

**P.U.C.O. No. 8**



**SCHEDULE OF RATES  
FOR  
ELECTRIC SERVICE**

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**DEFINITION OF TERRITORY**

**COMPANY'S TERRITORY:**

The term "Company's Territory" shall be deemed to mean and include the territory served by the Company's distribution system in Defiance, Fulton, Henry, Lucas, Ottawa, Putnam, Sandusky, Seneca, Williams and Wood Counties.

Further information concerning specific cities and townships can be found at the PUCO website:  
<http://www.puc.state.oh.us/pucogis/newcntymaps/elcnty.html>

**ELECTRIC SERVICE REGULATIONS**

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## ELECTRIC SERVICE REGULATIONS

### I. GENERAL PROVISIONS

- A. **Filing:** The Schedule of Rates and the Electric Service Regulations for the supply of electric service throughout the territory served by the Company are filed with The Public Utilities Commission of Ohio ("PUCO" or "Commission").
- B. **Revisions:** The Company's Schedule of Rates and the Electric Service Regulations as herein contained may be terminated, amended, supplemented or otherwise changed from time to time in accordance with law and the rules promulgated thereunder by The Public Utilities Commission of Ohio.
- C. **Applicability:** These Electric Service Regulations, together with the provisions of the applicable rate schedule, are a part of every service contract entered into by the Company.

### II. APPLICATIONS AND CONTRACTS

- A. **Service Application:** For each class of service requested by a customer, before such service is supplied by the Company, an accepted application from the customer or other form of contract between the Company and the customer will be required. This requirement shall apply to new installations, to installations where service is to be re-established, to a change in the class of service to be provided to the customer, or to a change in the identity of the customer to be served.
- B. **Acceptance Of Application:** When the application for service is accepted by the Company or service is supplied according to the provisions of the application, the application constitutes a service contract between the Company and the customer for the supply of electric service subject to these Electric Service Regulations.
- C. **Service Contract:** The service contract shall constitute the entire agreement between the customer and the Company and no promise, agreement, or representation of any agent, representative or employee of the Company shall be binding upon it unless the same shall be incorporated in the service contract.
- D. **Refusal Of Application:** The Company may refuse to provide electric service, consistent with Ohio law, including without limitation, for those reasons specified in Chapters 4901:1-10 and 4901:1-18 of the Ohio Administrative Code. Specifically among these reasons, the Company may refuse to furnish electricity to a customer's premises on account of arrearages due it for electricity furnished to persons or entities formerly receiving services at the same premises as customers of the Company, provided the former customers are continuing to reside or do business at such premises.
- E. **Same Day Connection:** If the customer requests service for the same day on which the request has been made and the service is presently not connected, the Company will charge the customer pursuant to the Company's Tariff Sheet 75, Miscellaneous Charges, Same Day Connection Charge. This fee may be charged at the time of the request or charged with the customer's next monthly billing, at the Company's discretion, and only if the Company provides the service on the date requested. (The Same Day Connection Charge does not apply to requests for reconnection after nonpayment which are governed by Electric Service Regulations, Sheet 4, Section XI, Paragraph D.)

### **ELECTRIC SERVICE REGULATIONS**

- F. Seasonal Or Temporary Discontinuance Of Service:** When service has been disconnected at the customer's request because of seasonal occupancy of the premises or when the same customer has moved in and out of the same premise within a 12 month period without another party signing for service during that 12 month period, the Company will charge the customer pursuant to the Company's Tariff Sheet 75, Miscellaneous Charges, Reconnection Charge, to reconnect the service.
- G. Large Capacity Arrangements:** Existing customers who seek to substantially increase (by at least 1,000 kW) their existing capacity requirements and new customers who seek to purchase substantial capacity (at least 1,000 kW) from the Company shall negotiate agreements with the Company containing equitable arrangements both as to the term of the contract and other terms and conditions requiring special consideration, in recognition that serving such increases in capacity may require changes in area facilities or rearrangement of facilities owned by the Company and/or the customer. These arrangements may be subject to the approval of The Public Utilities Commission of Ohio.

### **III. CREDITWORTHINESS AND DEPOSITS**

- A. Establishment Of Creditworthiness:** Applicants are required to establish creditworthiness, which may include providing a cash deposit, as a condition to furnishing or continuing to furnish service.
- B. Deposits:** For those applicants making a cash deposit to establish creditworthiness, interest will be paid on the deposit as prescribed by Chapter 4901:1-17 of the Ohio Administrative Code. Deposits plus accrued interest will be returned to the customer in accordance with the provisions of the Ohio Administrative Code.

### **IV. CHARACTERISTICS OF SERVICE**

- A. Type:** Except as otherwise provided in the Company tariffs, electric service supplied by the Company will be 60-Hz alternating current delivered at the standard voltages available adjacent to the premises where the customer is located.
- B. Continuity:** The Company will endeavor, but does not guarantee, to furnish a continuous supply of electric energy and to maintain voltage and frequency within reasonable limits. The Company shall not be liable for damages which the customer may sustain due to variations in service characteristics or phase reversals.

The standard secondary voltages are 120/240 volt three wire single phase, 208Y/120 volt four wire three phase and 480Y/277 volt four wire three phase. The Company designs its system so that under normal operating conditions the sustained service voltage is within a range of plus or minus 5% of the normal voltage level for that service. Whenever voltages shall be known to exist outside of such ranges, the Company will take steps to promptly initiate corrective action to restore the sustained voltage level within said ranges.

For primary voltage services, the Company provides standard three phase distribution, subtransmission, and transmission voltages that are available from existing facilities. The Company designs its system so that under normal operating conditions the sustained service voltage is within a range of plus or minus 10% of the normal voltage level for that service. If the voltage is unsatisfactory for particular customer applications or for special apparatus requiring close regulation, then the customer shall install regulative apparatus at the customer's own expense.

### **ELECTRIC SERVICE REGULATIONS**

**C. Delivery Voltage:** Subject to the provisions of paragraph IV.B above, and after the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served, the types of service available with the nominal voltages are:

1. **Secondary Service** - Less than or equal to 600 volts
2. **Subtransmission Service** - 23,000 volts three wire and 34,500 volts three wire
3. **Transmission Service** - Greater than or equal to 69,000 volts
4. **Primary Service** - All other available voltages

Delivery voltage will be specified by the Company and will be based upon the availability of lines in the vicinity of the customer's premises and commensurate with the size of the customer's load. Customers with demands in excess of twenty-five hundred (2,500) kW will generally be served at Transmission Service.

### **V. RATE SCHEDULE ALTERNATIVES**

- A. Selecting Rate Schedule:** Where two or more alternative rate schedules are applicable to the same class of service, the Company, upon request, will assist a customer in selecting an appropriate rate schedule to be applied. The customer, however, shall select from the alternative rate schedules and such selection shall be the basis for the application or contract for service. No refund will be made representing the difference in charges under different rate schedules applicable to the same class of service except as required by law.
- B. Changing Rate Schedule:** Subject to limitations in the service contract or applicable rate schedule, the customer may change to an alternative applicable rate schedule, except that a customer contracting for a specified capacity served at available primary or transmission voltage shall not be eligible to recontract for service at secondary voltage, unless a secondary voltage circuit of adequate capacity is available adjacent to the premises and the customer complies with all of the provisions of the applicable secondary rate schedule.

### **VI. BILLING AND PAYMENT**

- A. Billing Periods:** Bills for electric service will be rendered monthly or at the Company's option at other regular intervals. Bills rendered monthly shall typically cover a period of approximately 30 days.
- B. Due Dates:** For residential customers, bills are due and payable to the Company on or before fourteen (14) days from the date the bill is mailed to said customer. Governmental customers' bills are due and payable to the Company on or before thirty (30) days from the date the bill is mailed to said customer. All other customers' bills are due and payable to the Company on or before twenty-one (21) days from the date the bill is mailed to said customer. When the due date for payment falls on Saturday, Sunday or a holiday the due date for payment is extended to the next business day. Remittances mailed by the customer for the amount(s) due shall be accepted by the Company as tendered within the period to avoid late payment charges if such payment is received by the Company no more than five (5) days after the due date of the bill.



### **ELECTRIC SERVICE REGULATIONS**

- C. Late Payment Charges:** If remittances mailed by the customer are received by the Company offices more than five (5) days after the due date of the bill, an additional amount equal to 1.5% may be charged on any unpaid balance existing after the due date. This provision is not applicable to unpaid account balances of customers enrolled on income payment plans pursuant to 4901:1-18 of the Ohio Administrative Code.
- D. Transfer Of Final Bill:** If the customer fails to pay in full of any final bill for service rendered by the Company at one location, and if the customer is receiving Like Service at a second Company location, the Company may transfer such unpaid balance of the final bill to the service account for such second location. "Like Service" refers to an end use within the broad categories of residential, commercial or industrial service, without regard to whether the customer is receiving generation service from the Company. Such transferred amount shall maintain its original due date at such second location and be subject to collection and disconnection action in accordance with Ohio law, which includes without limitation Chapter 4901:1-18 of the Ohio Administrative Code.
- E. Meter Readings Not To Be Combined:** Even if used by the same person, firm or corporation, electricity delivered and metered separately or at different locations will not be combined for bill calculation purposes, except that under the following conditions meter registrations of two or more installations on the same premises may be combined for billing purposes:
1. Where the applicable schedule of rates specifically authorizes the combination of meter registrations, or
  2. Where the Company elects, for administrative reasons or engineering reasons affecting the supply of its service, to install or maintain at one or more locations on one premises two or more service connections with separate metering equipment for furnishing service at the same or different voltage levels or number of phases.
- F. Equal Payment Plan:** The Company has available for residential customers a plan providing for equal monthly payments for electric service. The equal payment plan amount will be reviewed quarterly and will be adjusted if the customer's recent bills indicate a significant change from past history.
- G. Estimated Bills:** The Company attempts to read meters on a regular basis but there are occasions when it is impractical or impossible to do so. In such instances the Company will render an estimated bill based upon past use of service. Where the customer has a load meter and the actual load reading when obtained is less than the estimated load used in billing, the account will be recalculated using the actual load reading.
- H. Returned Payment:** When the Company reverses the customer's payment because the payment transaction has been dishonored, the Company shall charge the customer pursuant to the Company's Tariff Sheet 75, Miscellaneous Charges, Returned Payment Charge. This charge shall be rendered with the customer's next monthly billing.
- I. Rate Pricing Changes:**
1. **Seasonal Price Changes:** For billing purposes, unless otherwise specified, the winter rates shall be applicable beginning with service rendered September 1 through service rendered for May 31. The summer rates, unless otherwise specified, shall apply in all other billing periods.
  2. **Non-Seasonal Price Changes:** For billing purposes, non-seasonal price changes will begin with service rendered on the effective date of the price change.

