service at the premise.

### **EXTENSION OF SERVICE**

The electrical facilities of the Company will be extended or be expanded to supply electric service when the revenue is sufficient to justify the cost of making such additions, or in lieu of sufficient revenue the Company may require a long term contract and/or contribution, monthly minimum charge, definite and written guarantee, from a customer or group of customers in addition to any minimum payment required by the tariff as may be necessary. This requirement may also be applied to cover the payment by the customer of the cost of tapping existing transmission or distribution lines for electric service or for reservation of electrical capacity when such service or reservation will not otherwise provide sufficient revenue to justify the cost of tapping said lines.

### **LOCATION AND MAINTENANCE OF COMPANY'S EQUIPMENT**

In order to provide service to the customer, the Company shall have the right to construct its poles, lines and circuits on the customer's property, and to place its transformers and other apparatus on the property or within the buildings of the customer, at a point or points convenient for such purpose.

The customer shall provide suitable space for the installation of necessary measuring instruments at an outside location, where practicable, designated by the Company so that such instruments will be protected from injury by the elements or through the negligence or deliberate acts of the customer, its agents and employees. Such space for measuring instruments should be unobstructed, readily accessible and, safe and convenient for reading, testing and servicing by the Company.

### **USE OF ENERGY BY CUSTOMER**

The tariffs for electric energy given herein are classified by the character of use of such energy and are not available for service except as provided herein.

When more than one tariff is available for the service requested, the customer shall designate the tariff on which the request or contract shall be based. The Company will assist the customer in the selection of the tariff best adapted to the customer's service requirements, provided, however, that the Company does not assume responsibility for the selection or that the customer will at all times be served under the most favorable tariff.

The customer may change the initial tariff selection to another applicable tariff at any time by either written notice to Company and/or by executing a new contract for the tariff selected, provided that the application of such subsequent selection shall continue for 12 months before any other selection may be made. In no case will the Company refund any monetary difference between the tariff under which service was billed in prior periods and the newly selected tariff.

## **TERMS AND CONDITIONS OF SERVICE**

(M) from 2-7

With particular reference to power customers it shall be understood that upon the expiration of a contract the customer may elect to renew the contract upon the same or another tariff published by the Company available in the district in which the customer resides or operates and applicable to the customer's requirements, except that in no case shall the Company be required to maintain transmission, switching or transformation equipment (either for voltage or form of current change) different from or in addition to that generally furnished to other customers receiving electrical supply under the terms of the tariff elected by the customer.

A customer may not change from one tariff to another during the term of contract except with the consent of the Company.

The service connections, transformers, meters and appliances supplied by the Company for each customer have a definite capacity and no additions to the equipment, or load connected thereto, will be allowed except by consent of the Company. The customer shall install only motors, apparatus or appliances which are suitable for operation with the character of the service supplied by the Company, and which shall not be detrimental to same, and the electric power must not be used in such a manner as to cause unprovided for voltage fluctuations or disturbances in the Company's transmission or distribution system. The Company shall be the sole judge as to the suitability of apparatus or appliances, and also as to whether the operation of such apparatus or appliances is or will be detrimental to its general service. No attachment of any kind whatsoever may be made to the Company's lines, poles, cross arms, structures or other facilities without the express written consent of the Company.

The customer shall make no attachment of any kind whatsoever to the Company's lines, poles, crossarms, structures or other facilities without the express written consent of the Company.

All apparatus used by the customer shall be of such type as to secure the highest practicable commercial efficiency, power factor and proper balancing of phases. Motors which are frequently started or motors arranged for automatic control, must be of a type to give maximum starting torque with minimum current flow, and must be of a type, and equipped with controlling devices, approved by the Company. The customer agrees to notify the Company of any increase or decrease in his connected load.

The Company will not supply service to customers who have other sources of energy supply except under tariffs which specifically provide for same. Whenever used in these Terms and Conditions of Service or in any of the Company's tariffs the term "other sources of energy supply" shall mean "other sources of electric energy supply". The customer shall not be permitted to operate his own generating equipment in parallel with the Company's service except with the express written consent of the Company.

Resale of energy will be permitted only by written consent of the Company.

### **RESIDENTIAL SERVICE**

Individual residences shall be served individually with single-phase service under the residential service tariff. Customers may not take service for 2 or more separate residences through a single point of delivery under any tariff even if the customer owns all of such residences. In the case of multi-unit residential dwellings such as apartment houses, condominiums, townhouses, etc., the owner shall have the choice of providing separate wiring for each unit so that the Company may supply each unit separately under residential tariffs, or of purchasing the entire service through a single meter under the appropriate general service tariff without submetering the service to the units.

Detached building or buildings, actually appurtenant to the residence, such as a garage, stable or barn, may be served by an extension of the customer's residence wiring through the residence meter.

## TERMS AND CONDITIONS OF SERVICE

### TEMPORARY SERVICE

(M) from 2-8

Temporary service is electric service that is required for a limited duration, where capacity is available, to nonpermanent installations such as construction projects, transient uses such as traveling shows, fairs, exhibitions, outdoor or indoor entertainment, seasonal installations, or under other circumstances where the Company has reason to believe that the facilities will not be used for a permanent supply of electricity. Such service is available only upon approval of the Company.

In order to qualify for temporary service, the customer must demonstrate, to the Company's satisfaction, that the requested service will, in fact, be temporary in nature.

Temporary service shall be provided through its own separately metered delivery point. The temporary service pole shall be reasonably accessible to the Company's service vehicles without causing damage to the customer's or other's property.

Temporary service for light and power will be supplied under any published tariff applicable to the class of business of the customer, when the Company has available unsold capacity of lines, transformers, and generating equipment. The customer will pay a temporary service charge in advance equal to the estimated cost to the Company for providing the temporary service. The service charge, as set forth in the applicable tariff shall be, in no case, less than one full monthly amount. The Company reserves the right to require a written contract for temporary service, at its option.

### CHARACTERISTICS OF SERVICE SUPPLIED

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The following definitions apply to terms used below:

"Nominal Voltage" is the reference level of service voltage.

"Maximum Voltage" is the greatest 5-minute mean or average voltage.

"Minimum Voltage" is the least 5-minute mean or average voltage.

The Company shall endeavor to supply voltages within the following limits:

1. For electricity supplied for residential service in urban areas, the variation from nominal voltage to minimum voltage will not be more than 5% of the nominal voltage, and the variation from nominal voltage to maximum voltage will not be more than 5% of the nominal voltage.

2. For electricity supplied for residential service in all other areas, the variation from nominal voltage to minimum voltage will not be more than 7.5% of nominal voltage, and the variation from nominal voltage to maximum voltage will not be more than 7.5% of the nominal voltage.

3. For electricity supplied for other services, the variation from nominal voltage to minimum voltage will not exceed 7.5% of the nominal voltage, and the variation from nominal voltage to maximum voltage will not exceed 7.5% of the nominal voltage.

The Company shall not be responsible for variations in voltage in excess of those specified above arising from causes beyond the control of the Company.

**TERMS AND CONDITIONS OF SERVICE**

**VOLTAGES**

(M) from 2-9

The standard nominal distribution service voltages within the service area of the Company are:

<u>Secondary</u>		<u>Primary</u>
<u>Single Phase</u>	<u>Three Phase</u>	<u>Three Phase</u>
120/240 volts	120/208 volts	12,470/7,200 volts
120/208 volts	240 volts	34.5/19.9 KV
	277/480 volts	

The standard subtransmission and transmission service voltages within the service area of the Company are:

<u>Subtransmission</u>	<u>Transmission</u>
<u>Single or Three Phase</u>	<u>Three Phase</u>
34.5 KV	138 KV
69 KV	

**METER ACCURACY AND TESTS**

(M) from 2-9

The Company's meter performance levels, testing methods, and test schedules are in conformance with the standards recommended by the American National Standard Code for Electricity Metering, (ANSI C12.1), as revised from time to time.

The performance of a Watthour meter is considered to be acceptable when the meter disk emulator does not creep and when the percent registration is not more than 102%, nor less than 98%, based upon the simple average of light load and heavy load.

The performance of a demand meter or register shall be acceptable when the error in registration does not exceed 4% in terms of full scale value when tested at any point between 25% and 100% of full scale value.

Whenever Watthour meters are being tested for accuracy and found to be registering outside 1% on either light or heavy load or outside 2% on lag, the percentage registration of the meter shall be adjusted to within these limits of error or the meter shall be discarded.

Whenever demand meters or registers are being tested for accuracy and found to be registering outside  $\pm 4\%$  of full scale value, the demand meter or register shall be adjusted to within  $\pm 2\%$  of full scale value or the meter shall be discarded.

The Company shall, without charge, make a test of the accuracy of any Company-owned electric meter upon request, provided the customer does not request such tests more frequently than once every twelve months. If tests of Company-owned meters are requested by the customer to be made more frequently than once every twelve months, then the customer shall pay the Company a deposit of \$15 for a single phase meter or \$30 for a polyphase meter for each test. The deposit shall be refunded only if the percentage registration of the meter is less than 98% or greater than 102%.

Whenever a meter is found upon periodic, request or complaint test to have an average error of registration of more than 2% (fast or slow), the Company shall recalculate the monthly bills as referenced in the Rules and Regulations of the TPUC, Section 1220-4-4-.18.

The Company is under no obligation, legal or regulatory, to replace any properly functioning meter in service.

**TERMS AND CONDITIONS OF SERVICE**

**DENIAL OR DISCONTINUANCE OF SERVICE**

(M) from 2-10

- (1) Reasons for Termination of Service or Denial of Service. Service may be refused or discontinued for any of the reasons listed below:
- (a) Without notice in the event of a condition determined by the utility to be hazardous.
  - (b) Without notice in the event of customer use of equipment in such a manner as to adversely affect the utility's equipment or the utility's service to others.
  - (c) Without notice if there is evidence of tampering with, including and not limited to removal or obstruction of the equipment, furnished and owned by the utility.
  - (d) Without notice if there is evidence of unauthorized use.
  - (e) For violation of and/or non-compliance with the utility's rules on file with and approved by the Commission.
  - (f) For failure of the customer to fulfill his contractual obligations for service and/or facilities subject to regulations by the Commission.
  - (g) For failure of the customer to permit the utility reasonable access to its equipment.
  - (h) For non-payment of delinquent account.
  - (i) For failure of the customer to provide the utility with a deposit.

Unless otherwise stated, the utility shall comply with the notice requirements set forth in paragraph (2) below before service is discontinued. However, no service shall be discontinued on the day or a date preceding a day or days on which the services of the utility are not available to the general public for the purpose of reconnecting the discontinued service, except as provided in (a), (b), (c) and (d) above. For purposes of this section, the Company recognizes the following holidays: New Year's Day, Memorial Day, July 4<sup>th</sup>, Labor Day, Thanksgiving Day, the Friday following Thanksgiving Day, Christmas Eve and Christmas Day.

- (2) Notice of Termination of Service. Electric service to any electric customer may not be terminated without reasonable opportunity to dispute the reasons for such termination.
- (a) Content of the notice, which may be included in the customer's bill, shall be clearly legible and contain the following information:
- 1. The name and address of the customer and the address of the service, if different.
  - 2. A clear and concise statement of the reason for the proposed termination of service.
  - 3. The date on which service will be terminated unless the customer takes appropriate action. The date of the proposed termination by the utility shall be at least seven (7) days after the utility sends the notice by first class mail. The mailing of the notice of termination, as set forth above, shall constitute reasonable prior notice within the meaning of this rule.
  - 4. Information concerning the reconnection fee.
  - 5. The telephone number and address of the utility where the customer may make inquiry, enter into a service continuation agreement, or file a complaint.
  - 6. The notice shall also contain the name and address of the Commission and a statement to the effect that the Commission is the regulatory authority for this service.
  - 7. In cases where the termination is based on the failure to pay, the notice shall state if the bill is the actual or estimated, amount owed, and the time period over which the amount was incurred.
- (b) Notwithstanding any other provisions of these rules, a utility shall postpone the physical termination of utility service to a residential customer for a period of thirty (30) days in the event a physician, public health officer, or social service official certifies in writing that discontinuation of the service will aggravate an existing medical emergency of the customer or other permanent resident of the premises where service is rendered. During the thirty (30) day extension the customer or other permanent resident of the premises where service is rendered shall be referred to social service agencies for investigation, confirmation of need and guarantee of payment.



**TERMS AND CONDITIONS OF SERVICE**

(M) from 2-11

The local utility shall supply customers with names of agencies providing assistance.

- (c) All customers shall be provided with the option of a Third Party Notification service and shall be notified annually by the utility of its availability. The Third Party Notification will provide any customer with the opportunity to designate a third party who will receive a duplicate of any termination notice by first class mail.

**RECONNECTION CHARGES** (M) from 2-11

- (1) In cases where the Company had discontinued service as herein provided for, the customer shall pay the Company a reconnection charge of \$20.00, as described below, prior to the Company's reconnection of the service. For purposes of this section, the Company recognizes the following holidays: New Year's Day, Memorial Day, July 4<sup>th</sup>, Labor Day, Thanksgiving Day, the Friday immediately following Thanksgiving Day, Christmas Eve and Christmas Day.
- (a) When payment is made during normal working hours (8:00 a.m. to 6:00 p.m., Monday through Friday, excluding holidays), service will be reconnected the same day to residential or small general service customers.
- (b) For payments made after 7:00 p.m. Monday through Friday or during weekends or holidays, service to residential or small general service customers will be reconnected the next regular business day.

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The reconnection charge for all customers, where service has been disconnected for fraudulent use of electricity, will be the actual cost of the reconnection.

- (2) When the Company requires past-due balances to be paid prior to reconnection, the Company may further require such payments to be made by cash, certified check, cashier's check or money order at a Company designated payment location when, during the previous twelve months, either of the events below have occurred:
- (a) The customer's electric service has been disconnected due to non-payment of any bill for electric service.
- (b) The customer has attempted to make payment by a check upon which the Company was initially unable to collect.
- (3) In addition, the Company may, at its option, require a deposit from the customer prior to reconnecting the service.
- (4) Where service has been discontinued at the request of the customer, and where the same customer requests that the service be reconnected within a period of 8 months from the date that service was discontinued, the customer will be required to pay (1) the avoided monthly basic service charges associated with the rate schedule on which the customer was previously receiving service, plus (2) the reconnection fee in accordance with the above stated reconnection charges.

**CUSTOMER RIGHTS AND REMEDIES** (M) from 2-11

1. **Dispute Resolution.** Customers have the right to dispute the reasons for service refusal or termination. The Company has employees available to answer questions, to resolve complaints, to negotiate partial payment plans and to furnish information on its Equal Payment Plan in which the customer can elect to average electric bills so they can be the same each month of the year, provided any outstanding balance is paid.
2. **Initiation Date.** If a payment plan is agreed upon, service will not be terminated as long as the customer meets the requirements of the plan. If no payment plan can be mutually agreed upon, the customer may contact the Tennessee Public Utility Commission. To use the dispute resolution process, the customer must contact the Company on or before the specified last payment date for net amount shown on the bill.

**TERMS AND CONDITIONS OF SERVICE**

(M) from 2-12

3. Financial Assistance. A customer needing financial assistance may qualify for aid under certain federal, state or local programs. If a customer needs assistance in paying an electric service bill, the customer should contact the Upper East Tennessee Human Development Agency, phone: (423) 246-6180.
4. Payment Pending Resolution. A customer who disputes a bill must notify the Company of the portion of the bill that is disputed and the reasons for disputing the bill. The customer does not have to pay that portion of a bill which is under dispute while the dispute process is underway. However, the greater of the undisputed portion of the bill or the customer's average monthly usage amount must be paid by the specified last payment date for net amount, or service will be terminated.
5. Medical Emergency. Electric service will be continued for a period of 30 days when a written certificate, signed by a physician, public health officer or social service official is furnished by the customer stating that an existing medical emergency at the residence will be aggravated by termination of service. During the 30-day extension, the customer should contact the Upper East Tennessee Human Development Agency, phone: (423) 246-6180 for assistance in paying electric bills and arranging for continuation of electric service.
6. Critical Health Maintenance Appliances. It is the customer's responsibility to notify the Company if the household has an appliance which is critical for maintenance of the health of any of the residents. The Company will provide the necessary form for notification upon request from the customer.
7. Third Party Notification. Any customer may designate a third party, either an agency or an individual, to receive a copy of all termination notices. The Company will provide the necessary form for notification upon request from the customer.
8. Deferred Payment Plan. Any residential customer about to be disconnected for nonpayment of past due bills for electric service may have service continued if he/she enters into an agreement with the Company that the total amount due be paid in monthly payments until paid in full within the following six (6) month period in addition to their regular electric service bill. The customer shall be provided a copy of the agreement.
9. Winter Reconnection Plan. Any residential customer whose service has been disconnected for nonpayment and who has not been reconnected as of November 1 in any year shall have service reconnected if he/she makes a down payment agreeable with both the Company and the customer not to exceed twenty-five percent (25%) of the balance owed at the time of the service termination, and enters into an agreement with the Company that the balance of the amount past due be paid in monthly payments until paid in full within the following six (6) month period in addition to their regular electric service bill. The customer shall be provided a copy of this agreement.

If the Company and the customer cannot agree about the amount of the down payment, the Company shall inform the customer that he/she may appeal the Company's decision to the Tennessee Public Utility Commission and provide the customer with the TPUC's toll-free telephone number.

This program, to be known as the "Winter Reconnection Plan," will be in effect from November 1 through March 31 of any year.

10. Tenant Notification of Disconnection. At least thirty (30) days prior to the scheduled date of termination of service for nonpayment at commercially operated master metered multi-family projects, the Company will use its best efforts to notify tenants who are not direct customers of the Company. Posting of a notice of termination at the office of the project shall be deemed compliance with this provision.

## **UNDERGROUND SERVICE POLICY**

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Underground service from existing facilities is available to all residential, small commercial and small industrial Customers under the following conditions:

- I. The Customer shall provide at no cost to Kingsport Power Company (Company) the necessary right-of-way for the service lateral or for the underground distribution facilities, make the strip into which the service lateral or underground distribution facilities are to be located accessible to the Company's equipment, remove all obstructions from the strip, grade the strip to within 4" of the final grade, and provide continuing access to the Company for operation, maintenance or replacement of the service connections. Shrubs, trees and grass requiring protection from the Company's equipment during installation and maintenance of underground facilities will be the responsibility of the Customer who will also reseed the trench cover where required.
- II. The Customer shall install a service entrance adequate for future needs in accordance with engineering standards issued by the Company. The meter socket will be a minimum size of 200 ampere and approved by the Company for use with underground installations. The Company shall specify the service point.
- III. Unless specifically exempted by the Company, all conductors shall be encased in approved protective conduit. The size and type of conduit and the depth and width of trenches will be specified by the Company. Poly vinyl chloride (PVC), high impact strength electrical conduit is the minimum requirement. PVC conduit must be minimum schedule 40 below grade and schedule 80 above grade.
- IV. Facilities normally will be installed in the most economical manner. If the Customer's requirements result in a cost to the Company exceeding those normally incurred in providing service by the most economical means, then in addition to the charges contained in this policy, as filed with the Tennessee Public Utilities Commission (Commission), the Customer shall pay a Contribution in Aid of Construction (CIAC) reimbursing the Company for any such additional costs which result from the Customer's requirements.
- V. Charges under this policy will be in addition to any other charges for extension of service specified in the current Terms and Conditions of Service on file with the Commission.
- VI. The Customer will be required to reimburse the Company for any taxes associated with the CIAC charges required by this policy.
- VII. The Company will provide the necessary trenching, conduit and backfilling and install the electrical conductors and related facilities. The Company will charge the Customer CIAC as follows:
  - A. New single phase service laterals up to and including 400A using up to one run of 350kcm cable:
    1. From an existing overhead source
      - a. \$350.00 plus \$8.00 per foot.
    2. From an existing underground source
      - a. \$8.00 per foot.
    3. If the Company does not provide the trenching, conduit and backfilling, the Company's charge for providing the underground service lateral will be reduced by a credit of \$8.00 per foot.
    4. When the Company provides trenching, the Customer will pay an additional charge equal to the amount by which the actual trenching, conduit and backfilling costs exceed \$9.20 per foot of total trench length.
    5. Length of service lateral is measured from base of pole or pedestal to point on ground under meter at the house. Meter location shall be determined by the Company. If meter location is not as specified by the Company, the Customer may be required to reimburse the Company for any costs resulting from the unapproved meter location.

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UNDERGROUND SERVICE POLICY

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- B. Initial underground service from existing adequate underground systems to non-residential facilities shall be the standard method of service and CIAC shall be calculated according to the extension policy in the current Terms and Conditions of Service on file with the Commission.
- C. Initial underground service from municipal network systems installed in streets and alleys to any facility shall be considered the standard method of service and CIAC shall be calculated according to the extension policy in the current Terms and Conditions of Service on file with the Commission.
- D. Underground primary distribution, three phase service laterals, service laterals over 400A and any other service not covered in section A, B, and C above shall be provided after payment to the Company of the estimated total cost difference between overhead and underground facilities. This is in addition to any CIAC required for standard service extension specified by the current Terms and Conditions of Service on file with the Commission.
- E. Customers who wish to replace existing overhead service with underground service will be required to pay the removal cost and remaining useful life less salvagable material of the existing overhead facilities in addition to other charges specified under this policy and the current Terms and Conditions of Service on file with the Commission.
- F. Should streets, curbs, or other obstructions be installed prior to installation of underground facilities, resulting in additional expense to the Company, payment for these additional expenses will be made to the Company by Customer.

**FUEL AND PURCHASED POWER ADJUSTMENT RIDER**

(M) from Sheets 2-13 thru 2-16

Kingsport Power is authorized under the terms of this rider to apply a charge to all customer bills rendered by the Company to recover the total cost of fuel and purchased power from the Company's wholesale power supplier under the Federal Energy Regulatory Commission implemented rate schedules, including, but not limited to, all demand charges, energy charges and fuel charges which are paid by the Company to its wholesale power supplier in connection with the electric service provided to the Company.

1. Updates to Fuel and Purchased Power Expense

Fuel and Purchased Power Adjustment Rider rates shall remain in effect until such time as new Rider rates are approved by the Tennessee Public Utility Commission. At least annually, the Company will file information regarding actual fuel and purchased power expenses and revenues collected under this Rider as well as any proposed adjustment to the Rider rates. The Fuel and Purchased Power Adjustment Rider rates will be designed to collect the approved level of fuel and purchased power expense including any prior period over/under recovery balance and any refunds from the Company's wholesale power supplier. Prior period over/under recovery balances result from differences between the Company's actual total costs from its wholesale supplier and actual billing under the Rider.

2. Determination of Adjustments to Surcharges by Tariff

Adjustments to the level of recovery under the Fuel and Purchased Power Adjustment Rider shall be applied proportionally to all Fuel and Purchased Power Adjustment Rider rate components for all tariffs and special contracts.

3. Notification of Change in Charge by the Company

The Company will provide no less than a 30-day notice of the proposed effective date in any change in the purchased power charge to its customers. The Company will also provide the calculations and other information supporting the proposed purchased power charges to the Staff of the Tennessee Public Utility Commission 30 days prior to the effective date of such charge.

4. Charge

Pursuant to the provisions of this Rider, a Fuel and Purchased Power Adjustment Rider charge will be applied to each kilowatt-hour, kilowatt or lamp as billed under the Company's filed tariffs.

The Fuel and Purchased Power Adjustment Rider charge applicable to each tariff is set below:

<u><b>Tariff</b></u>	<u><b>Energy Rate</b></u>	<u><b>Demand Rate</b></u>	<u><b>Lamp Rate</b></u>
	(¢) / kWh	(\$)/ KW	(\$)/ Lamp
<u><b>Residential</b></u>			
All kWh	8.332		
Storage Water Heating	6.394		
<u><b>Residential Employee</b></u>			
All kWh	8.332		
Storage Water Heating	6.394		
<u><b>Residential Smart Time-of-Use</b></u>			
Critical On-peak kWh	17.500		
On-peak kWh	9.895		
Off-peak kWh	6.394		

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**FUEL AND PURCHASED POWER ADJUSTMENT RIDER**

<b><u>Tariff</u></b>	<b><u>Energy Rate</u></b> (¢) / kWh	<b><u>Demand Rate</u></b> (\$)/ KW	<b><u>Lamp Rate</u></b> (\$)/ Lamp
<b><u>Residential Time-of-Day</u></b>			
On-peak kWh	9.539		
Off-peak kWh	6.394		
<b><u>Small General Service (SGS)</u></b>			
First 600 kWh	6.750		
Over 600 kWh	6.750		
<b><u>Medium General Service (MGS) Secondary</u></b>			
First 200 kWh per kW	7.512		
Over 200 kWh per kW	7.245		
<b><u>General Service Time-of-Day (GS-TOD)</u></b>			
On-peak kWh	8.042		
Off-peak kWh	6.236		
<b><u>Medium General Service (MGS) Primary</u></b>			
First 200 kWh per kW	7.513		
Over 200 kWh per kW	6.804		
<b><u>Large General Service (LGS) Secondary</u></b>			
Demand - kVA		\$4.98	
All kWh	5.212		
<b><u>Large General Service (LGS) Primary</u></b>			
Demand - kVA		\$4.98	
All kWh	4.637		
<b><u>LGS Subtransmission/Transmission</u></b>			
Demand - kVA		\$ 4.88	
All kWh	4.550		
<b><u>Industrial Power (IP) Secondary</u></b>			
Demand - On-Peak kW		\$10.95	
All kWh	4.310		
<b><u>Industrial Power (IP) Primary</u></b>			
Demand - On-Peak kW		\$ 10.63	
All kWh	4.174		
<b><u>Industrial Power (IP) Subtransmission/Transmission</u></b>			
Demand - On-Peak kW		\$11.51	
All kWh	4.108		

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Pursuant to an Order in  
Docket Number 21-00107

FUEL AND PURCHASED POWER ADJUSTMENT RIDER

<u>Tariff</u>	<u>Energy Rate</u> (¢) / kWh	<u>Demand Rate</u> (\$)/ KW	<u>Lamp Rate</u> (\$)/ Lamp
<b><u>Church Service</u></b>			
All kWh	7.672		
<b><u>Public Schools (PS)</u></b>			
Block 1 kWh Standard	8.417		
Block 2 kWh Electric Heating	8.417		
<b><u>Electric Heating General (EHG)</u></b>			
All kWh	7.498		
<b><u>Outdoor Lighting (OL)</u></b>			
Overhead Lighting Service			
High Pressure Sodium			
100 watts, 9,500 Lumens (094)			\$1.30
200 watts, 22,000 Lumens (097)			\$2.91
Flood Lighting Service			
High Pressure Sodium - Floodlight			
100 watts, 9,500 Lumens (115)			\$1.30
200 watts, 22,000 Lumens (107)			\$2.91
400 watts, 50,000 Lumens (109)			\$5.75
High Pressure Sodium - Shoebox			
400 watts, 50,000 Lumens (120)			\$5.75
Metal Halide - Floodlight			
250 watts, 17,000 Lumens (110)			\$3.46
400 watts, 28,800 Lumens (116)			\$5.47
Mercury Vapor			
175 watts, 7,000 Lumens (093)			\$2.49
400 watts, 20,000 Lumens (095)			\$5.47
Post Top Lighting Service			
High Pressure Sodium - PT			
100 watts, 9,500 Lumens (111)			\$1.30
150 watts, 16,000 Lumens (122)			\$2.02
250 watts, 27,500 Lumens (103)			\$3.56
Flood Lighting Service – PT			
High Pressure Sodium – Floodlight			
200 watts, 22,000 Lumens (123)			\$2.91
400 watts, 50,000 Lumens (124)			\$5.75
Metal Halide - Floodlight – PT			
400 watts, 36,000 Lumens (126)			\$5.47

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FUEL AND PURCHASED POWER ADJUSTMENT RIDER

<u>Tariff</u>	<u>Energy Rate</u> (¢) / kWh	<u>Demand Rate</u> (\$ ) / KW	<u>Lamp Rate</u> (\$ ) / Lamp
<b><u>Backup Service</u></b>			
<b>Service Reliability Level A</b>			
Secondary		\$ 0.47	
Primary		\$ 0.46	
Sub/Transmission		\$ 0.44	
<b>Service Reliability Level B</b>			
Secondary		\$ 0.93	
Primary		\$ 0.91	
Sub/Transmission		\$ 0.89	
<b>Service Reliability Level C</b>			
Secondary		\$ 1.42	
Primary		\$ 1.39	
Sub/Transmission		\$ 1.35	
<b>Service Reliability Level D</b>			
Secondary		\$ 1.88	
Primary		\$ 1.83	
Sub/Transmission		\$ 1.80	
<b>Service Reliability Level E</b>			
Secondary		\$ 2.36	
Primary		\$ 2.30	
Sub/Transmission		\$ 2.25	
<b>Service Reliability Level F</b>			
Secondary		\$ 2.82	
Primary		\$ 2.74	
Sub/Transmission		\$ 2.69	
<b><u>Maintenance Service</u></b>			
Secondary	4.537		
Primary	4.397		
Sub/Transmission	4.326		

Issued: August 8, 2022  
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**RESERVED FOR FUTURE USE**

**KINGSPORT POWER COMPANY  
d/b/a AMERICAN ELECTRIC POWER  
Kingsport, Tennessee**

**Original Sheet Number 2-22  
T.P.U.C. Tariff Number 3**

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**RESERVED FOR FUTURE USE**

Issued: August 8, 2022  
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Pursuant to an Order in  
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**KINGSPORT POWER COMPANY  
d/b/a AMERICAN ELECTRIC POWER  
Kingsport, Tennessee**

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**Original Sheet Number 2-23  
T.P.U.C. Tariff Number 3**

**RESERVED FOR FUTURE USE**

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Docket Number 21-00107

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**FEDERAL TAX RATE ADJUSTMENT RIDER**

Kingsport Power is authorized under the terms of this rider to apply a credit or charge to all customer bills rendered by the Company to reflect the impacts of changes to the Federal Corporate Income Tax Rate not included in base rate or other tariff schedules.