## ELECTRIC SERVICE REGULATIONS

### VII. SERVICE CONNECTIONS AND LINE EXTENSIONS

#### A. Secondary Voltage Service Connection

- 1. Overhead Connection:** Where overhead distribution facilities are available, the Company will install a suitable overhead service drop to a point of attachment on the customer's premises as designated by the Company.
- 2. Underground General Service Network Connection:** Where underground distribution facilities are available in commercial areas where network service is available, the Company will install underground service connections from its mains to a point, as designated by the Company, located immediately inside the customer's building wall except where, because of the distance between the customer's building and the Company's mains, an equitable arrangement for prorating the cost of installing these facilities may be required. Where underground service cable and conduit are required within the building to reach a customer's service terminals, the customer will be required to pay the cost of these facilities. Such underground service connection facilities paid for by the customer shall be owned by the customer and maintained at the customer's expense and, when required, replaced by the customer.

Customers requiring underground service from overhead or underground distribution facilities shall at their own expense install and maintain the underground facilities in accordance with the Company's specifications from the meter location on the customer's premises to the Company's distribution wires to which connections are to be made by the Company. The customer shall own such underground facilities and maintain and replace such facilities when required.

- 3. Change In Service Connection Facilities:** Should any change in the Company's service connection facilities be necessary due to the erection of, remodeling of or change in any structure on the premises of the customer, or due to any ordinance or any other cause beyond the Company's control, the entire cost of the change in the service connection facilities shall be borne by the customer.
- 4. Temporary Service Drop Connection:** When requested by a customer, the Company may provide a Temporary Service Drop Connection. A Temporary Service Drop Connection shall mean the installation of single-phase service up to 200 amps from existing secondary conductors. The charge for a Temporary Service Drop Connection shall be that set forth in the Company's Tariff Sheet 75, Miscellaneous Charges, Temporary Service Drop Connection.
- 5. Temporary Facilities:** Temporary Facilities are any separate installation that the Company does not expect to be permanent or where a substantial risk exists that the Company's facilities will be used and useful for a period substantially shorter than their normal expected life, or in which the customer or consumer has no substantial permanent investment. When Temporary Facilities are required for any purpose, the applicant shall deposit with the Company the total estimated cost of construction, plus the total estimated cost of removal, minus the estimated salvage value of all equipment and materials. The amount of the deposit shall be adjusted by a refund or an additional payment when the cost of construction and removal, less the salvage value is determined. No interest will be paid on deposits covering the cost of constructing facilities for temporary electric service. (Temporary facilities shall not include Temporary Service Drop Connections as defined in paragraph 4 above).

## **ELECTRIC SERVICE REGULATIONS**

### **B. Line Extensions**

#### **1. Definitions:**

Contribution in aid of construction - any amount of money or property contributed to the Company to the extent that the purpose of the contribution is to provide for Line Extensions for new or expanded customer loads.

Cost estimate - the detailed projected expenditure, including material costs and overhead, equipment costs and overhead, labor costs and overhead, and all taxes associated with each major material and service component, required for a Line Extension.

General service installation - any Line Extension request by a commercial or industrial customer, builder, or developer, or any other Line Extension that is not a Residential installation. Customers in a development may be required to have their own General service Installation in order to be connected to the Company's distribution system.

Line Extension - the provision of facilities (including, but not limited to, poles, fixtures, wires and appurtenances) necessary for delivering electrical energy from the point where a Line Extension connects with and receives energy from any existing transmission or distribution equipment (the nearest practical point to the customer(s) to be served by the Line Extension at which the appropriate voltage level is available) to one of a customers points of delivery.

Multi-family installation - any Line Extension to a new residential dwelling that will have two or more dwelling units, where each unit has a separate account for electric service with the Company.

Non-standard multi-family installation - any Line Extension to a new residential dwelling that will have two or more dwelling units, where each unit has a separate account for electric service with the Company where the Company's cost to build the Line Extension is greater than \$2,500, excluding any Premium installation cost.

Non-standard single family installation - any Line Extension to a new home (or home site) with one account for electric service with the Company where the Company's cost to build the Line Extension is greater than \$5,000, excluding any Premium installation cost.

Premium installation - any Line Extension that is in excess of the standard construction and requirements necessary to provide electric service to the customer, including, but not limited to, customer-requested oversizing of facilities, underground construction, Residential Installations exceeding 200 amps and three phase Residential installations.

Premium installation cost - the sum of the Company's cost to provide Premium installation minus the sum of the Company's cost of the standard construction and requirements necessary to provide electric service to the customer.

Residential installation - a Standard single family installation, a Non-standard single family installation, a Standard multi-family installation or a Non-standard multi-family installation for a single phase Line Extension.

Standard multi-family installation - any Line Extension to a new residential dwelling that will have two or more dwelling units, where each unit has a separate account for electric service with the Company where the Company's cost to build the Line Extension is less than or equal to \$2,500 excluding any Premium installation cost.

## **ELECTRIC SERVICE REGULATIONS**

Standard single family installation - any Line Extension to a new home (or home site) with one account for electric service with the Company where the Company's cost to build the Line Extension is less than or equal to \$5,000, excluding any Premium installation cost.

### **2. Terms And Conditions:**

#### Residential installations:

a. Non-standard single family installation:

The customer shall make arrangements with the Company for the payment to the Company of the Company's cost to build the Non-standard single family installation that exceeds \$5,000, excluding any Premium installation cost. The individual homeowner (non-developer) has the option of paying such costs based on the rate of return approved in the Company's then most recent distribution rate case, plus carrying costs, on a prorated monthly basis for up to fifty months.

b. Non-standard multi-family installation:

The customer shall make arrangements with the Company for the payment to the Company of the Company's cost to build the Non-standard multi-family installation that exceeds \$2,500, excluding any Premium installation cost.

#### General service installations:

A customer requesting a General service installation shall make an up-front payment to the Company equal to 40% of the Company's estimated cost for construction of the Line Extension, plus any and all Premium installation cost.

#### Premium installation:

For any Premium Installation the customer shall make an up-front payment to the Company equal to the estimated Premium installation cost for the project.

#### Future customers:

A customer may be entitled to a refund of a portion of the amounts such customer paid for a Line Extension, other than for Premium Installation. Any amounts refunded shall be paid in accordance with the following:

If a new customer ("Customer 2"), utilizes, within fifty months of the completion of a Line Extension project, all or part of the Line Extension facilities for which contribution in aid of construction ("CIAC") has been paid by a previous customer (the "Original customer"), then the Original customer who paid the CIAC may be entitled to a refund which represents a pro rata portion of the original CIAC, calculated to equitably share the CIAC responsibility for the Line Extension facilities used in service by both Customer 2 and the Original customer. If any new additional customer ("Customer 3"), utilizes, within fifty months of the completion of the Line Extension project, all or part of the Line Extension facilities for which CIAC has been paid by the Original customer and Customer 2, then Customer 2 who paid an equitable portion of the CIAC may also be entitled to a refund.

### **ELECTRIC SERVICE REGULATIONS**

- 3. Line Extensions On Private Property:** Customers that require Line Extensions to be constructed on their private property shall in all cases provide, without cost to the Company, land clearance, trenching and backfilling (including excavation for and installation of vaults), and an easement for right-of-way in a form acceptable to the Company before the Company's construction is started. The expectation that property will be dedicated to the public use at the conclusion of construction shall not preclude such property from being deemed the customer's private property for purposes of this subsection 3. All Line Extensions shall be the property of and shall be operated and maintained by the Company. The Company shall have the right to use such Line Extension in furnishing service to any applicant located adjacent to such Line Extension and the further right to construct other extensions from the distribution facilities so constructed. Except as provided herein, no customer or third party installation of Line Extension facilities will be permitted on private property or public right-of-way.
- 4. Relocation For Residential, Commercial Or Industrial Customer:** A change in location of an overhead or underground service for the customer's convenience shall be made at the customer's expense.
- 5. Relocation For Highway, Street Or Public Works Project:** A change in location of an overhead or underground service to provide space necessary for highway, street, or public works projects shall be made in accordance with the contractual agreement with the government entity involved.
- 6. Other Items:**
  - a. The Company shall not be required to begin any construction on any Line Extension until all required applications have been made by the customer, developer, or builder, as applicable.
  - b. The Company shall not be required to install Line Extensions using rear lot line construction. The Company may elect, however, to use rear lot line construction at no additional cost to the customer.
  - c. Line Extension cost estimates should not include costs normally incurred by the utility to maintain, protect, or upgrade its distribution system. Nor should system improvements required for the general distribution system that serves multiple customers, which are driven by the customer's load addition, be factored into the Line Extension calculations.

### **VIII. USE OF SERVICE**

- A. Increased Loads:** The customer shall notify the Company of any significant additions or modifications to the customer's facilities that will affect the customer's load characteristics so that the Company may provide facilities sufficient to maintain adequate service.
- B. Individual Customer Metering:** Service will be supplied under the appropriate rate schedule, to each separate dwelling (single or part of a multiple unit), apartment, farm, commercial or industrial establishment as one customer through one meter or one unified set of meters for each class of service.

**ELECTRIC SERVICE REGULATIONS**

**C. Resale:**

1. Electric service is provided for the sole use of the customer, who shall not sell any of such service to any other person, or permit any other person to use the same, without the written consent of the Company.
2. The above provision does not apply to service provided to a landlord for resale or redistribution to tenants where such resale or redistribution takes place only upon property owned by the landlord and where the landlord is not otherwise operating as a public utility.

**D. Parallel Operation:** The Company shall provide service in parallel with a customer's generating facilities if the customer has adequate protective and regulating equipment and has sufficient trained personnel to perform the necessary operations, and further, at the Company's option, if the customer provides direct telephone connection with the offices of the Company's load dispatcher. Net Energy Metering Rider customers shall not be required to install a telephone line. The Company will not furnish service in parallel with a customer's generating facilities when, in the opinion of the Company, such parallel operation may create a hazard or disturb, impair or interfere with the Company's service to other customers.

**E. Regulation Of Power Factor:** The Company may require the customer to maintain a power factor in the range of 85% to 100% for secondary, primary and subtransmission service and 90% to 100% for transmission service, coincident with the customer's maximum monthly peak demand and to provide, at the customer's expense, any corrective equipment necessary in order to do so. The Company may inspect the customer's installed equipment and/or place instruments on the premises of the customer in order to determine compliance with this requirement, as deemed appropriate by the Company. The Company may charge the customer the Company's installation cost incurred for corrective devices necessary for compliance with this provision. The Company is under no obligation to serve, or to continue to serve, a customer who does not maintain a power factor consistent with the parameters set forth in this provision.

**F. Unbalanced Loads:** The customer shall not use three phase electric service in such a manner as to impose an unreasonable unbalance between phases.

**G. Interference:** The Company reserves the right to discontinue service to any customer if the service is used in a manner that disturbs or impairs the operation of the Company's system, or interferes with the service to other customers. When such interference occurs due to the use of any apparatus installed upon a customer's premises, the customer must either remove said apparatus, or provide the equipment necessary to alleviate such interference. The Company may discontinue service until such adverse conditions are alleviated.

## ELECTRIC SERVICE REGULATIONS

### IX. METERS, TRANSFORMERS AND SPECIAL FACILITIES

- A. Installation:** The Company will furnish and maintain one meter or one unified set of meters and metering equipment capable of producing data necessary to bill the customer under Company tariffs. Service will normally be metered at the Company's supply voltage. The customer shall provide, at no cost to the Company and close to the point of service entrance, suitable space for the installation of meters, transformers, protective equipment, and other equipment required by the Company. Meters, transformers, protective equipment, and other equipment required by the Company shall be placed at locations in accordance with Company standards. In cases where service is metered at primary voltage, transformers, when furnished by the Company, shall be located adjacent to the terminus of the Company's supply facilities. Additional or special transformers required by the customer for the customer's convenience shall be furnished and maintained by the customer at the customer's expense. Any metering equipment required by the customer to accommodate requirements of a Certified Supplier, as defined in Section XII, will be installed, owned and maintained by the Company and paid for by the customer.

When a transformer vault is necessary, said vault shall be furnished and maintained consistent with the Company's standards, by the customer at the customer's expense.

- B. Equipment Ownership:** Unless otherwise agreed between the Company and the customer, all equipment furnished by the Company shall remain its exclusive property and the Company shall have the right to remove the same after termination of service for any reason whatsoever.
- C. Meter Testing:** The Company tests its meters for accuracy and mutual protection consistent with Chapter 4901:1-10 of the Ohio Administrative Code.

In addition, the Company will test a meter at the request of the customer. If the accuracy of the meter is found to be within the tolerances specified in Chapter 4901:1-10 of the Ohio Administrative Code, the Company may charge the customer a meter test fee as provided in the Company's Tariff Sheet 75, Miscellaneous Charges, Meter Test Charge, except that the customer shall not be charged for the first test at the customer's request within the period specified in Chapter 4901:1-10 of the Ohio Administrative Code.

- D. Meter Failure:** If it is determined that a meter fails for any reason to operate correctly, the customer shall pay, for the service furnished during the period in which the meter was not properly operating an estimated amount based upon: (1) the results of a test, or (2) energy usage during a comparable period, or (3) a combination of both of these methods. For residential customers, the estimated amount determined by the Company shall be billed consistent with Chapter 4933.28 of the Ohio Revised Code. For non-residential customers the estimated amount determined by the Company shall be billed consistent with Chapter 4901:1-10 of the Ohio Administrative Code.
- E. Customer Responsibility:** The customer shall permit only Company employees, other authorized agents of the Company, or other persons authorized by law, to inspect, test or remove Company equipment located on the customer's premises. If this equipment is damaged or destroyed due to the negligence of the customer, the cost of repairs or replacement shall be payable by the customer.

### **ELECTRIC SERVICE REGULATIONS**

- F. Special Facilities:** All costs (including, without limitation, any government imposed fees) for any special services, facilities, or instrumentation which may be rendered or furnished by the Company for a customer at the customer's request or at the direction of any governmental authority, and not provided for in the Company's rate schedules and not ordinarily necessary or directly involved in the furnishing of electric service, shall be paid for by the customer for whom such services, facilities, or instrumentation are furnished, by the customers residing within the boundaries of the governmental entity for whom such services, facilities, or instrumentation are furnished. Any such costs shall be in addition to the charges for electric service provided for in the applicable rate schedule, and may be itemized on the electric bill to such customer(s) or billed separately by the Company. Upon request by the customer and in the sole discretion of the Company, such special services, facilities, or instrumentation may be supplied and maintained by the customer at the customer's expense.
- G. Access To Premises:** The customer or, if applicable, the landlord, shall grant Company's employees and authorized agents access to the customer's premises at all reasonable hours for the purpose of reading, inspecting, testing, repairing, maintaining, replacing, installing, analyzing or removing meters or other Company property. In the event of an emergency, the Company's employees and authorized agents shall have access to customer's premises at any time.

If a customer or a landlord fails to grant access for reasons described above, and judicial redress is necessary to secure such access, the Company may collect from the customer or the landlord any and all costs incurred to secure such access.

### **X. CUSTOMER'S WIRING, EQUIPMENT AND SPECIAL SERVICES**

- A. Installation:** The customer shall supply all wiring on the customer's side of the point of attachment as designated by the Company. All of the customer's wiring and electrical equipment should be installed so as to provide not only for immediate needs but for reasonable future requirements and shall be installed and maintained by the customer to meet the provisions of the National Electrical Code, the regulations of the governmental authorities having jurisdiction over such installations and the reasonable requirements of the Company. As required by Chapter 4901:1-10 of the Ohio Administrative Code, before the Company connects service for any new installations, such installation must be inspected and approved by the local inspection authority or, when there is no local inspection authority, by a licensed electrician. An inspection is also necessary for any changes in wiring on the customer's premises.
- B. Limitation Of Liability:** The Company shall not be liable for any loss, cost, damage or expense that the customer may sustain by reason of damage to or destruction of any property, including the loss of use thereof arising out of, or in any manner connected with interruptions in service, variations in service characteristics, high or low voltage, phase failure, phase reversal, the use of electrical appliances or the presence of the Company's property on the customer's premises whether such damages are caused by or involve any fault or failure of the Company or otherwise except such damages that are caused by or due to the willful and wanton misconduct of the Company. The Company shall not be liable for damage to any customer or to third persons resulting from the use of the service on the customer's premises or from the presence of the Company's appliances or equipment on the customer's premises.

The PUCO approval of the above tariff language does not constitute a determination that such limitation language should be upheld in a court of law. Approval by the Commission merely recognizes that since it is a court's responsibility to adjudicate consequent damage claims, it should be also the court's responsibility to determine the validity of the exculpatory clause.



### **ELECTRIC SERVICE REGULATIONS**

Any customer desiring protection against interruptions in service, variations in service characteristics, high or low voltage, phase failure, phase reversal, the use of electrical appliances or the presence of the Company's property on the customer's premises, shall furnish, at the customer's expense, any equipment desired by the customer for such purpose. Interruptions in service shall not relieve the customer from any charges provided in the rate schedule.

- C. Special Customer Services:** The Company may furnish customers special customer services as identified in this section. No such special customer service shall be provided except where the Company has informed the customer that such service is available from and may be obtained from other suppliers. A customer's decision to receive or not receive special customer services from the Company will not influence the delivery of competitive or non-competitive retail electric service to that customer by the Company. Such special customer services shall be provided at a rate negotiated with the customer, but in no case at less than the Company's fully allocated cost. Such special customer services shall only be provided when their provision does not unduly interfere with the Company's ability to supply electric service under the Schedule of Rates and Electric Service Regulations.

Such special customer services include: design and construction of customer substations; resolving power quality problems on customer equipment; providing training programs for construction, operation and maintenance of electrical facilities; performing customer equipment maintenance, repair or installation; providing service entrance cable repair; providing restorative temporary underground service; providing upgrades or increases to an existing service connection at customer request; performing outage or voltage problem assessment; disconnecting a customer owned transformer at customer request; loosening and refastening customer owned equipment; determining the location of underground cables on customer premises; disconnecting or reconnecting an underground pedestal at customer request; covering up lines for protection at customer request; making a generator available to customer during construction to avoid outage; providing pole-hold for customer to perform some activity; opening a transformer at customer request for customer to install an underground elbow; providing a "service saver" device to provide temporary service during an outage; resetting a customer-owned reclosure device; providing phase rotation of customer equipment at customer request; conducting an evaluation at customer request to ensure that customer equipment meets standards; or upgrading the customer to three phase service.

### **XI. COLLECTION OF PAST DUE BILLS AND DISCONNECTION OF SERVICE**

- A. Procedures:** The Company's procedures for collecting past due bills and disconnecting service are set forth in the Ohio Administrative Code, except as permitted by the Order in Case No. 02-1944-EL-CSS.
- B. Field Collection:** When a customer has a delinquent bill, as defined in Chapter 4901:1-18 of the Ohio Administrative Code, the Company may make a field collection visit to attempt to collect the delinquent amount.

Whenever a field collection visit is made by a Company employee or authorized agent of the Company, the Field Collection Charge included in the Company's Tariff Sheet 75, Miscellaneous Charges, shall either be collected during the field collection visits, or assessed on the customer's next bill. Such Field Collection Charges shall be limited to once per billing cycle.

### **ELECTRIC SERVICE REGULATIONS**

- C. Disconnection Of Service:** Employees or authorized agents of the Company who actually perform the disconnection of service at the meter shall be authorized to accept payment in lieu of disconnection. If payment is made prior to disconnection, service that otherwise would have been disconnected shall remain connected. Any such payment shall include a Field Collection Charge consistent with Field Collection procedures described above. In the event that the Company employee or authorized agent is unable to gain access or is denied access to the meter and it becomes necessary to disconnect service at the pole, the employee or authorized agent disconnecting service shall not accept payment in lieu of disconnection.
- D. Reconnection:** When service has been disconnected pursuant to any of these Electric Service Regulations, a charge for reconnection pursuant to the Company's Tariff Sheet 75, Miscellaneous Charges, Reconnection Charge, will be required.
- E. Unauthorized Use Of Service:** In the event of fraudulent practice, tampering, or theft of service by the customer, consumer or other person, the Company will comply with the provisions of Chapters 4901:1-10 and 4901:1-18 of the Ohio Administrative Code. In these instances, the Company will assess a charge pursuant to the Company's Tariff Sheet 75, Miscellaneous Charges, Unauthorized Use Investigation Charge.

### **XII. CERTIFIED SUPPLIERS - CHANGE OF SUPPLIER**

Certified Supplier shall mean all of the entities set forth in Ohio Revised Code, Section 4928.08(A) and (B) which have received certification from the Public Utilities Commission of Ohio under Ohio Revised Code, Section 4928.08 and have otherwise complied with the requirements set forth in the Company's Supplier Tariff. The Company shall change the customer's Certified Supplier only upon receipt of notice instructing such change with respect to the individual customer from a Certified Supplier.

Such notice to the Company will be as provided in the Supplier Tariff and customer instructions that the Certified Supplier is designated to provide services for a minimum time period of one month.

The Company shall develop, update, and maintain a list of Certified Suppliers that offer electric service within the Company's service territory and shall publish such list on the Company's website. All applicants for new service, customers returning from a Certified Supplier and any customer upon request will be directed to the location of this list on the Company's website.

The timing of the change of a customer to a different Certified Supplier shall occur only at the end of a customer's billing month based on and determined by the Company's meter reading schedule.