1. Applicability

Credits or charges resulting from changes in the Federal Income Tax Rate not otherwise incorporated in rate schedules in this tariff shall be applied to all Distribution function base rates in the form of a percentage credit or charge to those rates. The credit or charge will apply to the Service, Energy, Demand, and Lamp charge components of the distribution portion of the schedules. The credit or charge is not applicable to Rider schedules in this tariff.

2. Determination of Credit or Charge Percentage

The aggregate credit or charge amounts shall be determined by the Tennessee Public Utility Commission. The percentage credit or charge will remain in place until modified or discontinued by the Tennessee Public Utility Commission.

3. Notification of Change in Charge by the Company

The Company will provide no less than a 30-day notice of the proposed effective date in any change in the federal tax rate adjustment to its customers. The Company will also provide the calculations and other information supporting the proposed Federal Tax Rate Adjustment Rider to the Staff of the Tennessee Public Utility Commission 30 days prior to the effective date of such charge.

4. Credit or Charge

Pursuant to the provisions of this Rider, a Federal Tax Rate Adjustment Rider credit or charge will be applied to each kilowatt-hour, kilowatt or lamp rate as billed under the Company's filed tariff non-rider schedules.

The Federal Tax Rate Adjustment Rider percentage credit or charge applicable to each schedule after August 1, 2022 is a credit or reduction to rates of 0.0000%. C/R

**TARIFF R. S.  
(Residential Electric Service)**

AVAILABILITY OF SERVICE

Available for residential electric service through one meter to individual residential customers including rural residential customers engaged principally in agricultural pursuits.

MONTHLY RATE (Tariff Code 015)

Service Charge .....	\$ 16.43 per customer	I
Energy Charge .....	0.325 cents per KWH	

MINIMUM CHARGE

This tariff is subject to a minimum monthly charge equal to the service charge.

RIDERS

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved riders as contained herein. T

PROMPT PAYMENT DISCOUNT

A discount of 1.5 percent will be allowed if account is paid in full within 15 days of date of bill.

LOAD MANAGEMENT WATER HEATING PROVISION (Tariff Code 011)

For residential customers who install a Company-approved load management water heating system which consumes electrical energy primarily during off-peak hours specified by the Company and stores hot water for use during on-peak hours, of minimum capacity of 80 gallons, the last 250 KWH of use in any month shall be billed at 0.000 cents per KWH.

This provision, however, shall in no event apply to the first 200 KWH used in any month, which shall be billed in accordance with the MONTHLY RATE as set forth above.

For the purpose of this provision, the on-peak billing period is defined as 6:00 a.m. to 9:00 p.m. local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 p.m. to 6:00 a.m. for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

The Company reserves the right to inspect at all reasonable times the load management water heating system and devices which qualify the residence for service under the load management water heating provision, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that in its sole judgment the availability conditions of this provision are being violated, it may discontinue billing the customer under this provision and commence billing under the standard monthly rate.

This provision is subject to the service charge as stated in the above monthly rate.

TERM OF CONTRACT

A written contract may, at the Company's option, be required to fulfill the provisions of the Terms and Conditions of Service.

SPECIAL TERMS AND CONDITIONS

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is available for single-phase residential service. Where the residential customer requests three-phase service, this tariff will apply if the residential customer pays the Company the difference between constructing single-phase service and three-phase service. If the Company determines the electricity supplied is primarily used for commercial or industrial purposes, the applicable general service tariff will apply to such service.

**TARIFF R. S.-E.**  
**(Residential Electric Service - Employee)**

AVAILABILITY OF SERVICE

Available for residential electric service through one meter to current regular and retired employees of the Company. This tariff is not available to employees hired after December 31, 2016.

MONTHLY RATE (Tariff Code 018)

Service Charge ..... \$ 16.43 per customer

Energy Charge ..... 0.000 cents per KWH

MINIMUM CHARGE

This tariff is subject to a minimum monthly charge equal to the service charge.

RIDERS

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved riders as contained herein. T

PROMPT PAYMENT DISCOUNT

A discount of 1.5 percent will be allowed if account is paid in full within 15 days of date of bill.

LOAD MANAGEMENT WATER HEATING PROVISION (Tariff Code 051)

For residential customers who install a Company-approved load management water heating system which consumes electrical energy primarily during off-peak hours specified by the Company and stores hot water for use during on-peak hours, of minimum capacity of 80 gallons, the last 250 KWH of use in any month shall be billed at 0.000 cents per KWH.

This provision, however, shall in no event apply to the first 200 KWH used in any month, which shall be billed in accordance with the MONTHLY RATE as set forth above.

For the purpose of this provision, the on-peak billing period is defined as 6:00 a.m. to 9:00 p.m. local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 p.m. to 6:00 a.m. for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

The Company reserves the right to inspect at all reasonable times the storage water heating system and devices which qualify the residence for service under the storage water heating provision, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that in its sole judgment the availability conditions of this provision are being violated, it may discontinue billing the customer under this provision and commence billing under the standard monthly rate.

This provision is subject to the service charge as stated in the above monthly rate.

TERM OF CONTRACT

A written contract may, at the Company's option, be required to fulfill the provisions of the Terms and Conditions of Service.

SPECIAL TERMS AND CONDITIONS

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is available for single-phase residential service. Where the residential customer requests three-phase service, this tariff will apply if the residential customer pays the Company the difference between constructing single-phase service and three-phase service. If the Company determines the electricity supplied is primarily used for commercial or industrial purposes, the applicable general service tariff will apply to such service.

The Tariff R. S. gross amount will apply if payment of account in full is not received by the date due.

**TARIFF R.S.-S.T.O.U.**  
**(Residential Smart-Time-of-Use Electric Service)**

AVAILABILITY OF SERVICE

Available for electric service to individual residential customers, including rural residential customers engaged principally in agricultural pursuits, who have a standard meter.

MONTHLY RATE (Tariff Code 036)

Service Charge .....	\$ 16.43 per customer	N
Energy Charge:		
For all KWH used during the critical peak billing period	0.325 cents per KWH	N
For all KWH used during the on-peak billing period . . . .	0.325 cents per KWH	N
For all KWH used during the off-peak billing period . . .	0.325 cents per KWH	N

For the purpose of this tariff, the critical on-peak billing period is defined as 7 a.m. to 10 a.m. December-February and 4:00 p.m. to 7:00 p.m. June-September. The on-peak billing period is defined as 6 a.m. to 9 p.m., local time, for all weekdays, Monday through Friday that are not defined as critical on-peak hours. The off-peak billing period consists of hours not defined as on-peak for all weekdays, all hours of the day on Saturdays and Sundays, and the legally observed holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

MINIMUM CHARGE

This tariff is subject to a minimum monthly charge equal to the service charge.

RIDERS

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved riders as contained herein.

PROMPT PAYMENT DISCOUNT

A discount of 1.5 percent will be allowed if account is paid in full within 15 days of date of bill.

METER READING AND BILLING

Meters may be read in units of 10kWh and the nearest 0.1 kW and bills rendered accordingly.

TERM OF CONTRACT

A written contract may, at the Company's option, be required to fulfill the provisions of the Terms and Conditions of Service.

SPECIAL TERMS AND CONDITIONS

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is intended for single-phase residential service. Where the residential customer requests three-phase service, this tariff will apply if the residential customer pays to the Company the difference between constructing single-phase service and three-phase service. If the Company determines the electricity supplied is primarily used for commercial or industrial purposes, the applicable general service tariff will apply to such service.



**TARIFF R.S.-T.O.D.**  
**(Residential Time-of-Day Electric Service)**  
**(Closed to new customers)**

AVAILABILITY OF SERVICE

Available for residential electric service through one single-phase multiple-register meter capable of measuring electrical energy consumption during the on-peak and off-peak billing periods to individual residential customers. Availability is limited to the first 250 customers applying for service under this tariff.

MONTHLY RATE

Service Charge ..... \$ 34.73 per customer

Energy Charge:

Tariff Code 030 For all KWH used during the on-peak billing period . . . 1.876 cents per KWH  
Tariff Code 031 For all KWH used during the off-peak billing period . . . 0.000 cents per KWH

For the purpose of this tariff, the on-peak billing period is defined as 6:00 a.m. to 9:00 p.m. local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 p.m. to 6:00 a.m. for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

MINIMUM CHARGE

This tariff is subject to a minimum monthly charge equal to the service charge.

RIDERS

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved riders as contained herein.

PROMPT PAYMENT DISCOUNT

A discount of 1.5 percent will be allowed if account is paid in full within 15 days of date of bill.

TERM OF CONTRACT

A written contract may, at the Company's option, be required to fulfill the provisions of the Terms and Conditions of Service.

SPECIAL TERMS AND CONDITIONS

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is intended for single-phase residential service. Where the residential customer requests three-phase service, this tariff will apply if the residential customer pays to the Company the difference between constructing single-phase service and three-phase service. If the Company determines the electricity supplied is primarily used for commercial or industrial purposes, the applicable general service tariff will apply to such service.

**TARIFF S. G. S.**  
**(Small General Service)**

AVAILABILITY OF SERVICE

Available for general service to customers with normal maximum demands of less than 10 KW.

MONTHLY RATE (Tariff Codes 231-233)

Service Charge ..... \$ 22.03 per customer

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Energy Charge:

For the first 600 KWH used per month ..... 3.225 cents per KWH

For all over 600 KWH used per month ..... 2.076 cents per KWH

MINIMUM CHARGE

This tariff is subject to a minimum monthly charge equal to the service charge.

RIDERS

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved riders as T  
contained herein.

PROMPT PAYMENT DISCOUNT

A discount of 1.5 percent will be allowed if account is paid in full within 15 days of date of bill.

TERM OF CONTRACT

A written contract may, at the Company's option, be required to fulfill the provisions of the Terms and Conditions of Service.

SPECIAL TERMS AND CONDITIONS

This tariff is subject to the Company's Terms and Conditions of Service.

**TARIFF M. G. S.**  
**(Medium General Service)**

AVAILABILITY OF SERVICE

Available for general service customers with normal maximum demands of 10 KW or greater. Service is not available for new customers with normal maximum demands in excess of 100 KW. Customers receiving service under Tariff S.G.S. prior to June 3, 1987 with demands in excess of 100 KW may continue to qualify for service under this tariff until such time as their normal maximum demand exceeds the existing contract capacity.

MONTHLY RATE

<u>Tariff Code</u>	<u>Service Voltage</u>	
	<u>Secondary</u> 235	<u>Primary</u> 237
<u>Service Charge</u>		
Per Customer .....	\$69.28	\$216.28
<u>Energy Charge:</u>		
For all KWH equal to the first 200 times the KW of monthly billing demand .....	3.438 cents	2.927 cents
For all KWH in excess of 200 times the KW of monthly billing demand .....	0.000 cents	0.000 cents
<u>Demand Charge:</u>		
Per KW .....	\$3.54	\$3.49

MINIMUM CHARGE

This tariff is subject to a minimum monthly charge equal to the sum of the service charge and the product of the demand charge and the monthly billing demand.

RIDERS

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved riders as contained herein.

PROMPT PAYMENT DISCOUNT

A discount of 1.5 percent will be allowed if account is paid in full within 15 days of date of bill.

MEASUREMENT OF ENERGY AND DETERMINATION OF DEMAND

Energy supplied hereunder will be delivered through not more than one single-phase and/or one poly-phase meter. The billing demand in KW shall be taken each month as the single highest 15-minute integrated peak in kilowatts as registered during the month by a demand meter or indicator, or at the Company's option, as the highest registration of a thermal type demand meter or indicator. Where energy is delivered through two meters, the monthly billing demand will be taken as the sum of the two demands separately determined. For the purpose of billing, no demand shall be taken as less than 6 KW.

METERED VOLTAGE

The rates set forth in this tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas and KW to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KW values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:

- (1) Measurements taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
- (2) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

**TARIFF M. G. S.**  
**(Medium General Service)**

**TERM OF CONTRACT**

A written contract may, at the Company's option, be required to fulfill the provisions of the Terms and Conditions of Service.

**SPECIAL TERMS AND CONDITIONS**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is also available to customers having other sources of electric energy supply. Where such conditions exist, the customer shall contract for the maximum amount of demand in KW which the Company might be required to furnish, but not less than 10 KW nor more than 100 KW. The Company shall not be obligated to supply demands in excess of that contracted for. In the event that the customer's actual demand, as determined by demand meter or indicator, in any month exceeds the amount of the customer's then existing contract demand, the contract demand shall then be increased automatically to the maximum demand so created by the customer. Where service is supplied under the provisions of this paragraph, the billing demand defined under paragraph "Measurement of Energy and Determination of Demand" shall not be less than the Contract Demand.

**TARIFF G.S.-T.O.D.**  
**(General Service - Time-of-Day)**

AVAILABILITY OF SERVICE

Available for general service customers with demands greater than 10 KW but less than 100 KW. Current customers with demands in excess of 100 KW will continue to receive service under this tariff. Availability is limited to the first 100 customers applying for service under this tariff.

MONTHLY RATE (Tariff Code 229)

Service Charge ..... \$72.23 per customer

I

Energy Charge:

For all KWH used during the on-peak billing period ..... 4.422 cents per KWH

For all KWH used during the off-peak billing period ..... 0.000 cents per KWH

For the purpose of this tariff, the on-peak billing period is defined as 6:00 a.m. to 9:00 p.m. local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 p.m. to 6:00 a.m. for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

MINIMUM CHARGE

This tariff is subject to a minimum monthly charge equal to the service charge.