A customer may have only one Certified Supplier per account for any billing month. A customer may not split non-interruptible generation supply between two Certified Suppliers or between the Company's standard-offer service and service by a Certified Supplier during a billing month.

Except in the event of the default of the customer's Certified Supplier, the Company shall not be obligated to process a change of the customer's selected Certified Supplier more frequently than once every billing month. For purposes of these Electric Service Regulations, default by a Certified Supplier shall mean a failure to deliver services as defined in the Ohio Revised Code, Section 4928.14(C)(1) through (4).

### **XIII. RETURN TO STANDARD OFFER SUPPLY**

- A.** If a customer that has been receiving service from a Certified Supplier subsequently seeks to have the Company resume providing generation service, the Company will provide service at standard offer rates provided that sufficient notice of such return has been provided to the Company.

### **ELECTRIC SERVICE REGULATIONS**

- B.** This provision applies to Residential and Small Commercial customers. This provision also applies to Large Commercial and Industrial customers during the Market Development Period. Customers taking generation service from the Company during the period from May 16 through September 15, must remain a Full Service customer of the Company through April 15 of the following year before they may elect to switch to a Certified Supplier, provided that:
1. Customers may switch to a Certified Supplier at any time if they have not previously switched.
  2. Following the stay-out period through April 15, customers may switch to a Certified Supplier but must exercise the right to switch by May 15 of that same year.
  3. During the first year of the Market Development Period Non-aggregated residential customers and small commercial customers will be permitted to return to standard offer service without being subject to a minimum stay of receiving Full Service from the Company. (A Full Service customer is one that receives all retail electric services from the Company.)
  4. Residential and Small Commercial customers can elect to take service on the Generation Rate Adjustment Rider without application of the minimum stay requirement This Rider, not yet in effect, will be filed in accordance with Commission Rules prior to March 15, 2001.
  5. By March 15, 2002, and again by April 15, 2002, and thereafter before each March 15 and April 15 during the Market Development Period, the Company will provide notice to Residential customers informing them of their rights to choose another supplier by May 15 and the consequences of not choosing another supplier and staying on their standard service offer.
- C.** After the Market Development Period, Large Commercial and Industrial customers seeking to return to Company generation service must by written contract agree to remain a Full Service customer of the Company for such service for a period of not less than 12 consecutive months, unless the rate schedule under which that customer will be served requires a longer service period, which longer service period would then apply. A Full Service customer is one that receives all retail electric Services from the Company.
- D.** For all customers, return to Company generation service may only occur on regularly scheduled meter reading dates, unless otherwise agreed by the Company. In the event of default of a Certified Supplier, this provision shall not apply.
- E.** The notice period for return to Company generation service at standard offer rates is dependent upon size of the customer's load, as follows:
1. For residential customers served individually, and not through aggregators, municipal aggregators, power marketers or power brokers, there shall be no notice requirement for return to Company service.
  2. For customers not qualifying under subsection 1., that have either (i) billing demands totaling not more than 1,000 kW in the any of the twelve billing months prior to notice, or (ii) monthly kilowatt-hour consumption of no more than 250,000 kilowatt-hours in any of the twelve billing months prior to notice, if the customer seeks to return to Company generation service the customer or the customer's aggregator, municipal aggregator, power marketer or power broker must provide at least one month's advance written notice to the Company of the customer's intent to return. Such notice shall constitute the customer's agreement to remain a Full Service customer as specified in Section XIV. B. above.

### **ELECTRIC SERVICE REGULATIONS**

3. For those customers not qualifying under subsection 1. or 2., that have either (i) billing demands totaling not more than 10,000 kW in any of the twelve billing months prior to notice, or (ii) monthly kilowatt-hour consumption of no more than 2,500,000 kilowatt-hours in any of the twelve billing months prior to notice, the customer shall provide at least three months advance written notification of the customer's intent to return. Such notice shall constitute the customer's agreement to remain a Full Service customer as specified in Section XIV. B. above.
4. For those customers not qualifying under subsections 1., 2. or 3., the notice period shall be six months. Such notice shall constitute the customer's agreement to remain a Full Service customer as specified in Section XIV. B. above.
5. A customer may not return to Company interruptible generation service without agreement of the Company.

Such notice period shall begin on a customer's next scheduled meter reading date following the delivery to the Company of such notice. If such notice has not been timely provided the standard offer shall require that the Company shall provide such generation service at the higher of (i) applicable rate schedule rates or (ii) hourly spot market prices.

- F.** Customers returning to Company generation service as a result of either Certified Supplier Non-Compliance or default on the part of the customer's Certified Supplier are not subject to the notice provisions of Subsection D. of this Section XIV. Such customers are eligible for standard offer service after reasonable notice of the Certified Supplier's Non-Compliance or default per Revised Code Section 4928.14(C) or 4928.35(D). The Certified Supplier shall be liable to pay the Company any positive difference between the hourly spot market price for electricity and the Generation component of the Company's rates applicable to usage by such customers for a period beginning with the date of such Non-Compliance or default and with a duration equal to the applicable notice periods identified in sections E.2., E.3., and E.4. The Company may draw on the Certified Supplier's available financial instruments to fulfill such obligation. Any generation service rendered to such customers prior to a Commission determination of a Certified Supplier's failure to provide service under Revised Code Section 4928.14(C) shall be provided at hourly spot market prices as specified by the Company. Customers returning to Company generation service under this section will have thirty (30) calendar days to select another Certified Supplier. If a new Certified Supplier is not chosen within thirty (30) calendar days, , Section XIV Return to Standard Offer Supply, Paragraph B and C will apply to such customers.
- G.** Customers returning to Company generation service as a result of actions of a Certified Supplier, other than Certified Supplier Non-Compliance or the default of the Certified Supplier, shall return under the provisions of Subsection E of this Section XIV. In that event, the Certified Supplier shall be obligated to pay the Company any positive difference between the hourly spot market price for electricity and the Generation component of the Company's rates applicable to usage by such customers for a period beginning with such return and with a duration equal to the applicable notice periods identified in sections E.2., E.3. and E.4. Customers returning to company generation service under this section must remain a customer of Company generation service for twelve months, unless the rate schedule under which that customer is furnished service requires a longer service period, which longer service period would then apply
- H.** The Company may, at its sole discretion, waive any part of the notice period provided for return to Company generation service. Such waiver would be based upon the Company's expectation of the adequacy of the Company's generation reserve, the availability of supply from other resources, and the cost to supply such customers from either its resources or purchased resources.

## ELECTRIC SERVICE REGULATIONS

### **XIV. CERTIFIED SUPPLIERS - BILLING AND PAYMENT**

- A. Billing:** The Company will bill the customer directly for services provided by a Certified Supplier unless the Company receives electronic notice from such supplier that it will bill the customer directly for services provided by the Certified Supplier. If the Company bills the customer for the services provided by a Certified Supplier, the Company will collect the funds from the customer and remit the same to the Certified Supplier.

The Company shall not be liable for the Certified Supplier's default or failure to provide service to a customer, nor shall it be responsible for a customer's failure to pay for its services received from a Certified Supplier as a consequence of the Company performing this role.

- B. Payments To The Company:** Payments to the Company will be applied to the customer's account in accordance with the Ohio Administrative Code, except as permitted by the Order in Case No. 02-1944-EL-CSS.
- C. Disputes:** If the Company bills for services provided by the Certified Supplier, such bills will be based on the rates supplied to the Company by the Certified Supplier. The Company will have no responsibility to verify the appropriateness of such amounts, or to resolve any disputes or disagreements over the amount, timing or any other aspect of the billing or payment of charges, other than to confirm amounts billed to the customer, amounts received from the customer and amounts remitted to the Certified Supplier.
- D. Non-Payment Or Partial Payment:** Regardless of whether the Company bills customers for the services provided by the Certified Supplier, any failure by the customer to pay any and all charges due the Company in a timely manner shall be subject to any and all applicable provisions of these Electric Service Regulations, including, without limitation, collection, late fees, and termination of service.
- E. Late Payment Fees:** The Company may impose late payment fees on that portion of a customer's bill that pertains to services provided by the Company. Pursuant to the Order in Case No. 02-1944-EL-CSS, the Company may also charge late fees on past due amounts due and owing the Certified Supplier.
- F. Collection Activity:** Except as set forth in the Order in Case No. 02-1944-EL-CSS, the Company shall not be responsible for collection of amounts due from a customer to a Certified Supplier.

### **XV. CERTIFIED SUPPLIERS - CUSTOMER AGGREGATION**

Customers may be aggregated for purposes of purchasing services from a Certified Supplier. Aggregation of customers is not restricted by the number or class of customers within an aggregated group. Accordingly, any customer may be represented by an aggregator. However, an aggregator is not a customer of the Company by virtue of its position as an aggregator. Each customer that is a member of an aggregated group shall remain an individual customer of the Company for purposes of billing under each customer's applicable rate schedule. The consumption of individual members of an aggregated group shall not be combined for billing purposes. No charge of a tariffed service will be affected by a customer's aggregation status, and aggregation of load cannot be used for qualification under a tariff.

## ELECTRIC SERVICE REGULATIONS

### **XVI. EMERGENCY ELECTRICAL PROCEDURES**

#### **A. General**

Emergency electrical procedures are deemed necessary if there is a shortage in the electrical energy supply to meet the demands of the Company's customers. It is recognized that such deficiencies can be short term (up to a few days) or long term (a few days or more) in duration; and in view of the difference in nature between short and long term deficiencies, different and appropriate procedures should be adopted for each.

The systems of the Company and its electric utility affiliates are fully integrated and operated as a single electric system to the mutual advantage of the companies and their customers. Each company endeavors to operate and maintain its electric facilities in accordance with accepted utility practices and to maintain sufficient supplies of fuel for the normal operation of its generating facilities. Because of the method of operating the companies' systems, an emergency arising on the system of one of those companies may affect the system of the others. Should this occur, a company may from time to time be providing assistance to one or more of the others in order to continue to operate most effectively as a single electric system.

1. Procedures related to short-term capacity shortages shall, insofar as the situation permits, give special consideration to the following types of customers and such other customers or types of customers which the Commission may subsequently identify for the protection of the public's health and safety:
  - a. "Hospitals" and other institutions which provide medical care to patients and where surgical procedures are performed.
  - b. "Governmental detention institutions" which shall be limited to those facilities used for detention of persons.
  - c. "Police and fire stations" which shall be limited to publicly owned, attended facilities.
  - d. "Federal facilities" essential to national defense.
  - e. "Water pumping facilities" essential to the supply of potable water to a community.
  - f. "Radio, television and newspaper facilities" utilized for transmittal of emergency messages and public information relating to these procedures.
  - g. "Sewage treatment facilities" essential to the collection, treatment or disposal of a community's sewage.
  - h. "Life support equipment," such as a kidney machine or respirator, used to sustain the life of a person.
  - i. "Air terminal facilities" essential to the control of aircraft in flight.