RIDERS

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved riders as contained herein.

T

PROMPT PAYMENT DISCOUNT

A discount of 1.5 percent will be allowed if account is paid in full within 15 days of date of bill.

METERED VOLTAGE

The rates set forth in this tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH values will be adjusted for billing purposes. If the Company elects to adjust KWH based on multipliers, the adjustment shall be 0.98 when measurements are taken at the high-side of a Company-owned transformer.

TERM OF CONTRACT

A written contract may, at the Company's option, be required to fulfill the provisions of the Terms and Conditions of Service.

SPECIAL TERMS AND CONDITIONS

This tariff is subject to the Company's Terms and Conditions of Service.

**TARIFF L. G. S.**  
**(Large General Service)**

AVAILABILITY OF SERVICE

Available for general service customers with normal maximum demands greater than 100 KVA but less than 3,000 KVA.

MONTHLY RATE

<u>Tariff Code</u>	<u>Service Voltage</u>	<u>Demand Charge per KVA</u>	<u>Energy Charge per KWH</u>	<u>Service Charge</u>
240-242	Secondary	\$ 8.99	0.787 cents	\$208.78
244-246	Primary	\$ 7.98	0.851 cents	\$441.64
248	Subtransmission/Transmission	\$ 4.43	0.835 cents	\$1,113.49

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MINIMUM CHARGE

This tariff is subject to a minimum monthly charge equal to the sum of the service charge and the product of the demand charge and the monthly billing demand.

RIDERS

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved riders as contained herein.

T

PROMPT PAYMENT DISCOUNT

A discount of 1.5 percent will be allowed if account is paid in full within 15 days of date of bill.

MEASUREMENT OF ENERGY AND DETERMINATION OF DEMAND

Energy supplied hereunder will be delivered through not more than one single-phase and/or one poly-phase meter. Billing demand in KVA shall be taken each month as the single highest 15-minute integrated peak in KW as registered during the month by 15-minute integrating demand meter or indicator, or at the Company's option as the highest registration of a thermal type demand meter or indicator, divided by the average monthly power factor established during the month, corrected to the nearest KVA. Where energy is delivered through two meters, the billing demand will be taken as the sum of the two demands separately determined. Monthly billing demand established hereunder shall not be less than 60 percent of the greater of (a) the customer's contract capacity, (b) the customer's highest previously established monthly billing demand during the past 11 months or (c) 100 KVA. If more than 50 percent of the customer's connected load is for electric space heating purposes, the minimum monthly billing demand will be 25 percent of the greater of (a) the customer's contract capacity, (b) the customer's highest previously established monthly billing demand during the past 11 months or (c) 100 KVA for the billing months of April through September.

**TARIFF L. G. S.**  
**(Large General Service)**

**METERED VOLTAGE**

The rates set forth in this Tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KVA values will be adjusted for billing purposes. If the Company elects to adjust KWH and KVA based on multipliers, the adjustment shall be in accordance with the following:

1. Measurements taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
2. Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

**TERM OF CONTRACT**

For customers with annual average demands greater than 500 KVA, contracts will be required for an initial period of not less than 1 year and shall remain in effect thereafter until either party shall give at least 6 months' prior written notice to the other of the intention to discontinue service under the terms of this tariff. For customers with demands less than 500 KVA, a written contract may, at the Company's option, be required to fulfill the provisions of the Terms and Conditions of Service.

Where new Company facilities are required, the Company reserves the right to require initial contracts for periods greater than 1 year for all customers served under this tariff.

A new initial contract period will not be required for existing customers who increase their contract requirements after the original initial period unless new or additional facilities are required.

The Company shall not be required to supply capacity in excess of that contracted for except by mutual agreement.

**SPECIAL TERMS AND CONDITIONS**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is also available to customers having other sources of energy who desire to purchase standby or back-up service from the Company. Where such service is required, the customer can either take service under Tariff S.B.S. or under the provisions of this paragraph. The customer shall contract for the maximum amount of demand in KVA which the Company might be required to furnish, but not less than 100 KVA nor more than 3,000 KVA. The Company shall not be obligated to supply demands in excess of that contracted for. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billing periods, and the minimum monthly charge shall be as set forth under paragraph "Minimum Charge" above.

**TARIFF I.P.  
(Industrial Power)**

AVAILABILITY OF SERVICE

Available to industrial and large commercial customers. Customers shall contract for a definite amount of electrical capacity in KW which shall be sufficient to meet normal maximum requirements but in no case shall the capacity contracted for be less than 3,000 KW. Contract capacities will be specified in multiples of 100 KW.

MONTHLY RATE

Tariff Code	Service Voltage	Demand Charge per KW	Off-Peak Excess Demand Charge per KW	Energy Charge per KWH	Service Charge	
327	Secondary	\$7.25	\$5.70	0.000 cents	\$391.46	I, -, -, I
322	Primary	\$5.61	\$4.41	0.000 cents	\$610.07	I, -, -, I
323, 324	Subtransmission/Transmission	\$3.06	\$1.42	0.000 cents	\$4,905.99	I, -, -, I

Reactive Demand Charge for each Kilovar of Lagging Reactive Demand  
in excess of 50 percent of the KW of monthly metered demand . . . . . \$0.75 per KVAR

MINIMUM CHARGE

This tariff is subject to a minimum monthly charge equal to the sum of the service charge and the product of the demand charge and the monthly billing demand.

RIDERS

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved riders as contained herein.

PROMPT PAYMENT DISCOUNT

A discount of 1.5 percent will be allowed if account is paid in full within 15 days of date of bill.

DETERMINATION OF DEMAND

The billing demand in KW shall be taken each month as the single highest 30-minute integrated peak in KW as registered during the on-peak period by a demand meter or indicator. The monthly billing demand so established shall in no event be less than 60% of the greater of (a) the customer's contract capacity or (b) the customer's highest previously established monthly billing demand during the past 11 months nor less than 3,000 KW. The off-peak excess demand shall be the amount by which the demand created during the off-peak period exceeds the monthly billing demand.

The reactive demand in KVARs shall be taken each month as the single highest 30-minute integrated peak in KVARs as registered during the month by a demand meter or indicator, or, at the Company's option, as the highest registration of a thermal type demand meter or indicator.

For the purpose of this provision, the on-peak billing period is defined as 6 a.m. to 9 p.m. local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9 p.m. to 6 a.m. for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

METERED VOLTAGE

The rates set forth in this tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KW values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:

1. Measurements taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
2. Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.



**TARIFF I.P.**  
**(Industrial Power)**

**TERM OF CONTRACT**

Contracts under this tariff will be made for an initial period of not less than 5 years and shall remain in effect thereafter until either party shall give at least 12 months' written notice to the other of the intention to discontinue service under the terms of this tariff. Where new Company facilities are required, the Company reserves the right to require initial contracts for periods of greater than 5 years.

A new initial contract period will not be required for existing customers who increase their contract requirements after the original initial period unless new or additional facilities are required.

The Company shall not be required to supply capacity in excess of that contracted for except by mutual agreement.

**SPECIAL TERMS AND CONDITIONS**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is also available to customers having other sources of energy who desire to purchase standby or back-up service from the Company. Where such service is required, the customer can either take service under Tariff S.B.S. or under the provisions of this paragraph. The customer shall contract for the maximum amount of demand in KW which the Company might be required to furnish, but not less than 3,000 KW. The Company shall not be obligated to supply demands in excess of that contracted for. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billing periods, and the minimum monthly charge shall be as set forth under paragraph "Minimum Charge" above.

A customer's plant is considered as one or more buildings which are served by a single electrical distribution system provided and operated by customer. When the size of the customer's load necessitates the delivery of energy to the customer's plant over more than one circuit, the Company may elect to connect its circuits to different points on the customer's system irrespective of contrary provisions in Terms and Conditions of Service.

**TARIFF E. H. G.**  
**(Electric Heating General)**

AVAILABILITY OF SERVICE

Available for the total requirements of general service customers who operate electric heating equipment which supplies the entire space heating requirements of the customer's premises.

MONTHLY RATE (Tariff Codes 208-209)

Service Charge ..... \$76.59 per customer

Energy Charge ..... 1.569 cents per KWH

Demand Charge ..... \$ 3.51 for each KW of monthly billing demand in excess of 30 KW.

MINIMUM CHARGE

This tariff is subject to a minimum monthly charge equal to the sum of the service charge and the product of the demand charge and the monthly billing demand.

RIDERS

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved riders as contained herein.

PROMPT PAYMENT DISCOUNT

A discount of 1.5 percent will be allowed if account is paid in full within 15 days of date of bill.

MEASUREMENT OF ENERGY AND DETERMINATION OF DEMAND

Energy supplied hereunder will be delivered through not more than one single-phase and/or one poly-phase meter. The billing demand will be taken monthly to be the highest registration of a thermal type demand meter. Where energy is delivered through two meters, the monthly billing demand will be taken as the sum of the two demands separately determined.

TERM OF CONTRACT

A written contract may, at the Company's option, be required to fulfill the provisions of the Terms and Conditions of Service.

SPECIAL TERMS AND CONDITIONS

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is available only at premises where at least 50 percent of the electrical load is located inside of buildings which are electrically heated.

When church buildings are electrically heated and are served through a separate meter and billed separately, the above energy rate applies, but there shall be no demand charge.

**TARIFF C. S.  
(Church Service)**

AVAILABILITY OF SERVICE

Available for service to churches. This tariff is available for the supply of service to church buildings, that is, to buildings whose primary purpose is to provide a place of worship; but is not available to other buildings which might be owned or operated by churches, such as residences, dormitories, parochial or other church schools, which generally operate throughout the week.

MONTHLY RATE (Tariff Code 221)

Service Charge ..... \$69.16 per customer

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Energy Charge ..... 3.011 cents per KWH

MINIMUM CHARGE

This tariff is subject to a minimum monthly charge equal to the service charge.

RIDERS

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved riders as contained herein.

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PROMPT PAYMENT DISCOUNT

A discount of 1.5 percent will be allowed if account is paid in full within 15 days of date of bill.

TERM OF CONTRACT

A written contract may, at the Company's option, be required to fulfill the provisions of the Terms and Conditions of Service.

SPECIAL TERMS AND CONDITIONS

This tariff is subject to the Company's Terms and Conditions of Service.

**TARIFF P. S.  
(Public Schools)**

AVAILABILITY OF SERVICE

Available to public schools wholly supported by public taxation purchasing their entire requirements for electric service from the Company.

MONTHLY RATE (Tariff Code 640)

Service Charge ..... \$222.13 per customer  
Energy Charge ..... 1.932 cents per KWH

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ELECTRIC HEATING

Where an entire school building, or an addition thereto, is heated 100 percent electrically, KWH in excess of 500 KWH per month multiplied by the number of classrooms in the entire school will be billed at the rate of 0.505 cents per KWH subject to a Minimum Charge equal to the monthly service charge. (Tariff Code 641)

Where every energy requirement, including, but not limited to heating, cooling, and water heating, of an individual school building or an addition to an existing school building is supplied by electricity furnished by the Company, all energy for that building or addition shall be billed at 0.505 cents per KWH subject to a Minimum Charge equal to the monthly service charge. (Tariff Code 642)

The term "classroom", for the purpose of determining billing under this provision, shall be defined as any room used regularly for the instruction of pupils, including but not limited to general classrooms, industrial shops, domestic science rooms, music rooms, kindergartens and laboratories. Customer shall furnish Company upon request information necessary to establish the number of classrooms to be used for billing purposes hereunder.

MINIMUM CHARGE

This tariff is subject to a minimum monthly charge equal to the service charge.

RIDERS

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved riders as contained herein.

T

PROMPT PAYMENT DISCOUNT

A discount of 1.5 percent will be allowed if account is paid in full within 15 days of date of bill.

MEASUREMENT OF ENERGY

Energy supplied hereunder will be delivered through not more than 1 single-phase and/or 1 poly-phase meter.

METERED VOLTAGE ADJUSTMENT

The rates set forth in this tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH values will be adjusted for billing purposes. If the Company elects to adjust KWH based on multipliers, the adjustment shall be in accordance with the following:

1. Measurements taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
2. Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

TERM OF CONTRACT

A written contract, may, at the Company's option, be required to fulfill the provisions of the Terms and Conditions of Service.

SPECIAL TERMS AND CONDITIONS

This tariff is subject to the Company's Terms and Conditions of Service.

**TARIFF E.O.P.**

**Emergency Operating Plan**

Maintained on file with the T.P.U.C. is the current Emergency Operating Plan (E.O.P.) which is updated periodically as circumstances dictate.

**TARIFF O. L.**  
**(Outdoor Lighting)**

**AVAILABILITY OF SERVICE**

Available for outdoor lighting distribution service to individual customers, provided the lighting location designated by the customer is reasonably accessible to the Company's service vehicles without causing damage to the customer's or other's property. No light shall be installed on streets covered by municipal street lighting systems or at a location which might interfere with such system. LED Equivalent options will be utilized for all new installations. Mercury vapor lamps will no longer be available for new installations or for repair or replacement of existing units.

**MONTHLY RATE**

**OVERHEAD LIGHTING SERVICE**

- A. For each of the following, the Company will provide lamp, photo-electric relay control equipment, luminaire and an upsweep arm not over 6 feet in length, an shall mount same on an existing wood distribution pole which is connected to secondary facilities of the Company:

<b>Tariff Code</b>	<b>Size of Lamp In Lumens (Approximate)</b>	<b>Nominal Lamp Wattage (Approximate)</b>	<b>Lamp Type</b>	<b>Rate Per Lamp Per Month</b>
094	9,500	100	High Pressure Sodium	\$9.30
097	22,000	200	High Pressure Sodium	\$13.25
115	9,500	100	High Pressure Sodium Floodlight	\$12.13
107	22,000	200	High Pressure Sodium Floodlight	\$14.12
109	50,000	400	High Pressure Sodium Floodlight	\$18.28
120	50,000	400	High Pressure Sodium Shoebox Fixture	\$22.56
110	17,000	250	Metal Halide Floodlight	\$16.31
116	28,000	400	Metal Halide Floodlight	\$18.78
163	5,000	50	LED OH	\$4.90
152	9,800	100	LED OH	\$5.48
165	23,000	200	LED OH	\$7.99
167	20,400	150	LED Flood OH	\$7.99
172	38,700	300	LED Flood OH	\$10.23
174	73,000	480	LED Flood OH	\$30.08

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Each kilowatt-hour of energy consumed is subject to all applicable riders and surcharges.

When other additional overhead facilities are to be installed by the Company, the customer will, in addition to the above monthly charge, pay a CIAC in advance representing the installation cost of such additional overhead facilities extending from the nearest or most suitable pole of the Company to the point designated by the customer for the installation of said fixture, provided the location designated by the customer is reasonably accessible to the Company's service vehicles without causing damage to the customer's or other's property. In lieu of paying in advance for the installation of additional facilities, the customer may, for the following facilities only, pay the following:

For each additional pole and overhead wire span not over 150 feet:  
Wood Pole \$ 7.95 per month (35 foot/5)

When service cannot be supplied from an existing pole of the Company carrying a secondary circuit, the Company will install one pole and one span of secondary circuit of not over 150 feet for an additional charge of \$7.95 per month or one span of secondary circuit only of not over 150 feet for an additional charge of \$1.40 per month.

- B. After January 1, 1983 Mercury Vapor outdoor lighting service will be available only to customers then being served at the rates set out herein and at the present service location.

<b>Tariff Code</b>	<b>Size of Lamp in Lumens</b>	<b>Nominal Lamp Wattage</b>	<b>Lamp Type</b>	<b>Rate Per Lamp Per Month</b>
093	7,000	175	Mercury Vapor	\$11.61
095	20,000	400	Mercury Vapor	\$19.07

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**TARIFF O. L.**  
**(Outdoor Lighting)**

**UNDERGROUND LIGHTING SERVICE**

- A. For each of the following, the Company will provide lamp, photo-electric relay control, post-top luminaire, post, and installation, (the type and height of which will be consistent with the Company's construction standards) including underground wiring, for a distance of 30 feet from the Company's existing secondary facilities.

<b>Tariff Code</b>	<b>Size of Lamp In Lumens (Approximate)</b>	<b>Nominal Lamp Wattage (Approximate)</b>	<b>Lamp Type</b>	<b>Rate Per Lamp Per Month</b>
111	9,500	100	High Pressure Sodium	\$15.83
122	16,000	150	High Pressure Sodium	\$48.49
103	27,500	250	High Pressure Sodium	\$50.89
124	50,000	400	High Pressure Sodium Floodlight	\$45.53
126	36,000	400	Metal Halide Floodlight	\$53.67
164	5,000	50	LED UG	\$13.33
153	9,800	100	LED UG	\$13.91
169	15,700	115	LED SHOEBOX UG	\$16.99
166	23,000	200	LED UG	\$16.41
171	4,300	40	LED Postop UG	\$14.45
158	6,300	65	LED Postop UG	\$14.63
168	20,400	150	LED Flood UG	\$16.75
173	38,700	300	LED Flood UG	\$18.99
175	73,000	480	LED Flood UG	\$38.84

- When a customer requires an underground circuit longer than 30 feet from existing secondary facilities for underground lighting service, the customer will pay to the Company, in advance, a charge for the additional length of underground circuit.
- (1) Pay to the Company in advance a charge of \$5.62 per foot for the length of underground circuit in excess of 30 feet; or
  - (2) Pay a monthly facilities charge of \$1.00 for each 25 feet (or fraction thereof) of underground circuit in excess of 30 feet.

In addition, the customer shall reimburse the Company for all state and federal income taxes associated with such charges.

Fixtures and poles will be standard utility grade secured from the Company's normal suppliers. The Company will be the sole judge of the suitability of the types of fixtures and poles used.

**RIDERS**

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved riders as contained herein.

**PROMPT PAYMENT DISCOUNT**

A discount of 1.5 percent will be allowed if account is paid in full within 15 days of date of bill.

**TERM OF CONTRACT**

Contracts under this tariff will be for not less than 1 year for residential or farm customers, not less than 3 years for commercial or industrial customers, or not less than 5 years for other customers. The Company reserves the right to include in the contract such other provisions as it may deem necessary to insure payment of bills throughout the term of the contract.

**HOURS OF LIGHTING**

All lamps shall burn from one-half hour after sunset until one-half hour before sunrise, every night and all night, or approximately 4,000 hours per annum.

**TARIFF O. L.**  
**(Outdoor Lighting)**

OWNERSHIP OF FACILITIES

All facilities necessary for service including fixtures, controls, poles, transformers, secondaries, lamps and other appurtenances shall be owned and maintained by the Company. All service and necessary maintenance will be performed only during the regular scheduled working hours of the Company. Burned out lamps will normally be replaced within 48 hours after notification by the customer.

TERM

The minimum billing term for new residential outdoor lighting installations will be 12 months. At the Company's option, a written agreement may be required pursuant to the Extension of Service provision of the Company's Terms and Conditions of Standard Service. The minimum billing term for new commercial, industrial and other non-residential outdoor lighting installations will be 36 months. At the Company's option, a written agreement may be required pursuant to the Extension of Service provision of the Company's Terms and Conditions of Standard Service.

SPECIAL TERMS AND CONDITIONS

This tariff is subject to the Company's Terms and Conditions of Service.

In cases where the Company is requested to replace an existing mercury vapor lamp with a high pressure sodium or metal halide lamp, the right is reserved to charge the customer an amount commensurate with the cost involved.

All new lighting installations must be requested by property owner.

CONVERSION CHARGE

Upon Customer request, the Company will convert an existing non-LED luminaire, currently billed in accordance with the Company's Schedule O.L., to an available LED luminaire upon payment, in advance, by the Customer to the Company of the applicable Conversion Charge.

The Conversion Charge for replacing an existing non-LED luminaire to a LED luminaire will be \$30.00.



**TARIFF S. L.**  
**(Street Lighting)**

**AVAILABILITY OF SERVICE**

Available for street lighting distribution service to individual customers, provided the lighting location designated by the customer is reasonably accessible to the Company's service vehicles without causing damage to the customer's or other's property. LED Equivalent options will be utilized for all new installations.

**MONTHLY RATE (Tariff Code 523)**

**OVERHEAD LIGHTING SERVICE**

- A. For each of the following, the Company will provide lamp, photo-electric relay control equipment, luminaire and upsweep arm not over 6 feet in length, and shall mount same on an existing wood distribution pole which is connected to secondary facilities of the Company:

<b>Size of Lamp In Lumens (Approximate)</b>	<b>Nominal Lamp Wattage (Approximate)</b>	<b>Lamp Type</b>	<b>Rate Per Lamp Per Month</b>	<b>Cost of Facilities Included in Rates (\$)<sup>1</sup></b>
9,500	100	High Pressure Sodium	\$8.11	
16,000	150	High Pressure Sodium	\$9.38	
22,000	200	High Pressure Sodium	\$9.79	
28,000	250	High Pressure Sodium	\$24.22	
50,000	400	High Pressure Sodium	\$29.54	
5,000	50	LED OH	\$4.90	\$342.48
9,800	100	LED OH	\$5.48	\$379.70
23,000	200	LED OH	\$7.99	\$541.38
73,000	480	LED Flood OH	\$30.08	\$1,958.64

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When facilities other than those specified above are to be installed by the Company, the customer will, in addition to the above monthly charge or charges, pay in advance the installation cost for the new overhead facilities extending from the nearest or most suitable pole of the Company to the point designated by the customer for the installation of said lamp.

- B. After January 1, 1983 Mercury Vapor outdoor lighting service will be available only to customers then being served at the rates set out herein and at the present service location.

<b>Size of Lamp in Lumens (Approximate)</b>	<b>Nominal Lamp Wattage (Approximate)</b>	<b>Lamp Type</b>	<b>Rate Per Lamp Per Month</b>
7,000	175	Mercury Vapor	\$8.41
20,000	400	Mercury Vapor	\$17.79

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## UNDERGROUND LIGHTING SERVICE

- B. The Company will provide lamp, photo-electric relay control, post-top luminaire, post, and installation, including underground wiring, for a distance of 30 feet from the Company's existing secondary circuits.

Size of Lamp In Lumens (Approximate)	Nominal Lamp Wattage (Approximate)	Lamp Type	Rate Per Lamp Per Month	Cost of Facilities Included in Rates (\$)¹
9,500	100	High Pressure Sodium	\$5.52	
16,000	150	High Pressure Sodium	\$13.28	
22,000	200	High Pressure Sodium	\$9.79	
28,000	250	High Pressure Sodium	\$25.36	
50,000	400	High Pressure Sodium	\$29.54	
140,000	1,000	High Pressure Sodium	\$90.18	
5,000	50	LED UG	\$13.33	\$1,085.89
9,800	100	LED UG	\$13.91	\$1,123.11
15,700	115	LED SHOEBOX UG	\$16.99	\$1,322.02
23,000	200	LED UG	\$16.41	\$1,284.80
4,300	40	LED Postop UG	\$14.45	\$1,122.87
6,300	65	LED Postop UG	\$16.11	\$1,265.02
8,900	60	LED Decorative Postop UG	\$21.88	\$1,637.24
7,800	90	LED Decorative Postop UG	\$28.01	\$2,032.73
73,000	480	LED Flood UG	\$38.84	\$2,731.81
140,000	1,000	High Pressure Sodium-Energy only	\$24.03	
22,000	200	High Pressure Sodium-Energy only	\$6.28	

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The rates in Overhead lighting and Underground lighting are based on the Company's investment in standard facilities. For LED lights, the Company's investment in standard facilities is the amount as shown adjacent to the rate<sup>1</sup>. When the investment in new standard facilities, including costs for service from underground, exceeds the prescribed amount, the difference will be paid to the Company by the Customer as a Contribution in Aid of Construction (CIAC). The customer shall also reimburse the Company for all state and federal income taxes associated with the CIAC.

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved riders as contained herein.

A discount of 1.5 percent will be allowed if account is paid in full within 15 days of date of bill.

Contracts under this tariff will be for not less than 1 year for residential or farm customers, not less than 3 years for commercial or industrial customers, or not less than 5 years for other customers. The Company reserves the right to include in the contract such other provisions as it may deem necessary to insure payment of bills throughout the term of the contract.

All lamps shall burn from one-half hour after sunset until one-half hour before sunrise, every night and all night, or approximately 4,000 hours per annum.

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**TARIFF S. L.**  
**(Street Lighting)**  
**(Continued)**

**OWNERSHIP OF FACILITIES**

All facilities necessary for service including fixtures, controls, poles, transformers, secondaries, lamps and other appurtenances shall be owned and maintained by the Company. All service and necessary maintenance will be performed only during the regular scheduled working hours of the Company. Burned out lamps will normally be replaced within 48 hours after notification by the customer.

**SPECIAL TERMS AND CONDITIONS**

This tariff is subject to the Company's Terms and Conditions of Service.

**CONVERSION CHARGE**

Upon Customer request, the Company will convert an existing non-LED luminaire, currently billed in accordance with the Company's Schedule O.L., to an available LED luminaire upon payment, in advance, by the Customer to the Company of the applicable Conversion Charge. N  
The Conversion Charge for replacing an existing non-LED luminaire to a LED luminaire will be \$165.00.

In cases where the Company is requested to replace an existing mercury vapor lamp with a high pressure sodium or metal halide lamp, the right is reserved to charge the customer an amount commensurate with the cost involved.

**SMART LIGHTING SERVICES**

The light post and power together means other Smart Lighting devices could be attached to the light post at the same time as the upgrade to LED luminaires. Other devices could include environmental sensors, cameras, Wi-Fi network devices, smart parking and smart trash removal devices, speakers, signs etc. The installation of these devices at the same time as the street light upgrade may be more cost effective than adding these devices to the light post at a later date. If a customer desires to receive Smart Lighting services, the Company may provide a proposal to address individual customer needs. The customer agrees to execute a Service Agreement to contract with the Company for the pricing and terms of such Smart Lighting services.

**TARIFF N.M.S.**  
**(Net Metering Service Rider)**

(M) from 17-1 thru 17-5

**AVAILABILITY OF SERVICE**

Available for new or existing Customers who operate an eligible renewable fuel generator designed to operate in parallel with the Company's system and who request Net Metering Service (NMS) from the Company. NMS Customers must take service under Tariff R.S., Tariff S.G.S., Tariff M.G.S.-Secondary, or Tariff P.S. NMS is limited to those customers who do not utilize time-of-day energy charge provisions.

The total capacity of all NMS Customers shall be limited to 1% of the Company's Tennessee peak load forecast ("Renewable Generator Limit"), and shall be available to customers with eligible renewable fuel generators on a first come, first serve basis. Customer's may not take service under this tariff and simultaneously take service under any alternative co-generation agreement.

**DEFINITIONS**

The following terms shall solely be used to define the applicability of Schedule N.M.S.

"Billing Period Credit" means the quantity of electricity generated and fed back into the electric grid by the customer's renewable fuel generator in excess of the electricity supplied to the customer over the billing period.

"Excess Generation" means the amount of electricity generated by the renewable fuel generator in excess of the electricity consumed by the customer over the course of the net metering period.

"Net Metering Customer (Customer)" means a customer owning and operating, or contracting with other persons to own or operate, or both, a renewable fuel generator under a net metering service arrangement.

"Net Metering Service" means providing retail electric service to a customer operating a renewable fuel generator and measuring the difference, over the net metering period between electricity supplied to the customer from the electric grid and the electricity generated and fed back to the electric grid.

"Person" means any individual, corporation, partnership, association, company, business, trust, joint venture, or other private legal entity and the State or any municipality.

"RF Generator" is an electrical generating facility which complies with all of the following requirements:

- (a) has an alternating current capacity less than or equal to 10 KW for customers taking service under Schedule R.S. or 15kW for customers with proof of licensed electric vehicle which is either owned or leased by the customer;
- (b) uses solar, wind or hydro energy as its total fuel source;
- (c) the Net Metering Customer's facility is located on the customer's premises and is connected to the customer's wiring on the customer's side of its interconnection with the distributor;
- (d) is designed and installed to operate in parallel with the Company's system without adversely affecting the operation of equipment and service of the Company and its customers and without presenting safety hazards to the Company and Customer personnel; and
- (e) is intended primarily to offset all or part of the customer's own electricity requirements.