Although these types of customers will be given special consideration in the application of the manual load shedding provisions of this procedure, the Company cannot assure that service to such customers will not be interrupted, and accordingly they should install emergency generation equipment if continuity of service is essential. In case of customers supplied from two Company sources, only one source will be given special consideration. Other customers who, in their opinion, have critical equipment should install emergency battery or auxiliary generating equipment.

### **ELECTRIC SERVICE REGULATIONS**

2. Procedures related to long-term capacity or fuel shortages shall, insofar as the situation permits, give special consideration to "priority uses of electricity", which shall mean the amount of electrical energy necessary for protection of the public's health and safety and to prevent unnecessary or avoidable damage to buildings and facilities, for the customers identified in Section (A)(1) and at:
  - a. Residences (homes, apartments, nursing homes, institutions and facilities for permanent residents or transients);
  - b. Electric power generating facilities, telephone central office and central heating plants serving the public;
  - c. Local, intrastate and interstate transportation facilities;
  - d. Production and refining or processing facilities for fuels;
  - e. Pipeline transmission and distribution facilities for fuels;
  - f. Production, processing, distribution and storage facilities for dairy products, meat, fish, poultry, eggs, produce, bread, livestock and poultry feed;
  - g. Buildings and facilities limited to uses protecting the physical plant and structure, appurtenances, product inventories, raw materials, livestock, and other personal or real property; and
  - h. Other similar uses as may be determined by the Commission.

The Company shall promptly advise the Commission of the nature, time and probable duration of all implemented emergency conditions and procedures which affect normal service to customers. The Commission may order the implementation of additional procedures or the termination of the procedures previously employed when circumstances so require.

In addition, each year before March 1, the Company will apprise the Commission of the state of electric supply in its service area.

As may be appropriate in accordance with the nature of the occurring anticipated emergency and of the Company's load and generating, transmission and distribution facilities, the Company shall initiate the following procedures:

#### **B. Short-Term Capacity Shortages:**

As may be appropriate in accordance with the nature of the occurring emergency, the Company shall initiate the following procedures:

1. Sudden or Unanticipated Short-Term Capacity Shortages.

In the event of a sudden decline of frequency on all or a portion of the Company's system caused by a significant imbalance of load and generation, whether such imbalance occurs in the Company's system or on another system:

- a. Automatic load shedding will take place if the decline in frequency is of the magnitude such as to jeopardize the entire affected area. Ten percent of the load in the affected area will be shed automatically at a frequency of 58.9 hertz. In the event such action does not restore the frequency to a proper level, manual load shedding will be employed. Service so interrupted shall be of selected distribution circuits and lines serving customers throughout the affected area. Such interruptions shall be, where practical, for short periods of time. When the frequency in the affected area recovers to 59.0 hertz or above any action necessary will be taken in the affected area to permit resynchronization to the main network. Such action may include additional manual load shedding.

### **ELECTRIC SERVICE REGULATIONS**

- b. Such automatic and manual load shedding and restoration will be as set forth in ECAR Document No. 3, dated October 31, 1968 as amended.

#### 2. Anticipated or predictable Short Term Capacity Shortages.

As soon as it is determined that a critical situation exists on the Company's system which may require implementation of any of the emergency procedures listed below, the Company shall confer by telephone with the Commission Staff. Also, the Commission Staff shall be kept informed when any such emergency procedures are implemented.

In the event an emergency condition of short term duration is anticipated or predicted which cannot be relieved by sources of generation available to the Company within the interconnected area, the following steps will be taken at the appropriate time and in the order appropriate to the situation.

- a. The internal demand of generating plants and other premises owned by the Company will be reduced to the largest extent consistent with the continuity of service.
- b. Voluntary load reductions will be requested of major commercial and industrial customers by procedures established in their respective load reduction plans;
- c. Voluntary load reductions will be requested of all other customers through appropriate media appeals.
- d. Manual load shedding of customer loads will be initiated. Service so interrupted shall, be to customers supplied from (1) selected distribution circuits throughout the area affected by the emergency, and (2) transmission and subtransmission circuits that can be directly controlled from the Company's dispatching offices. Such interruptions shall be consistent with the criteria established in section (A)(1) to protect the public health and safety and shall, insofar as practicable, be alternated among circuits. The length of an interruption of any selected distribution circuit should not exceed two hours and the total interruption should not exceed four hours in any 24 hour period without prior notification to the Commission. Records will be maintained to ensure that, during subsequent capacity shortages, service interruptions may be rotated throughout the area in an equitable manner.

#### **C. Long Term Capacity or Fuel Shortages:**

The following actions shall be implemented until it is determined by the Company that any or all actions may be terminated. The public shall be immediately advised through appropriate media sources of the implementation of these procedures.

##### 1. Long Term Capacity Shortages.

If an emergency situation of long term duration arises out of a long term capacity shortage on the Company's system, the following actions shall be taken, as required:

- a. Curtail, during hours of maximum system demand, non-priority electric use on premises controlled by the Company including parking, large area and interior lighting, except lighting required for security and safety.
- b. Initiate voluntary load reduction by all customers during the hours of maximum system demand as specified by the Company by:
  - i. Direct contact of customers with an electric demand of 500 kW or higher requesting them to implement their voluntary electric load reduction plans.



### **ELECTRIC SERVICE REGULATIONS**

- ii. Requesting, through mass communication media, voluntary curtailment of electric use by all other customers by suggesting actions to be taken such as: lowering thermostat settings for electric heating in the winter; discontinuing the use of air conditioning in the summer; shutting off electric water heaters; discontinuing use of dishwashers, outside lights, electric clothes dryers and entertainment appliances; reducing the use of interior lighting; reducing the use of refrigeration; discontinuing sign lighting and decorative lighting; reducing the use of elevators and poker ventilation equipment; and rescheduling hours of operation for stores and factories.
- c. Implement procedures for interruption of selected distribution circuits during the period of maximum system demand on a rotational basis minimizing interruption to facilities which are essential to the public health and safety. The length of an interruption of any selected circuit should not exceed two hours, and the total interruption should not exceed four hours in any 24 hour period without prior notification to the Commission.
- d. Notify customers with an electric demand of 500 kW or higher to curtail non-priority use of electricity during hours of maximum system demand as specified by the Company to levels not less than 70 percent of the customer's "monthly base period demand." The Company will establish an adjusted curtailment level when the customer can document that their priority use of electricity exceeds the curtailment level as specified. The Company will notify the Commission prior to such notification of customers.

"Monthly base period demand" is the customers billing demand established during the same month of the preceding year provided, however, that if:

- i. The "monthly base period demand" of a customer was abnormal due to such things as strikes or breakdown of major equipment, upon application by the customer and agreement by the Company, "monthly base period demand" for such customer shall be adjusted to reflect the abnormality.
- ii. A customer has experienced a major change in load or in load use pattern between the same month of the preceding year and the month of notification of curtailment, the "monthly base period demand" shall be multiplied by an adjustment factor equal to the sum of the billing demands of the three consecutive months prior to the month of notification of curtailment divided by the sum of the billing demands of the corresponding months in the prior 12 month period. If the load change occurred within the three monthly billing periods prior to the notification, only the months which include the changed load condition and the corresponding months of the previous year shall be used to calculate the adjustment factor.
- iii. A customer has recently been connected or has received a commitment from the Company to supply a new load or a major load addition expected to be connected subsequent to the initiation of the curtailment, the "monthly base period demand" will be negotiated between the customer and the Company.

Upon prior arrangement and mutual agreement with the Company, customers may effect their electric demand reduction on a corporate basis.

- e. Upon notification to the Commission, increase the total hours of interruption of selected distribution circuits during the hours of maximum system demand from four hours to a maximum of eight hours.

## **ELECTRIC SERVICE REGULATIONS**

### 2. Long Term Fuel Shortages.

In the event of any anticipated long term fuel shortage on the Company's system, the following program shall be implemented:

- a. If fuel supplies are decreasing and the remaining fuel supplies at any plant or portion thereof, if separate stockpiles are required, are sufficient in the Company's opinion for 50 "normal burn days" (number of days of coal supply available to serve the portion of the sum of the estimated normal load plus firm sales which will not be provided by firm purchases or by its non-coal generating sources) calculated on a plant by plant basis, the following action shall be taken:
  - i. The Company shall notify the Commission of the fuel supply situation.
  - ii. Following written notification to the Commission, the Company will vary from economic dispatch the plants or portions thereof affected in order to utilize generation from plants having a more adequate fuel supply.
- b. If fuel supplies are decreasing and the remaining system fuel supplies are sufficient in the Company's opinion for 50 "normal burn days", the following action shall be taken:
  - i. The Company shall notify the Commission of the fuel supply situation.
  - ii. Company use of electric energy will be reduced in any way that will not jeopardize essential operations.
  - iii. Following written notification to the Commission, the Company will vary from economic dispatch in order to utilize generation from plants having a more adequate fuel supply.
  - iv. Consideration will be given to discontinuing emergency sales to other utilities, except in those situations where the dropping of regular customers or where serious overloads on equipment will result.
- c. If fuel supplies continue to decrease and the remaining system fuel supplies are sufficient in the Company's opinion for not more than 40 "normal burn days," appeals will be made to all customers for voluntary conservation to effect a reduction of at least 25 percent of all non-priority use of electricity.
  - i. Public appeals will be made by the Company through appropriate news media requesting customers to curtail their use of electric energy by suggesting actions to be taken such as: reduce outdoor lighting; reduce general interior lighting to minimum levels to the extent this contributes to decreased electricity usage; reduce show window and display lighting to minimum levels to protect property; reduce the number of elevators operating in office buildings during non-peak hours; reduce electric water heating temperature to minimum level; minimize work schedules for building cleaning and maintenance, restocking, etc., so as to eliminate necessity for office or commercial and industrial facilities to be open beyond normal working hours; maintain building temperature of no less than 78°F by operation of cooling equipment and no more than 68°F by operation of heating equipment, and encourage, to the extent possible, daytime scheduling of entertainment and recreation facilities.
  - ii. Direct appeals will be made by the Company to industrial and commercial customers with an electric demand of 500 kW or higher to reduce non-priority use of electricity by at least 25 percent.

### **ELECTRIC SERVICE REGULATIONS**

- d. If fuel supplies continue to decrease and the remaining system fuel supplies are sufficient in the Company's opinion for not more than 30 "normal burn days," the Company shall implement mandatory curtailment procedures for all customer as follows:
- i. All previous measures to reduce electric usage, and
  - ii. All non-priority lighting shall be discontinued, all public, commercial and industrial buildings shall maintain a building temperature of no less than 80°F by cooling equipment and no more than 60°F by the operation of heating equipment, except where health-measures or equipment protection deem such measures to be inappropriate and all public, commercial and industrial buildings shall reduce interior lighting to the minimum levels essential for continued work and operations to the extent this contributes to decreased use of electric energy.