**TARIFF N.M.S.**  
**(Net Metering Service Rider)**

**CONDITIONS OF SERVICE**

**A. Notification**

1. For a renewable fuel generator with an alternating current capacity of 25 KW or less, the customer shall submit the required Company Interconnection Notification Form to the Company at least thirty (30) days prior to the date the customer intends to interconnect the renewable fuel generator to the Company's facilities. For a renewable fuel generator with an alternating current capacity greater than 25 KW, the customer shall submit the required Interconnection Notification Form to the Company at least sixty (60) days prior to the date the customer intends to interconnect the renewable fuel generator to the Company's facilities. The submission may either be directly to the Company or by registered mail with return receipt. All sections, including appropriate signatures, of the Interconnection Notification Form must be completed for the notification to be valid. The customer shall have all equipment necessary to complete the interconnection prior to such notification. For renewable fuel generators with capacities greater than 25 KW, the customer should contact the Company prior to making financial commitments. If mailed, the date of notification shall be the third day following the mailing of the Interconnection Form. The Company shall provide a copy of the Interconnection Notification Form to the customer upon request.
2. The Company shall, within thirty (30) days of the date of notification for RF Generators with a rated capacity of 25 KW or less, and within sixty (60) days of the date of notification for RF Generators with a rated capacity greater than 25 KW, either return to the customer a copy of the valid Interconnection Notification Form or return any incomplete form. If the Company determines that the Interconnection Notification Form is incomplete or that any of the other requirements for interconnection are not satisfied, the customer shall submit another completed Interconnection Notification Form and notify the Company once the customer has completed all work necessary to satisfy the deficiencies prior to interconnection. This notification requirement shall not replace or supersede any other applicable waiting period, or required interconnection authorization when other applicable law, rule, regulation or code would permit authorization to be withheld or delayed.
3. The Net Metering Customer shall immediately notify the electric distribution company of any changes in the ownership of, operational responsibility for, or contact information for the generator. The Net Metering Customer shall not assign this tariff or any part hereof without the prior written consent of the Company, and such authorized assignment may result in the termination of availability of tariff to Customer.

**B. Conditions of Interconnection**

1. RF Generator equipment shall be installed in accordance with the manufacturer's specifications as well as all applicable provisions of the National Electrical Code. Renewable fuel generator equipment and installations shall comply with all applicable safety and performance standards of the National Electrical Code, the Institute of Electrical and Electronic Engineers and accredited testing laboratories in accordance with IEEE Standard 1547, Standard for Interconnecting Distributed Resources with Electric Power Systems, July 2003, and safety and performance standards established by local and national electrical codes including, the institute of Electrical and Electronics Engineers, the National Electrical Safety Code, and Underwriters Laboratories. Customer's renewable fuel generator equipment and installations shall also comply with the Company's Interconnection Guidelines. The Company shall provide a copy of its Interconnection Guidelines to the customer upon request.
2. The Customer shall obtain any governmental authorizations and permits required for the construction and operation of the RF Generator facility and interconnection facilities.

**TARIFF N.M.S.  
(Net Metering Service Rider)**

**CONDITIONS OF SERVICE (Cont'd)**

3. In the case of renewable fuel generators with an alternating current capacity greater than 25 KW, the following requirements shall be met before interconnection may occur:
- a. Electric Distribution Facilities and Customer Impact Limitations. A renewable fuel generator shall not be permitted to interconnect to the Company's distribution facilities if the interconnection would reasonably lead to damage of any of the Company's facilities or would reasonably lead to voltage regulation or power quality problems at other customer revenue meters due to the incremental effect of the Company's electric distribution system, unless the customer reimburses the Company for its cost to modify any facilities needed to accommodate the interconnection.
  - b. Secondary, Service and Service Entrance Limitations. The capacity of the RF Generator shall be less than the capacity of the Company-owned secondary, service, and service entrance cable connected to the point of interconnection, unless the customer reimburses the Company for its cost to modify any facilities needed to accommodate the interconnection.
  - c. Transformer Loading Limitations. The RF Generator shall not have the ability to overload the Company's transformer, or any transformer winding, beyond manufacturer or nameplate ratings, unless the customer reimburses the Company for its costs to modify any facilities needed to accommodate the interconnection.
  - d. Integration With Company Facilities Grounding. The grounding scheme of the renewable fuel generator shall comply with IEEE 1547, Standard for Interconnecting Distributed Resources With Electric Power Systems, July 2003, and shall be consistent with the grounding scheme used by the Company. If requested by a prospective net metering customer, the Company shall assist the customer in selecting a grounding scheme the coordinates with the Company's distribution system.
  - e. Balance Limitation. The RF Generator shall not create a voltage imbalance of more than 3.0% at any other customer's revenue meter if the Company's transformer, with the secondary connected to the point of interconnection, is a three-phase transformer, unless the customer reimburses the Company for its cost to modify any facilities needed to accommodate the interconnection.
4. The customer shall provide a copy of its insurance policy to the Company. If the customer's renewable fuel generator does not exceed 10 KW, then such coverage shall be an amount of at least \$100,000 for the liability of the insured against loss arising out of the use of a generation facility. If the customer's renewable fuel generator exceeds 10 KW, then such coverage shall be an amount of at least \$300,000 for the liability of the insured against loss arising out of the use of a generation facility. The customer must submit evidence of such insurance to the Company with the Interconnection Notification Form.
- The Company's receipt of evidence of liability insurance does not imply an endorsement of the terms and conditions of the coverage.
- Neither party assumes any responsibility of any kind with respect to the construction, maintenance, or operation of the system or other property owned or used by the other party. The Customer agrees that the Company shall not be liable for any claims, costs, losses, suits or judgments for damages to any Person or property in any way resulting from, growing out of, or arising in or in connection with the use of, or contact with, energy delivered after it is delivered to Customer and while it is flowing through the lines of Customer, or is being distributed by Customer, or is being used by retail load.
5. Following Notification by the Customer, the Company shall have the right to inspect and test the RF Generator equipment and installation prior to interconnection. The nature and extent of these tests shall be determined solely by the Company. The Company reserves the right to conduct additional tests and inspections and to install additional equipment or meters at any time following interconnection of the RF Generator. The Customer shall not commence parallel operation of the RF Generator until the facility has been approved by the Company. Notwithstanding the foregoing, the Company's approval to operate the facility in parallel with the Company's system should not be construed as an endorsement, confirmation, warranty, guarantee, or representation concerning the safety, operating characteristics, durability of reliability of the RF Generator.

**TARIFF N.M.S.**  
**(Net Metering Service Rider)**

6. The RF Generator installation must have a visibly open, lockable, manual disconnect switch which is accessible by the Company at all hours and clearly labeled. A licensed certified technician must certify via the Interconnection Notification Form that the disconnection switch has been installed properly. The Company reserves the right to install any additional equipment, including controls and meters, at the facility.
7. The Customer shall periodically maintain and test the RF Generator in accordance with the manufacturer's specifications and all applicable safety and performance standards. The Customer shall notify the Company at least fourteen (14) days prior to making any material changes to the renewable fuel generator facility or installation, including, but not necessarily limited to, any modification to the equipment or protective equipment settings or disconnection of the RF Generator from the Company's system, excluding temporary disconnects for routine maintenance. Modifications or changes made to the RF Generator shall be evaluated by the Company prior to being made. The Customer shall provide detailed information describing the modifications of changes to the Company in writing prior to making the modification the RF Generator. The Company shall review the proposed changes to the RF Generator and provide the results of its evaluation to the Customer within sixty (60) days of receipt of the Customer's proposal. Any items that would prevent parallel operation due to violation of applicable safety standards and/or power generation limits shall be explained along with a description of the modifications necessary to remedy violations. Following a notification of disconnection of the renewable fuel generator, the customer must again complete the Notification process specified above prior to any subsequent reconnection.

In addition, the customer shall notify the Company immediately regarding either any damage to the RF Generator facility or safety-related emergency disconnections.

8. The Company may enter the Customer's premises to inspect the Customer's protective devices and read or test the meter. The Company may disconnect the interconnection facilities without notice if the Company reasonably believes a hazardous condition exists and such immediate action is necessary to protect persons, or the Company's facilities, or property of others from damage or interference caused by the Customer's facilities.
9. Interconnection authorization is not transferable or assignable to other persons or service locations.

**C. Other**

1. The Company shall not be obligated to accept energy from the Customer and may require Customer to interrupt or reduce delivery of energy, when necessary, in order to construct, install, repair, replace, remove, investigate, or inspect any of the Company's equipment or part of its system; or if it reasonably determines that curtailment, interruption, or reduction is necessary because of emergencies, forced outage, force majeure, or compliance with prudent electrical practices. Whenever possible, the Company shall give the Customer reasonable notice of the possibility that interruption or reduction of deliveries may be required. Notwithstanding any other provision of this tariff, if at any time the Company reasonably determines that either the Renewable fuel generator facility may endanger the Company's personnel or other persons or property, or the continued operation of the RF Generator may endanger the integrity of safety of the Company's system, the Company shall reserve the right to disconnect and lock out the RF Generator from the Company's system. The RF Generator shall remain disconnected until such time as the Company is reasonably satisfied that the conditions referenced in this section have been satisfied.
2. To the fullest extent permitted by law, neither customer nor company, nor their respective officers, directors, agents, and employees members parents or affiliates, successors or assigns, or their respective officers directors, agents, nor employees successors or assigns shall be liable to the other party or their respective members, parents, subsidiaries, affiliates, officers, directors, agents employees successors or assigns, for claims ,suits, actions or causes of action for incidental, indirect, special, punitive ,multiple, or consequential damages connected with or resulting from performance or non-performance of such agreement, or any actions undertaken in connection with or related to this agreement, including without limitation, any such damages which are based upon causes of action for breach of contract, tort (including negligence and misrepresentation), breach of warranty, strict liability, statute, operation of law under any indemnity provision or any other theory of recovery. The obligor's liability shall be limited to direct damages only, and such direct damages shall be the sole and exclusive measure of damages and all other judicial remedies or damages are waived. The provisions of this section shall apply regardless of fault and shall survive termination, cancellation, suspension, completion or expiration of this agreement. Notwithstanding anything in this section to the contrary, any provisions of this section will not apply to the extent it is finally determined by a court of competent jurisdiction, including appellate review if pursued, to violate the laws of the Constitution of the State of Tennessee.

**TARIFF N.M.S.**  
**(Net Metering Service Rider)**

**FACILITIES CHARGES**

The customer is responsible for all equipment and installation costs of the renewable fuel generator facility.

The Company shall inspect the inverter settings of a static inverter-connected renewable fuel generator prior to interconnection. The customer shall pay \$50 to the Company for each generator that requires inspection.

The Company shall inspect the protective equipment settings of a non-static inverter-connected renewable fuel generator prior to interconnection. The customer shall pay \$50 to the Company for each generator that requires inspection.

The customer shall pay to the Company any additional charges, as determined by the Company, for equipment, labor, metering, testing or inspections requested by the customer.

**METERING**

Net metered energy shall be measured in accordance with standard metering practices by metering equipment capable of measuring (but not necessarily displaying) power flow in both directions.

In instances where a Net Metering Customer has requested, and where the electric distribution company would not have otherwise installed, metering equipment, the Company may charge the Net Metering Customer its actual cost of installing any additional equipment necessary to implement Net Metering Service.

**MONTHLY CHARGES**

All monthly charges shall be in accordance with the Schedule under which the customer takes service. Such charges shall be based on the customer's net energy for the billing period, to the extent that the net energy exceeds zero. To the extent that a customer's net energy is zero or negative during the billing period, the customer shall pay only the non-usage sensitive charges of the Schedule. The customer shall receive no compensation from the Company for Excess Generation during the billing period. The Excess Generation during the billing period shall be carried forward and credited against positive energy usage in subsequent billing periods.

The Net Metering Period shall be defined as each successive 12-month period beginning with the first meter reading date following the date of interconnection of the RF Generator with the Company's facilities. Any Excess Generation at the end of a Net Metering Period shall be carried forward to the next Net Metering Period only to the extent that the Excess Generation does not exceed the customer's billed consumption for the current net metering period, adjusted to exclude accumulated billing credit carried forward and applied from the previous net metering Period.

Excess generation is not transferable, and the Customer, shall receive no compensation from the Company for any Excess generation upon termination of service from the Company.



**ADMINISTRATIVE COST RIDER**

**N**

Kingsport Power is authorized under the terms of this rider to apply a charge to all customer bills rendered by the Company to recover certain costs associated with the COVID-19 pandemic and costs incurred to prepare its general base rate case [Docket No. 21-00107]. The charge is 0.011¢/kWh and is in effect until modified by the T.P.U.C.

**RESERVED FOR FUTURE USE**

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### TRP & MS RIDER

In accordance with Tennessee Code Annotated § 65-5-103 (d) (2) (A) (ii) and (iii), Kingsport Power is authorized under the terms of this rider to apply a charge to all customer bills on a service rendered basis to recover actually incurred TRP & MS (Targeted Reliability Plan & Major Storm) Rider costs.

1. Calculation of Targeted Reliability Program and Major Storm Rider Recovery

At least annually the Company will file information regarding actual Targeted Reliability Plan (TRP) costs and Major Storm (MS) expenses. The annual change in the Company's TRP & MS Rider recovery amount shall be calculated according to the following formula:

$$\text{TRP \& MSa} - \text{TRP \& MSr}$$

Where

TRP & MSa is the Company's Targeted Reliability Plan and Major Storm actual costs incurred by the Company for the period. In developing the Targeted Reliability Plan return on capital, the Company will use the most recent base case authorized rate of return. T

TRP & MSr is the actual revenues received as a result of TRP & MS Rider rates in effect for the same period.

2. Updates to TRP & MS Rider Costs

TRP & MS Rider rates shall remain in effect until such time as new TRP & MS Rider rates are approved by the Tennessee Public Utility Commission.

3. Determination of Adjustments to Surcharges by Tariff

The Company will adjust the level of revenue recovery (positive or negative) under the TRP & MS Rider by the amount of the Calculation described in Section 1 and any remaining prior period over/under recovery balance. Prior period over/under recovery balances result from differences between the Company's actual costs as calculated in Section 1 and actual billing under the Rider in prior reporting periods. The Company will allocate the revenue requirement to the individual tariff class by application of the revenue allocation factors used in the Company's most recent base case, and will use the appropriate billing determinants, as determined in the Company's most recent base case, to develop the TRP & MS Rider tariff charges.

4. Notification of Change in Charge by the Company

The Company will provide no less than a 30-day notice of the proposed effective date in any change in the Rider charge to its customers. The Company will also provide the calculations and other information supporting the Rider charges to the Staff of the Tennessee Public Utility Commission in advance of the effective date of such charge.

**TRP & MS RIDER**

5. Charge

Pursuant to the provisions of this Rider, a TRP & MS Rider charge will be applied to each account under the Company's filed tariffs.

The TRP & MS Rider charge applicable to each tariff is set below:

<u>Tariff</u>	<u>Energy Rate</u>	<u>Demand Rate</u>	<u>Customer Rate</u>
	(¢) / kWh	(\$)/ KW or *KVA	(\$)/Customer
<u>Residential</u>			\$4.84
<u>Residential Employee</u>			\$4.84
<u>Residential Smart Time-of-Use</u>			\$4.84
<u>Residential Time-of-Day</u>			\$4.84
<u>Small General Service (SGS)</u>			\$6.10
<u>Medium General Service (MGS) Secondary</u>		\$2.85	
<u>General Service Time-of-Day (GS-TOD)</u>	0.27811		
<u>Medium General Service (MGS) Primary</u>		\$2.75	
<u>Large General Service (LGS) Secondary*</u>		\$3.08	
<u>Large General Service (LGS) Primary*</u>		\$2.39	
<u>LGS Subtransmission/Transmission*</u>		\$2.34	
<u>Industrial Power (IP) Secondary</u>		\$1.12	
<u>Industrial Power (IP) Primary</u>		\$1.09	
<u>Industrial Power (IP) Subtransmission/Transmission</u>		\$1.03	
<u>Church Service</u>	1.06862		
<u>Public Schools (PS)</u>	0.85979		
<u>Electric Heating General (EHG)**</u>		\$2.84	
<u>Outdoor Lighting (OL)- (per Lamp)</u>			\$1.25
<u>Street Lighting (SL) – (per Lamp)</u>			\$1.25

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\*\*Demand is measured in accordance with tariff.

**TARIFF S.B.S.  
(Standby Service)**

**MONTHLY CHARGES FOR STANDBY SERVICE**

Supplemental Service

The customer shall contract for a specific amount of supplemental contract capacity according to the provisions of the applicable firm service Standard Tariff (hereinafter referred to as supplemental tariff). Any demand or energy not identified as backup or maintenance service shall be considered supplemental service and billed according to the applicable Standard Schedule.

Backup Service

1. Determination of Backup Contract Capacity

The backup contract capacity in kilowatts (kW) shall be initially established by mutual agreement between the customer and the Company for electrical capacity sufficient to meet the maximum backup requirements which the Company is expected to supply.

The customer shall specify the desired backup contract capacity to the nearest 50 kW as well as the desired service reliability as specified under the Monthly Backup Charge. Changes in the backup contract capacity are subject to the provisions set forth in the Term of Contract.

2. Backup Service Notification Requirement

Whenever backup service is needed, the customer shall verbally notify the Company within one (1) hour. Such notification shall be confirmed in writing within five (5) working days and shall specify the time and date such use commenced and termination date. If such notification is not received, the customer shall be subject to an increase in contract capacity in accordance with the provisions of the Standard Schedule under which the customer receives supplemental service and such backup demand shall be considered supplemental demand and billed accordingly.

3. Backup Demand Determination

Whenever backup service is supplied to the customer for use during forced outages, the customer's integrated kW demand shall be adjusted by subtracting the amount of backup contract capacity supplied by the Company. In no event shall the adjusted demand be less than zero (0). The monthly billing demand under the supplemental service schedule shall be the maximum adjusted integrated demand. If both backup and maintenance service are utilized during the same billing period, the customer's integrated demands will be adjusted for both in the appropriate period. Whenever the customer's maximum integrated demand at any time during the billing period exceeds the total of the supplemental service contract capacity and the specific request for backup and/or maintenance service, the excess demand shall be considered as supplemental demand in the determination of the billing demands under the appropriate supplemental service schedule.

4. Backup Service Energy Determination

Whenever backup service is utilized, backup energy shall be billed under the appropriate supplemental tariff.

**TARIFF S.B.S.  
(Standby Service)**

**MONTHLY CHARGES FOR STANDBY SERVICE (Cont'd)**

5. Monthly Back-up Charge

Each kilowatt of demand billed is subject to all applicable riders.

Service Voltage	% Forced Outage Rate	Maximum Outage Hours	Demand Charge \$/KW
Service Reliability Level A	5	438	
Service Reliability Level B	10	876	
Service Reliability Level C	15	1,314	
Service Reliability Level D	20	1,752	
Service Reliability Level E	25	2,190	
Service Reliability Level F	30	2,628	
Secondary			4.70
Primary			3.13
Subtransmission/Transmission			0.00

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The total monthly backup charge is equal to the selected monthly backup demand charge times the backup contract capacity. Whenever the allowed outage hours for the respective reliability level selected by the customer are exceeded during the contract year, the customer's unadjusted integrated demands shall be used for billing purposes under the appropriate supplemental tariff for the remainder of the contract year.

Maintenance Service

1. Determination of Maintenance Contract Capacity

The customer may contract for maintenance service by giving at least six (6) months' advance written request as specified in the Term of Contract. Such notice shall specify the amount to the nearest fifty (50) kW not to exceed the customer's maximum maintenance service requirements during planned maintenance outages, and the effective date for the amount of contracted maintenance service.

2. Maintenance Service Notification Requirement

A major maintenance outage shall be considered as any maintenance service request greater than 5,000 kW and may be scheduled at a time consented to by the Company. Written notice shall be provided by the customer at least 180 days in advance of such scheduled outages or a lesser period by mutual agreement and shall specify the kW amount of maintenance service required, as well as the dates and times such use will commence and terminate. A major maintenance service request shall not exceed the kW capacity of the customer's power production facilities as listed in the customer's service contract.

A minor maintenance outage shall be considered as any maintenance service request of 5,000 kW or less and may be scheduled at a time consented to by the Company. Written notice shall be provided by the customer at least thirty (30) days in advance of such outage or a lesser period by mutual agreement.

If such notification is not received, the customer shall be subject to an increase in supplemental service contract capacity according to the provisions of the supplemental service schedule under which the customer is served and such maintenance service demand shall be considered as supplemental load in the determination of the billing demands.

**TARIFF S.B.S.  
(Standby Service)**

**MONTHLY CHARGES FOR STANDBY SERVICE (Cont'd)**

**3. Major Maintenance Service Limitation**

The customer shall be limited to one major maintenance outage of 30-days duration for each generator listed in the customer's service contract in each contract year. Additional major maintenance outages or outages exceeding 30-days duration may be requested by the customer and shall be subject to approval by the Company. At the time in which any such additional or prolonged maintenance occurs, the customer shall provide to the Company notarized verification that energy provided under this provision is for maintenance use only.

**4. Maintenance Service Demand Determination**

Whenever a specific request for maintenance service is made by the customer, the customer's integrated demands will be adjusted by subtracting the maintenance service requested in the hours specified by the customer. The monthly billing demands under the supplemental service schedule shall be the maximum adjusted integrated demands.

If both backup and maintenance service are utilized during the same billing period, the customer's integrated demands will be adjusted for both in the appropriate hours. In no event shall the adjusted demand be less than zero (0).

Whenever the maximum integrated demand at any time during the billing period exceeds the total of the supplemental contract capacity and the specific request for maintenance and/or back-up service, the excess demand shall be considered as supplemental load in the determination of the billing demands.

**5. Maintenance Service Energy Determination**

Whenever maintenance service is used, maintenance energy shall be calculated as the lesser of a) the kW of maintenance service requested multiplied by the number of hours of maintenance use or b) total metered energy. Metered energy for purposes of billing under the appropriate supplemental service schedule shall be derived by subtracting the maintenance energy from the total metered energy for the billing period.

**6. Monthly Maintenance Service Charge**

In addition to the monthly charges established under the supplemental service schedule, the customer shall pay the Company for maintenance energy as follows:

For each kWh of maintenance energy taken:

Service Voltage	Energy Charge ¢/kWh
Secondary	0.596
Primary	0.396
Subtransmission/Transmission	0.000

Each kilowatt-hour of energy consumed is subject to all applicable riders.

**TARIFF S.B.S.  
(Standby Service)**

**MONTHLY CHARGES FOR STANDBY SERVICE (Cont'd)**

Local Facilities Charge

Charges to cover interconnection costs (including but not limited to suitable meters, relays and protective apparatus) incurred by the Company shall be determined by the Company and shall be collected from the customer. Such charges shall include the total installed cost of all local facilities. In addition, the customer shall reimburse the Company for all state and federal income taxes associated with such charges. The customer shall make a one-time payment for the Local Facilities Charge at the time of the installation of the required additional facilities, or, at his option, up to thirty-six (36) consecutive equal monthly payments reflecting an annual interest charge as determined by the Company, but not to exceed the cost of the Company's most recent issue of long-term debt. If the customer elects the installment payment option, the Company may require a reasonable security deposit. This provision applies also to customers with Standby Contract capacities less than 100kW.

RIDERS

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved riders as contained herein. T

PROMPT PAYMENT DISCOUNT

A discount of 1.5 percent will be allowed if account is paid in full within 15 days of date of bill.

SPECIAL PROVISION FOR CUSTOMERS WITH STANDBY CONTRACT CAPACITIES OF LESS THAN 100 kW

Customers requesting standby service (backup and/or maintenance) with contract capacities of less than 100 kW shall execute a special contract form for a minimum of one (1) year. Contract standby capacity in kilowatts shall be set equal to the capacity of the customer's largest power production facility.

TERM

Contracts under this Schedule will be made for an initial period of not less than one (1) year and shall continue thereafter until either party has given six (6) months' written notice to the other of the intention to terminate the contract. The Company will have the right to make contracts for initial periods longer than one (1) year.

A 6-months' advance written request is required for any change in supplemental, backup, or maintenance service requirements, except for the initial standby service contract. All changes in the standby service contract shall be effective on the contract anniversary date. The Company shall either concur in writing or inform the customer of any conditions or limitations associated with the customer's request within sixty (60) days.

SPECIAL TERMS AND CONDITIONS

At its discretion, the Company may require that Company-owned metering be installed to monitor the customer's generation.

The Company reserves the right to inspect the customer's relays and protective equipment at all reasonable times.

Customers taking service under this Standard Schedule who desire to transfer to firm full requirements will be required to give the Company written notice of at least thirty-six (36) months. The Company reserves the right to reduce the notice period requirement dependent upon individual circumstances.



**RIDER A.F.S.**  
**(Alternate Feed Service)**

AVAILABILITY OF SERVICE

Standard Alternate Feed Service (AFS) is a premium service providing a redundant distribution service provided through a redundant distribution line and distribution station transformer, with automatic or manual switch-over and recovery, which provides increased reliability for distribution service. Rider AFS applies to those customers requesting new or upgraded AFS after December 31, 2016, or existing AFS customers that desire to maintain redundant service when the Company must make expenditures after December 31, 2016, in order to continue providing such service.

Rider AFS is available to customers who request a primary voltage alternate feed and who normally take service under Tariffs M.G.S., L.G.S., and I.P. for their basic service requirements, provided that the Company has adequate capacity in existing distribution facilities, as determined by the Company, or if changes can be made to make capacity available. AFS provided under this rider may not be available at all times, including emergency situations.

SYSTEM IMPACT STUDY CHARGE

The Company shall charge the customer for the actual cost incurred by the Company to conduct a system impact study for each site reviewed. The study will consist of, but is not limited to, the following: (1) identification of customer load requirements, (2) identification of the potential facilities needed to provide the AFS, (3) determination of the impact of AFS loading on all electrical facilities under review, (4) evaluation of the impact of the AFS on system protection and coordination issues including the review of the transfer switch, (5) evaluation of the impact of the AFS request on system reliability indices and power quality, (6) development of cost estimates for any required system improvements or enhancements required by the AFS, and (7) documentation of the results of the study. The Company will provide to the customer an estimate of charges for this study.

EQUIPMENT AND INSTALLATION CHARGE

The customer shall pay, in advance of construction, a nonrefundable amount for all equipment and installation costs for all dedicated and/or local facilities provided by the Company required to furnish either a new or upgraded AFS. The payment shall be grossed-up for federal and state income taxes, assessment fees and utility receipts taxes. The customer will not acquire any title in said facilities by reason of such payment. The equipment and installation charge shall be determined by the Company and shall include, but not be limited to, the following: (1) all costs associated with the AFS dedicated and/or local facilities provided by the Company, and (2) any costs or modifications to the customer's basic service facilities.

The customer is responsible for all costs associated with providing and maintaining phone service for use with metering to notify the Company of a transfer of service to the AFS or return to basic service.

**RIDER A.F.S.**  
**(Alternate Feed Service)**

**TRANSFER SWITCH PROVISIONS**

In the event the customer receives basic service at primary voltage, the customer shall install, own, maintain, test, inspect, operate and replace the transfer switch. Customer-owned switches are required to be at primary voltage and must meet the Company's engineering, operational and maintenance specifications. The Company reserves the right to inspect the customer-owned switches periodically and to disconnect the AFS for adverse impacts on reliability or safety.

Existing AFS customers, who receive basic service at primary voltage and are served via a Company-owned transfer switch and control module, may elect for the Company to continue ownership of the transfer switch. When the Company-owned transfer switch and/or control module requires replacement, and the customer desires to continue the AFS, the customer shall pay the Company the total cost to replace such equipment which shall be grossed up for federal and state income taxes, assessment fees and utility receipts taxes. In addition, the customer shall pay a monthly rate of \$14.69 for the Company to annually test the transfer switch / control module and the customer shall reimburse the Company for the actual costs involved in maintaining the Company-owned transfer switch and control module.

In the event a customer receives basic service at secondary voltage and requests AFS, the Company will provide the AFS at primary voltage. The Company will install, own, maintain, test, inspect and operate the transfer switch and control module. The customer shall pay the Company a nonrefundable amount for all costs associated with the transfer switch installation. The payment shall be grossed-up for federal and state income taxes, assessment fees and utility receipts taxes. In addition, the customer is required to pay the monthly rate for testing and ongoing maintenance costs defined above. When the Company-owned transfer switch and/or control module requires replacement, and the customer desires to continue the AFS, customer shall pay the Company the total cost to replace such equipment which shall be grossed up for federal and state income taxes, assessment fees and utility receipts taxes.

After a transfer of service to the AFS, a customer utilizing a manual or semi-automatic transfer switch shall return to the basic service within one (1) week or as mutually agreed to by the Company and customer. In the event system constraints require a transfer to be expedited, the Company will endeavor to provide as much advance notice as possible to the customer. However, the customer shall accomplish the transfer back to the basic service within ten minutes if notified by the Company of system constraints. In the event the customer fails to return to basic service within 12 hours, or as mutually agreed to by the Company and customer, or within ten minutes of notification of system constraints, the Company reserves the right to immediately disconnect the customer's load from the AFS source. If the customer does not return to the basic service as agreed to, or as requested by the Company, the Company may also provide 30 days' notice to terminate the AFS agreement with the customer.

The customer shall make a request to the Company for approval three days in advance for any planned switching.

**MONTHLY AFS CAPACITY RESERVATION DEMAND CHARGE**

Monthly AFS charges will be in addition to all monthly basic service charges paid by the customer under the applicable tariff.

The Monthly AFS Capacity Reservation Demand Charge for the reservation of distribution station and primary lines is \$2.46 per kW/kVA.