Upon prior arrangement and mutual agreement with the Company, customers may effect their electric energy usage reduction on a corporate basis.

- e. If fuel supplies continue to decrease and the remaining system fuel supplies are sufficient in the Company's opinion for not more than 25 "normal burn days," the Company shall implement additional mandatory curtailment procedures for all customers as follows:

All previous measures to reduce electric usage, and

- i. All customers shall discontinue non-priority use of electricity on two days of each week. (The Company shall inform customers of the days that non-priority uses shall be discontinued), or
  - ii. Customers may, in the alternative, elect to reduce total electric consumption by 25 percent below normal usage but must keep records sufficient to document their reduction. Upon prior arrangement and mutual agreement with the Company, customers may effect their electric energy usage reduction on a corporate basis.
- f. If fuel supplies continue to decrease and the remaining system fuel supplies are sufficient in the Company's opinion for not more than 20 "normal burn days," the Company shall implement further mandatory curtailment of electric usage as follows:

All previous measures to reduce electric usage, and

- i. All customers shall discontinue non-priority use of electricity on three days of each week (the Company shall inform customers of the days that non-priority uses shall be discontinued), or
  - ii. Customers may, in the alternative, elect to reduce total electric consumption by 50 percent below normal usage, but must keep records sufficient to document their reduction. Upon prior arrangement and mutual agreement with the Company, customers may effect their electric energy usage reduction on a corporate basis.
- g. If fuel supplies continue to decrease and the remaining system fuel supplies are sufficient in the Company's opinion for not more than 15 "normal burn days," the Company shall notify all customers to discontinue all non-priority use of electricity on all days of each week.

### **ELECTRIC SERVICE REGULATIONS**

3. Customers who do not curtail service during long term capacity shortages within 30 days after notification by the Company pursuant to (C)(1)(d), or do not promptly curtail service during long-term fuel shortages when notified by the Company pursuant to (C)(2)(d, e, f, and g), may, following notification to the Commission, be wholly disconnected from service until the emergency is past.

#### **D. Short Term Capacity Shortages in Neighboring Control Areas:**

Firm service to the Company's customers shall not be interrupted in order to provide emergency service to suppliers of electric energy in neighboring interconnected control areas. Emergency assistance to such suppliers will not be given unless agreed to be provided on a reciprocal basis by such supplier to the Company, and shall be limited to providing emergency assistance from idle or spinning reserve generating capacity on the Company's system provided that the neighboring control area has, as nearly as practicable, utilized its own idle or spinning reserve capacity.

The neighboring control area seeking assistance shall be requested to reduce its takings of electric energy if such takings endanger the reliability of bulk power supply in the Company area. If such neighboring control area fails to reduce its takings and the reliability of bulk power supply in the Company's area is endangered, steps shall be taken to relieve the burden on the Company area including, as a last resort, opening of appropriate interconnections.

#### **E. Emergency Procedures for Municipal Wholesale Customers:**

The Company also provides electric service to certain municipal Wholesale customers. In order to distribute fairly the burden of an electrical emergency between the Company's retail customers and the retail consumers served by its municipal wholesale customers, each such municipal wholesale customer shall adopt emergency electric procedures designed to curtail service to its consumers to the same extent as service to the Company's consumers would be curtailed under the Emergency Electrical Procedures contained herein. Such procedures shall be implemented by each wholesale customer when notified to do so by the Company.

**RESIDENTIAL SERVICE - (RATE "RS")**

**AVAILABILITY:**

Available for residential service to installations served through one meter for each family unit in a residence or apartment.

When service is used through the same meter for both residential and commercial purposes the applicable general service rate schedule shall apply.

This rate schedule is not available for service to a commercial, institutional or industrial establishment. The hallways and other common facilities of an apartment building or apartment complex are to be billed on the appropriate general service rate.

**SERVICE:**

Service is provided per the Electric Service Regulations at a secondary voltage.

**RATE:**

All charges under this rate schedule shall be calculated as described below and charged on a monthly basis.

**Distribution Charges:**

Service Charge: \$4.00

Energy Charge:  
All kWh, per kWh 3.5595¢

**SPECIAL METERS:**

Time-Of-Day Metering is available from the Company. Charges for such service are specified in the Miscellaneous Charges, Tariff Sheet 75.

**APPLICABLE RIDERS:**

The charges included with the applicable riders as designated on the Summary Rider, Tariff Sheet 80 shall be added to the Rates and charges set forth above.

**ELECTRIC SERVICE REGULATIONS:**

The Company's Electric Service Regulations shall apply to the installation and use of electric service.

**GENERAL SERVICE - SECONDARY (RATE "GS")**

**AVAILABILITY:**

Available to general service installations requiring Secondary Service. Secondary Service is defined in the Company's Electric Service Regulations. Choice of voltage shall be at the option of the Company.

**SERVICE:**

All service under this rate schedule will be served through one meter for each installation.

**RATE:**

All charges under this rate schedule shall be calculated as described below and charged on a monthly basis.

**Distribution Charges:**

Service Charge:	\$7.00
Capacity Charge:	
Up to 5 kW of billing demand	\$10.9800
For each kW over 5 kW of billing demand	\$8.0390
Reactive Demand Charge applicable to three phase customers only	
For each rkVA of reactive billing demand	\$0.360

**BILLING DEMAND:**

The billing demand for the month shall be the greatest of:

1. Measured Demand, being the highest fifteen (15) minute integrated kW
2. 5.0 kW
3. The Contract Demand

Measured Demand shall be estimated for all customers not having a demand meter and using over 1,000 kWh per month by applying a factor of 200 by the following formula: Measured Demand = kWh / 200.

**REACTIVE BILLING DEMAND:**

For installations metered with reactive energy metering, the reactive billing demand in rkVA for the month shall be determined by multiplying the Measured Demand by the ratio of the measured lagging reactive kilovoltampere hours to the measured kilowatthours by the following formula: rkVA = Measured Demand X (measured lagging reactive kilovoltampere hours ÷ measured kilowatthours). For all other installations, the reactive billing demand shall be the integrated reactive demand occurring coincident with the Measured Demand.

**APPLICABLE RIDERS:**

The charges included with the applicable riders as designated on the Summary Rider, Tariff Sheet 80 shall be added to the Rates and charges set forth above.

**GENERAL SERVICE - SECONDARY (RATE "GS")**

**ADJUSTMENT FOR PRIMARY METERING:**

Where a transformer installation (regardless of ownership) is utilized solely to furnish service to a single customer, the Company may meter the service on the primary side of the transformers, and in such case all the demand and energy registrations shall each be reduced 2%.

**SPECIAL METERS:**

Time-Of-Day and Interval Metering is available from the Company. Charges for such service are specified in the Miscellaneous Charges, Tariff Sheet 75.

**UNMETERED SERVICE:**

Unmetered service is available to customers with loads of constant wattage such that the monthly use may be calculated accurately and where the Company and the customer agree to unmetered service. The Billing Load shall be the connected load in kilowatts. The monthly billing kilowatt-hours shall be the product of Hours of Use times connected load. Hours of Use shall be 730 hours for continuous operation mode and 350 hours for all other operation modes.

The customer shall notify the Company of the initial connected load and operation mode and shall provide advance notice of each subsequent change in such load or operation mode. The Company may make an inspection of the customer's equipment at any time to verify connected loads and operation mode. In the event of the customer's failure to notify the Company of an increase in load, the Company reserves the right to refuse to provide unmetered service at the delivery point thereafter and adjust prior billing amounts accordingly to reflect the increases in load.

**DUPLICATE CIRCUIT SERVICE:**

When service is furnished to provide redundancy to the Company's main service as requested by the customer, a contract demand shall be established by mutual agreement and shall be specified in the service contract. Such installations shall be considered a Premium Installation and shall be a separate account from the customer's main service.

**ELECTRIC SERVICE REGULATIONS:**

The Company's Electric Service Regulations shall apply to the installation and use of electric service.

**CONTRACT:**

Electric service hereunder shall be furnished in accordance with a written contract, at the Company's discretion, which by its term shall be in full force and effect for a minimum period of one year and shall continue in force thereafter from year to year unless either party shall give to the other not less than 60 days notice in writing prior to the expiration date of any said yearly periods that the contract shall be terminated at the expiration date of said yearly period. When a contract is terminated in the manner provided herein, the service will be discontinued.

**GENERAL SERVICE - SECONDARY (RATE "GS")**

The Contract Demand shall be specified in the contract for electric service of customers establishing service after January 22, 2009 and of customers requiring or requesting a significant change in service. The Contract Demand shall be 60% of the customer's expected, typical monthly peak load. Customers with a Contract Demand on January 22, 2009 will remain at that existing Contract Demand level, until such time as they reestablish service or request or require a significant change in service. The Contract Demand shall be reevaluated based on actual usage upon customer request, no more than once per 12 month period.

If the Customer's capacity or service requirements increase, the Company, at its sole and exclusive judgement, may at any time require the Customer to enter into a new contract for electric service.



**GENERAL SERVICE - PRIMARY (RATE "GP")**

**AVAILABILITY:**

Available to general service installations requiring Primary Service. Primary Service is defined in the Company's Electric Service Regulations. Choice of voltage shall be at the option of the Company.

**SERVICE:**

All service under this rate schedule will be served through one meter for each installation.

The customer will be responsible for all transforming, controlling, regulating and protective equipment and its operation and maintenance.

**RATE:**

All charges under this rate schedule shall be applied as described below and charged on a monthly basis.

**Distribution Charges:**

Service Charge:	\$150.00
Capacity Charge: For each kW of billing demand	\$1.7328
Reactive Demand Charge applicable to three phase customers only For each rkVA of reactive billing demand	\$0.360

**BILLING DEMAND:**

The billing demand for the month shall be the greatest of:

1. Measured Demand, being the highest fifteen (15) minute integrated kW
2. 30.0 kW
3. The Contract Demand

**REACTIVE BILLING DEMAND:**

For installations metered with reactive energy metering, the reactive billing demand in rkVA for the month shall be determined by multiplying the Measured Demand by the ratio of the measured lagging reactive kilovoltampere hours to the measured kilowatthours by the following formula:  $rkVA = \text{Measured Demand} \times (\text{measured lagging reactive kilovoltampere hours} \div \text{measured kilowatthours})$ . For all other installations, the reactive billing demand shall be the integrated reactive demand occurring coincident with the Measured Demand.

**GENERAL SERVICE - PRIMARY (RATE "GP")**

**CUSTOMER TARIFF OPTION:**

A customer qualifying for service under Rate GP may take distribution service under the terms and conditions of Rate GT (including the Transformer Charge) if the transformer that directly serves such customer is: 1) located in the immediate vicinity; 2) is owned by the Company; and 3) has been directly fed by a Transmission voltage line since May 8, 2007.

**APPLICABLE RIDERS:**

The charges included with the applicable riders as designated on the Summary Rider, Tariff Sheet 80 shall be added to the Rates and charges set forth above.

**ADJUSTMENT FOR SECONDARY METERING:**

The Company reserves the right to install the metering equipment on either the primary or secondary side of the transformers serving the customer, and when installed on the secondary side, at the Company's option, the Company shall correct for transformer losses by one of the two following methods: 1.) by using compensating-metering equipment or 2.) by increasing all demand and energy registrations by 2% each.

**SPECIAL METERS:**

Time-Of-Day and Interval Metering is available from the Company. Charges for such service are specified in the Miscellaneous Charges, Tariff Sheet 75.

**DUPLICATE CIRCUIT SERVICE:**

When service is furnished to provide redundancy to the Company's main service as requested by the customer, a contract demand shall be established by mutual agreement and shall be specified in the service contract. Such installations shall be considered a Premium Installation and shall be a separate account from the customer's main service.

**ELECTRIC SERVICE REGULATIONS:**

The Company's Electric Service Regulations shall apply to the installation and use of electric service.

**GENERAL SERVICE - PRIMARY (RATE "GP")**

**CONTRACT:**

Electric service hereunder shall be furnished in accordance with a written contract, which by its term shall be in full force and effect for a minimum period of two years and shall continue in force thereafter from year to year unless either party shall give to the other not less than 60 days notice in writing prior to the expiration date of any said yearly periods that the contract shall be terminated at the expiration date of said yearly period. When a contract is terminated in the manner provided herein, the service will be discontinued.

The Contract Demand shall be specified in the contract for electric service of customers establishing service after January 22, 2009 and of customers requiring or requesting a significant change in service. The Contract Demand shall be 60% of the customer's expected, typical monthly peak load. Customers with a Contract Demand on January 22, 2009 will remain at that existing Contract Demand level, until such time as they reestablish service or request or require a significant change in service. The Contract Demand shall be reevaluated based on actual usage upon customer request, no more than once per 12 month period.

If the Customer's capacity or service requirements increase, the Company, at its sole and exclusive judgement, may at any time require the Customer to enter into a new contract for electric service.

**GENERAL SERVICE - SUBTRANSMISSION (RATE "GSU")**

**AVAILABILITY:**

Available to general service installations requiring Subtransmission Service. Subtransmission Service is defined in the Company's Electric Service Regulations. Choice of voltage shall be at the option of the Company.

**SERVICE:**

All service under this rate schedule will be served through one meter for each installation.

The customer will be responsible for all transforming, controlling, regulating and protective equipment and its operation and maintenance.

**RATE:**

All charges under this rate schedule shall be calculated as described below and charged on a monthly basis.

**Distribution Charges:**

Service Charge:	\$200.00
Capacity Charge: For Each kVA of billing demand	\$0.4530

**BILLING DEMAND:**

The billing demand for the month shall be the greatest of:

1. Measured Demand, being the highest thirty (30) minute integrated kVA
2. 30.0 kVA
3. The Contract Demand

**APPLICABLE RIDERS:**

The charges included with the applicable riders as designated on the Summary Rider, Tariff Sheet 80 shall be added to the Rates and charges set forth above.

**ADJUSTMENT FOR SECONDARY METERING:**

The Company reserves the right to install the metering equipment on either the primary or secondary side of the transformers serving the customer, and when installed on the secondary side, at the Company's option, the Company shall correct for transformer losses by one of the two following methods: 1.) by using compensating-metering equipment or 2.) by increasing all demand and energy registrations by 2% each.

**GENERAL SERVICE - SUBTRANSMISSION (RATE "GSU")**

**SPECIAL METERS:**

Time-Of-Day and Interval Metering is available from the Company. Charges for such service are specified in the Miscellaneous Charges, Tariff Sheet 75.

**DUPLICATE CIRCUIT SERVICE:**

When service is furnished to provide redundancy to the Company's main service as requested by the customer, a contract demand shall be established by mutual agreement and shall be specified in the service contract. Such installations shall be considered a Premium Installation and shall be a separate account from the customer's main service.

**ELECTRIC SERVICE REGULATIONS:**

The Company's Electric Service Regulations shall apply to the installation and use of electric service. The Company's general policy of supplying regulated voltages does not apply to this rate schedule.

**CONTRACT:**

Electric service hereunder shall be furnished in accordance with a written contract, which by its term shall be in full force and effect for a minimum period of two years and shall continue in force thereafter from year to year unless either party shall give to the other not less than 60 days notice in writing prior to the expiration date of any said yearly periods that the contract shall be terminated at the expiration date of said yearly period. When a contract is terminated in the manner provided herein, the service will be discontinued.

The Contract Demand shall be specified in the contract for electric service of customers establishing service after January 22, 2009 and of customers requiring or requesting a significant change in service. The Contract Demand shall be 60% of the customer's expected, typical monthly peak load. Customers with a Contract Demand on January 22, 2009 will remain at that existing Contract Demand level, until such time as they reestablish service or request or require a significant change in service. The Contract Demand shall be reevaluated based on actual usage upon customer request, no more than once per 12 month period.

If the Customer's capacity or service requirements increase, the Company, at its sole and exclusive judgement, may at any time require the Customer to enter into a new contract for electric service.

**GENERAL SERVICE - TRANSMISSION (RATE "GT")**

**AVAILABILITY:**

Available to general service installations requiring Transmission Service. Transmission Service is defined in the Company's Electric Service Regulations. Choice of voltage shall be at the option of the Company.

A customer qualifying for service under Rate GP may take distribution service under the terms and conditions of Rate GT (including the Transformer Charge) if the transformer that directly serves such customer is: 1) located in the immediate vicinity; 2) is owned by the Company; and 3) has been directly fed by a Transmission voltage line since May 8, 2007.

**SERVICE:**

All service under this rate schedule will be served through one meter for each installation.

The customer will be responsible for all transforming, controlling, regulating and protective equipment and its operation and maintenance unless the Transformer Charge applies to the customer.

The Transformer Charge is applicable to a customer premise with existing transformation having been provided by the Company, including leased equipment, for the customer's exclusive use since May 8, 2007, in addition to all other applicable tariff charges.

If an increase in capacity of existing transformation owned by the Company is necessary or if the customer requires a change in service voltage on or after January 1, 2009, all necessary transforming, controlling, regulating and protective equipment shall be provided by the customer.

**RATE:**

All charges under this rate schedule shall be calculated as described below and charged on a monthly basis.

**Distribution Charges:**

Service Charge:	\$320.00
Capacity Charge: For Each kVA of billing demand	\$0.1185

**BILLING DEMAND:**

The billing demand for the month shall be the greatest of:

1. Measured Demand, being the highest thirty (30) minute integrated kVA.
2. 100.0 kVA
3. The Contract Demand

**GENERAL SERVICE - TRANSMISSION (RATE "GT")**

**TRANSFORMER CHARGE:**

A monthly Transformer Charge of 13 cents per kVA of Measured Demand shall be charged for existing transformation, and the Company will continue to own, operate and maintain all such necessary transforming, controlling, regulating and protective equipment. Any equipment costs incurred by the Company necessary to maintain or update such substation facilities shall be paid in full by the customer before such equipment is installed.

**APPLICABLE RIDERS:**

The charges included with the applicable riders as designated on the Summary Rider, Tariff Sheet 80 shall be added to the Rates and charges set forth above.

**ADJUSTMENT FOR SECONDARY METERING:**

The Company reserves the right to install the metering equipment on either the primary or secondary side of the transformers serving the customer, and when installed on the secondary side, at the Company's option, the Company shall correct for transformer losses by one of the two following methods: 1.) by using compensating-metering equipment or 2.) by increasing all demand and energy registrations by 2% each.

**SPECIAL METERS:**

Time-Of-Day and Interval Metering is available from the Company. Charges for such service are specified in the Miscellaneous Charges, Tariff Sheet 75.

**ELECTRIC SERVICE REGULATIONS:**

The Company's Electric Service Regulations shall apply to the installation and use of electric service. The Company's general policy of supplying regulated voltages does not apply to this rate schedule.

**CONTRACT:**

Electric service hereunder shall be furnished in accordance with a written contract, which by its term shall be in full force and effect for a minimum period of two year and shall continue in force thereafter from year to year unless either party shall give to the other not less than 60 days notice in writing prior to the expiration date of any said yearly periods that the contract shall be terminated at the expiration date of said yearly period. When a contract is terminated in the manner provided herein, the service will be discontinued.

The Contract Demand shall be specified in the contract for electric service of customers establishing service after January 22, 2009 and of customers requiring or requesting a significant change in service. The Contract Demand shall be 60% of the customer's expected, typical monthly peak load. Customers with a Contract Demand on January 22, 2009 will remain at that existing Contract Demand level, until such time as they reestablish service or request or require a significant change in service. The Contract Demand shall be reevaluated based on actual usage upon customer request, no more than once per 12 month period.

**GENERAL SERVICE - TRANSMISSION (RATE "GT")**

If the customer's capacity or service requirements increase, the Company, at its sole and exclusive judgement, may at any time require the customer to enter into a new contract for electric service.



**STREET LIGHTING PROVISIONS**

**AVAILABILITY:**

Available to municipalities and governmental authorities for the lighting of streets, sidewalks, parks, and other public grounds.

**METERING:**

Standard street lighting service shall be unmetered with monthly kilowatt hour consumption determined using rated bulb capacity and associated ballasts multiplied by average burn hours. Any street light pole with an electrical outlet shall be metered with all initial costs of metering installation borne by the customer.

**BURN HOURS:**

Unless otherwise noted, all lamps shall be operated by photoelectric control or by time clocks, with hours of operation from dusk to dawn, 4,200 hours per annum.

The following monthly Kilowatt-hour values shall be used for billing purposes. Any installation with dual lamps shall multiply the below values by two (2).