**RIDER A.F.S.**  
**(Alternate Feed Service)**

**AFS CAPACITY RESERVATION**

The customer shall reserve a specific amount of AFS capacity equal to, or less than, the customer's normal maximum requirements, but in no event shall the customer's AFS capacity reservation under this rider exceed the capacity reservation for the customer's basic service under the appropriate tariff. The Company shall not be required to supply AFS capacity in excess of that reserved except by mutual agreement.

If the customer plans to increase the AFS demand at any time in the future, the customer shall promptly notify the Company of such additional demand requirements. The customer's AFS capacity reservation and billing will be adjusted accordingly. The customer will pay the Company the actual costs of any and all additional dedicated and/or local facilities required to provide AFS in advance of construction and pursuant to an AFS construction agreement. If customer exceeds the agreed upon AFS capacity reservation, the Company reserves the right to disconnect the AFS. If the customer's AFS metered demand exceeds the agreed upon AFS capacity reservation, which jeopardizes company facilities or the electrical service to other customers, the Company reserves the right to disconnect the AFS immediately. If the Company agrees to allow the customer to continue AFS, the customer will be required to sign a new AFS agreement reflecting the new AFS capacity reservation. In addition, the customer will promptly notify the Company regarding any reduction in the AFS capacity reservation.

The customer may reserve partial-load AFS capacity, which shall be less than the customer's full requirements for basic service subject to the conditions in this provision. Prior to the customer receiving partial-load AFS capacity, the customer shall be required to demonstrate or provide evidence to the Company that they have installed demand-controlling equipment that is capable of curtailing load when a switch has been made from the basic service to the AFS. The Company reserves the right to test and verify the customer's ability to curtail load to meet the agreed upon partial-load AFS capacity reservation.

**DETERMINATION OF BILLING DEMAND**

**Full-Load Requirement:**

For customers requesting AFS equal to their load requirement for basic service, the AFS billing demand shall be taken each month as the single-highest 15-minute or 30-minute integrated peak as registered during the month by a demand meter or indicator, but the monthly AFS billing demand so established shall in no event be less than the greater of (a) the customer's AFS capacity reservation, or (b) the customer's highest previously established monthly billing demand on the AFS during the past 11 months, or (c) the customer's basic service capacity reservation, or (d) the customer's highest previously established monthly billing demand on the basic service during the past 11 months

**Partial-Load Requirement:**

For customers requesting partial-load AFS capacity reservation that is less than the customer's full requirements for basic service, the AFS billing demand shall be taken each month as the single-highest 15-minute integrated peak on the AFS as registered during the month by a demand meter or indicator, but the monthly AFS billing demand so established shall in no event be less than the greater of (a) the customer's AFS capacity reservation, or (b) the customer's highest previously established monthly metered demand on the partial-load AFS during the past 11 months.

**PROMPT PAYMENT DISCOUNT**

A discount of 1.5 percent will be allowed if account is paid in full within 15 days of date of bill.

**RIDER A.F.S.**  
**(Alternate Feed Service)**

**TERM OF CONTRACT**

The AFS agreement under this rider will be made for a period of not less than one year and shall remain in effect thereafter until either party shall give at least six months' written notice to the other of the intention to discontinue service under the terms of this rider.

Disconnection of AFS under this rider due to reliability or safety concerns associated with customer-owned transfer switches will not relieve the customer of payments required hereunder for the duration of the agreement term.

**SPECIAL TERMS AND CONDITIONS**

This rider is subject to the Company's Terms and Conditions of Service.

Upon receipt of a request from the customer for non-standard AFS (AFS which includes unique service characteristics different from standard AFS), the Company will provide the customer with a written estimate of all costs, including system impact study costs, and any applicable unique terms and conditions of service related to the provision of the non-standard AFS. An AFS agreement will be filed with the Commission under the 30-day filing procedures. The AFS agreement shall provide full disclosure of all rates, terms and conditions of service under this rider, and any and all agreements related thereto.

The Company will have sole responsibility for determining the basic service circuit and the AFS circuit.

The Company assumes no liability should the AFS circuit, transfer switch, or other equipment required to provide AFS fail to operate as designed, is unsatisfactory, or is not available for any reason.

**TARIFF P.E.V**  
**(Residential Plug-In Electric Vehicle Charging)**

AVAILABILITY OF SERVICE

Available for Tariff RS (Residential Service) customers who use using charging stations for Plug-In Electric Vehicles (PEV) programmed to consume electrical energy primarily during off-peak hours specified by the Company, who currently have a standard meter. The PEV must be a licensed electric motor vehicle which is subject to state inspection, and which is either owned or leased by the Customer.

PROGRAM DESCRIPTION

PEVs eligible to be served under this Tariff shall be metered through one single-phase, multi-register meter capable of measuring electrical energy consumption during on-peak and off-peak billing periods. Metering that is capable of separately identifying PEV usage shall be installed at the Company's discretion. Total Residential Service usage will be billed at the Customers Tariff RS Monthly Rates. A credit will be applied to the Customer's bill for all off-peak PEV kWh usage measured at the submeter and billed under Tariff Code (059). There is no billing adjustment for PEV on-peak usage.

CONDITIONS OF SERVICE

The supply of electricity to such charging system must be via a dedicated hard-wired circuit, single-phase, at not more than 240 volts, nor more than 100 amperes. The customer may be required to provide documentation, such as current vehicle registration, that demonstrates possession of the PEV to take service under this Tariff.

MONTHLY RATE (Tariff Code 059)

Energy Charge:

All Residential Service Usage . . .

All metered kWh used during the off-peak billing period . . .

Current Tariff RS Customer and Energy Charge apply  
-1.938 (Credit) cents per kWh

N

Second Meter Charge....

\$2.43 per month

N

Each kilowatt-hour of energy consumed is subject to all applicable Standard Service riders and surcharges.

For the purpose of this Tariff, the on-peak billing period is defined as 6 a.m. to 8 p.m., local time, for all weekdays, Monday through Friday. The off-peak billing period is defined as 8 p.m. to 6 a.m., local time, for all weekdays, all hours of the day on Saturdays and Sundays, and the legally observed holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

TERM

Customers who opt to take service under this Tariff are required to enter into a written service agreement which may require periodic documentation of continued operation of a qualifying PEV. Should the Customer discontinue operating the qualifying PEV, the Customer will notify the Company so that arrangements can be made to remove PEV metering and terminate service under this Tariff.

SPECIAL TERMS AND CONDITIONS

This tariff is subject to the Company's Terms and Conditions of Service.

The Company reserves the right to inspect at all reasonable times the vehicle charging devices which qualify the residence for service under this Tariff. If the Company finds that in its sole judgement the availability conditions of this tariff are being violated, it may discontinue billing the customer under this Tariff and commence billing under the appropriate Residential Service Tariff.

**OPTIONAL RIDER E.D.R.**  
**(Economic Development Rider)**

**AVAILABILITY OF SERVICE**

In order to encourage economic development in the Company's service area, limited-term reductions in billing demands described herein are offered to qualifying new and existing retail Customers who make application for service under this Rider.

Service under this Rider is intended for specific types of commercial and industrial Customers whose operations, by their nature, will promote sustained economic development based on plant and facilities investment and job creation. Customers must apply for service under this Rider. Availability is limited to Customer load additions totaling up to 50 MW in aggregate. This Rider is available to commercial and industrial Customers who are or would be served under Tariff M.G.S., L.G.S. and I.P. who meet the following requirements:

- (1) A new Customer must have a billing demand of 500 kW or more, or at least 500 kVA for Tariff L.G.S. An existing Customer must increase billing demand by 500 kW or more, or at least 500 kVA for Tariff L.G.S., over the maximum billing demand during the 24 months prior to the date of the application by the Customer for service under this Rider (Base Maximum Billing Demand) at the same Customer location. The Base Billing Demand for a new Customer shall be 0 kW.
- (2) A new Customer, or the expansion by an existing Customer, must result in the creation of at least ten (10) full-time equivalent (FTE) jobs maintained over the contract term, or a capital investment at the service location in excess of two million five hundred thousand dollars (\$2,500,000). Company reserves the right to verify job counts. Failure to demonstrate the creation of new employment positions and to maintain the employment during the contract term or the required capital investment, will result in the termination of the contract or agreement addendum for service under this Rider.
- (3) The Customer must demonstrate to the Company's satisfaction that, absent the availability of this Rider, the qualifying new or increased demand would be located outside of the Company's service territory or would not be placed in service due to poor operating economics.

**TERMS AND CONDITIONS**

- (1) To receive service under this Rider, the Customer shall make written application to the Company with sufficient information contained therein to determine the Customer's eligibility for service. Applications will be reviewed in the order in which they were received.
- (2) For new Customers, billing demands for which deductions will be applicable under this Rider shall be for service at a new service location and not merely the result of a change of ownership. Relocation of the delivery point of the Company's service, moving existing equipment from another AEP-served location or load transfers from another AEP-served location do not qualify as a new service location.
- (3) For existing Customers, billing demands for which deductions will be applicable under this Rider shall be the result of an increase in business activity and not merely the result of resumption of normal operations following a force majeure, strike, equipment failure, renovation or refurbishment, or other such abnormal operating condition. In the event that such an occurrence has taken place during the 24-month period prior to the date of the application by the Customer for service under this Rider, the monthly billing demands during the 24-month period shall be adjusted as appropriate to eliminate the effects of such occurrence.
- (4) All demand adjustments offered under this Rider shall be applicable for a maximum of five years.
- (5) The existing local facilities of the Company must be deemed adequate, in the judgment of the Company, to supply the new or expanded electrical capacity requirements of the Customer. If construction of new or expanded local facilities by the Company is required; the Customer may be required to make a contribution-in-aid of construction for the installed cost of such facilities pursuant to the provisions of the Company's Terms and Conditions of Service.

**OPTIONAL RIDER E.D.R.**  
**(Economic Development Rider)**  
**(continued)**

**DETERMINATION OF MONTHLY ADJUSTED BILLING DEMAND**

The Qualifying Incremental Billing Demand shall be determined as the amount by which the billing demand, as determined according to the Customer's Standard Schedule, for the current billing period without this Rider, exceeds the Base Maximum Billing Demand. Such incremental billing demand shall be considered to be zero, however, unless it is at least 500 kW, or at least 500 kVA for Tariff L.G.S., for new Customers or existing Customers.

The monthly adjusted billing demand under this Rider shall be the billing demand as determined according to the Customer's Tariff for the current billing period without this Rider less the product of the Qualifying Incremental Billing Demand and the applicable Adjustment Factor.

No Adjustment Factors shall be applied to any portion of minimum billing demands as calculated under the Customer's Tariff.

**DETERMINATION OF ADJUSTMENT FACTOR**

Customers meeting all availability and terms and conditions above shall contract for service for a period of five (5) years with an Adjustment Factor of forty percent (40%).

The adjustment factor shall be applicable over a period of 60 consecutive billing months beginning with the first such month following the end of the start-up period. The start-up period shall commence with the effective date of the contract addendum for service under this Rider and shall terminate by mutual agreement between the Company and the Customer.

In no event shall the start-up period exceed 12 months.

**TERMS OF CONTRACT**

A contract or agreement addendum for service under this Rider, in addition to service under Tariff M.G.S., L.G.S., and I.P., shall be executed by the Customer and the Company for the time period which includes the start-up period and the adjustment factor period immediately following the end of the start-up period. The contract addendum shall specify the Base Maximum Billing Demand, the anticipated total demand, the Adjustment Factor and related provisions to be applicable under this Rider, and the effective date for the contract addendum.

The Customer may discontinue service under this Rider before the end of the contract or agreement addendum only by reimbursing the Company for any demand adjustments received under this Rider billed at the applicable rate.

**SPECIAL TERMS AND CONDITIONS**

Except as otherwise provided in this Rider, written agreements shall remain subject to all of the provisions of the applicable tariff. This Rider is subject to the Company's Terms and Conditions of Service.

**OPTIONAL RIDER R.E.C.  
(Renewable Energy Choice Rider)**

AVAILABILITY OF SERVICE

Available to customers taking service under the Company's metered rate schedules. The Company will purchase and retire Renewable Energy Certificates (RECs) on behalf of participating customers under Option A. The Company will seek to purchase the lowest cost RECs available on behalf of customers. The Company reserves the right to evaluate the market value of RECs annually and adjust the rate to reflect prevailing costs.

Customers who wish to directly purchase the electrical output and all associated environmental attributes from a renewable energy generator may contract bilaterally with the Company under Option B. Option B is available to customers taking metered service under the Company's I.P. or L.G.S. tariffs, or multiple P.S., G.S.-T.O.D. or M.G.S. tariff accounts with common ownership under a single parent company that can aggregate multiple accounts to exceed 1000 kW of peak demand.

CONDITIONS OF SERVICE

Customers who wish to support the development of electricity generated by Renewable Resources may under Option A contract to purchase each month a specific number of fixed kWh blocks, or choose to cover all of their monthly usage. All REC's purchased under Option A of this tariff shall be retained or retired by the Company on behalf of customers.

MONTHLY RATES

Option A

In addition to the monthly charges determined according to the Company's rate schedule under which the customer takes service, the customer shall participate in the Renewable Energy Credit Rider under one of the following options:

Block Purchase Option: \$5.35 for each 500 kWh block nominated  
All Usage Purchase Option: \$0.0107/kWh consumed

N

N

The Monthly Rate for Renewable Energy (MRRE) is calculated as follows:

$$MRRE = CR + CSS$$

Where

CR = \$0.0060 per kWh/\$3.00 per 500 kWh block, the cost of procuring Renewable Energy derived from Renewable Energy Certificates ("RECs"). A REC is a tradable instrument that is equal to one megawatt hour of electricity or equivalent energy supplied by a renewable energy facility.

And

CSS = \$0.0047 per kWh/\$2.35 per 500 kWh block, the cost of Support Services. "Support Services", includes but is not limited to customer enrollment, customer service center support, reporting functions, marketing and customer education.

Customers participating under Option A may terminate service under this Rider by notifying the Company with at least thirty (30) days prior notice.

Option B

Charges for service under option B of this Tariff will be set forth in the written agreement between the Company and the Customer and will reflect a combination of the firm service rates otherwise available to the Customer and the cost of RECs or the renewable energy resource being directly contracted for by the Customer.

Under Option B, the term of the agreement will be determined in the written agreement between the Company and the Customer.

SPECIAL TERMS AND CONDITIONS

This Rider is subject to the Company's Standard Terms and Conditions of Service and all provisions of the rate schedule under which the customer takes service, including all payment provisions. The Company may deny or terminate service under this Rider to customers who are delinquent in payment to the Company.