Bulb Type	Bulb Rating	kWh per Month
Incandescent	1,000 Lumens	24
Incandescent	2,000 Lumens	56
Incandescent	2,500 Lumens	70
Incandescent	4,000 Lumens	126
Incandescent	6,000 Lumens	157
Incandescent	10,000 Lumens	242
Incandescent	15,000 Lumens	282

Fluorescent	6,000 Lumens	45
Fluorescent	13,800 Lumens	94
Fluorescent	21,800 Lumens	135
Fluorescent	43,600 Lumens	264

Mercury Vapor	100 Watts	43
Mercury Vapor	175 Watts	69
Mercury Vapor	175 Watts*	144
Mercury Vapor	250 Watts	104
Mercury Vapor	250 Watts*	216
Mercury Vapor	400 Watts	158
Mercury Vapor	700 Watts	287
Mercury Vapor	1000 Watts	380

\*Operating in continuous burn mode

**STREET LIGHTING PROVISIONS**

Bulb Type	Bulb Rating	kWh per Month
High Pressure Sodium Vapor	70 Watts	29
High Pressure Sodium Vapor	100 Watts	42
High Pressure Sodium Vapor	100 Watts*	87
High Pressure Sodium Vapor	150 Watts	62
High Pressure Sodium Vapor	150 Watts*	129
High Pressure Sodium Vapor	200 Watts	88
High Pressure Sodium Vapor	215 Watts	89
High Pressure Sodium Vapor	250 Watts	105
High Pressure Sodium Vapor	310 Watts	128
High Pressure Sodium Vapor	400 Watts	163
High Pressure Sodium Vapor	1000 Watts	410

\*Operating in continuous burn mode

**IN-SERVICE DATES:**

All street lighting equipment which is placed in service or removed by and including the 15th day of the month shall be charged by the Company and paid for by the customer as if the equipment had been in service or removed on the 1st day of the subject month. All street lighting equipment which is placed in service or removed subsequent to the 15th of the month shall be charged by the Company and paid for by the customer as if the equipment had been placed in service or removed on the 1st day of the subsequent month.

**APPLICABLE RIDERS:**

Rates and charges specified in this schedule shall be subject to and modified in accordance with provisions of the applicable riders listed on the Summary Rider, Sheet 80, or any other applicable riders approved by the Public Utilities Commission of Ohio.

**GENERAL RULES:**

Extensions of existing distribution facilities, and/or the addition of transformers, which are required strictly for the purposes of providing street lighting service shall be paid for by the customer.

In cases of vandalism to Company owned lighting equipment, the Company, at its discretion, will repair the damaged property, the cost of which shall be borne by the customer and billed upon completion of work. A written estimate of the cost will be submitted to the customer for approval before work is performed.

In cases of vandalism to customer owned lighting equipment, the customer shall be responsible for repairing the damaged property. The Company may, upon request from the customer, repair the damaged property, the cost of which shall be borne by the customer and billed upon completion of work. A written estimate of the repair cost will be submitted to the customer for approval before work is performed.

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**STREET LIGHTING PROVISIONS**

The customer shall have the right to affix street, traffic, regional transit authority, combination, safety, and warning signs on any street lighting equipment installed under this tariff schedule as long as said sign is erected and maintained in a proper and safe manner so as not to interfere in any way with the use of street lighting equipment, appurtenances or equipment of the Company. The customer shall agree to indemnify and hold harmless the Company or its successors and assigns of and from any and all expense and damages resulting to anyone caused by the negligent installation or maintenance of said street sign. The customer shall not attach any signs, devices, posters, banners, handbills or placards of any description, other than the aforementioned traffic, safety and warning signs, to any street lighting equipment installed under this tariff schedule without the express written consent of the Company.

No reduction in billing shall be allowed for lamp outages.

The Company's obligations with respect to making extensions, furnishing service, and supplying electric energy shall at all times be subject to limitations or restrictions by virtue of regulations issued by governmental authorities.

**STREET LIGHTING SERVICE - (RATE "STL")**  
**COMPANY OWNED**

**GENERAL RULES:**

The Company will install lighting equipment on an approved existing pole or, where necessary, will furnish one pole for mounting the lighting equipment and one section of secondary wire. All additional lighting equipment, not provided for herein, installed by the Company at the request of the customer, shall be the property of the Company and be paid for by the customer.

**CHANGES IN NUMBER, SIZE, TYPE OR LOCATION:**

Activities related to the replacement, relocation, alteration, or removal of existing street lighting equipment are not included as part of normal maintenance. Such activities include, but are not limited to, the replacement of an existing fixture, removal or relocation of a lamp, luminaire, bracket, and/or pole, or installation of a luminaire shield. All such requests shall be made in writing by the customer. The Company will supply the customer with a written estimate of charges prior to the start of work.

**RESPONSIBILITIES FOR OWNERSHIP, MAINTENANCE AND REPLACEMENT:**

All lighting components including lamp, refractor, luminaire, ballast, pole, bracket, and other supporting materials shall be owned by the Company. All service and necessary maintenance will be performed only during the regular working hours of the Company.

**INSTALLATION COSTS:**

All installation costs for new street lighting investment that exceed the net book value of street lighting investment reflected in the rates below shall be billed to the customer. A written estimate of costs shall be presented to the customer for approval prior to the start of the work and paid in full upon completion.

**RATE:**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges as shown below.

**Distribution Charges:**

**INCANDESCENT STREET LIGHTING (a)**

<u>Monthly Base Rate</u>	<u>Overhead Wood Service</u>	<u>Overhead Steel Service</u>	<u>Underground Service</u>
For each Incandescent unit	\$10.96	\$11.94	\$18.14
For each Incandescent unit with dual lamps	-	-	\$32.26

(a) The Company will not install new incandescent lighting equipment but will maintain existing incandescent lighting equipment when practical.

**STREET LIGHTING SERVICE - (RATE "STL")**  
**COMPANY OWNED**

**FLUORESCENT STREET LIGHTING (b)**

<u>Monthly Base Rate</u>	<u>Overhead Wood Service</u>	<u>Overhead Steel Service</u>	<u>Underground Service</u>
For each Fluorescent unit	-	\$16.80	\$15.06
For each Fluorescent unit with dual lamps	-	-	\$20.58

(b) The Company will not install new fluorescent lighting equipment but will maintain existing fluorescent lighting equipment when practical.

**MERCURY STREET LIGHTING – Single Lamp (c)**

<u>Rating in Watts</u>	<u>Monthly Base Rate</u>	<u>Monthly Base Rates</u>		
		<u>Overhead Service</u>		<u>Underground Service</u>
		<u>Wood Pole</u>	<u>Metal Pole</u>	
175	per unit	\$5.98	\$8.26	\$11.98
250	per unit	\$6.56	\$8.68	\$12.52
400	per unit	\$8.25	\$10.95	\$14.58
700	per unit	\$13.43	\$16.34	\$18.20
1,000	per unit	\$15.87	\$18.84	\$20.48

(c) The Company will not install new mercury lighting equipment but will maintain existing mercury lighting equipment when practical.

**MERCURY STREET LIGHTING – Dual Lamps (c)**

<u>Rating in Watts</u>	<u>Monthly Base Rate</u>	<u>Monthly Base Rates</u>		
		<u>Overhead Service</u>		<u>Underground Service</u>
		<u>Wood Pole</u>	<u>Metal Pole</u>	
175	per unit	\$10.17	-	-
250	per unit	-	-	\$17.53
400	per unit	\$14.54	\$17.20	\$20.47

(c) The Company will not install new mercury lighting equipment but will maintain existing mercury lighting equipment when practical.

**STREET LIGHTING SERVICE - (RATE "STL")**  
**COMPANY OWNED**

**HIGH PRESSURE SODIUM LIGHTING – Single Lamp (d)**

Rating in Watts	Monthly Base Rate	Monthly Base Rates		
		Overhead Service		Underground Service
		Wood Pole	Metal Pole	
100	per unit	\$9.15	\$11.00	\$14.75
100 (Ornamental)	per unit	-	-	\$26.05
150	per unit	\$10.36	\$11.68	\$12.69
200	per unit	\$13.21	\$15.33	\$19.28
250	per unit	\$10.37	\$14.34	\$16.04
250 (Downtown)	per unit	-	-	\$31.06
400	per unit	\$13.59	\$17.02	\$17.75
400 (Downtown)	per unit	-	-	\$45.54

(d) The Company reserves the right to limit the types of posts, luminaries and lamps under this rate for new installations.

**HIGH PRESSURE SODIUM LIGHTING – Dual Lamps (d)**

Rating in Watts	Monthly Base Rate	Monthly Base Rates		
		Overhead Service		Underground Service
		Wood Pole	Metal Pole	
100	per unit	\$17.86	\$18.75	\$22.99
150	per unit	\$18.87	\$19.31	\$25.99
250	per unit	\$20.92	\$22.33	\$28.58
400 (Davit Pole)	per unit	-	-	\$23.08

(d) The Company reserves the right to limit the types of posts, luminaries and lamps under this rate for new installations.

**APPLICABLE RIDERS:**

The charges included with the applicable riders as designated on the Summary Rider, Tariff Sheet 80 shall be added to the Rates and charges set forth above.

**STREET LIGHTING SERVICE - (RATE "STL")**  
**CUSTOMER OWNED, LIMITED COMPANY MAINTENANCE**

**APPLICABILITY:**

This lighting plan is not available for lighting units installed after December 31, 2008.

**GENERAL RULES:**

The customer shall inform the Company in writing of any reductions to existing unmetered load associated with a customer's street lighting account at least 30 days prior to the anticipated date of change.

**CHANGES IN NUMBER, SIZE, TYPE OR LOCATION:**

Activities related to modification of existing street lighting equipment are not included as part of normal maintenance. Such activities include, but are not limited to, the replacement or alteration of an existing fixture, removal or relocation of a lamp, luminaire, bracket, and/or pole, or installation of a luminaire shield. All such requests shall be made in writing by the customer. The Company will supply the customer with a written estimate of charges prior to the start of work.

**RESPONSIBILITIES FOR OWNERSHIP, MAINTENANCE AND REPLACEMENT:**

All lighting components shall be furnished, owned, repaired, maintained, and replaced by the customer except for bulbs, refractors, photoelectric cells, luminaires, and ballasts. The Company shall replace bulbs, refractors, luminaires, and ballasts that fail due to normal use twice in a twelve (12) month period at no additional cost when practical. Additional replacements shall be billed to the customer at actual cost.

**RATE:**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges as shown below.

**Distribution Charges:**

ALL LAMP TYPES:

	<u>Monthly Base Rate:</u>
All kWh per kWh	4.6389¢

The following charges apply in addition to the above:

**APPLICABLE RIDERS:**

The charges included with the applicable riders as designated on the Summary Rider, Tariff Sheet 80 shall be added to the Rates and charges set forth above.

**TRAFFIC LIGHTING SCHEDULE - (RATE "TRF")**

**AVAILABILITY:**

Available to municipalities, governmental authorities and school districts for the sole purpose of providing electric service to traffic control devices and/or other devices used for traffic control or public safety.

**METERING:**

New traffic light installations shall be metered, when conditions as determined by the Company allow for such metering, at each Service Connection with the cost of meter installation borne by the customer.

Monthly kilowatt hour consumption for unmetered traffic light equipment shall be determined by the number, rated wattage capacity, and operating characteristics of the traffic lighting.

**RATE:**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges as shown below.

**Distribution Charge:**

Energy Charge:

All kWh, per kWh

2.7235¢

**APPLICABLE RIDERS:**

The charges included with the applicable riders as designated on the Summary Rider, Tariff Sheet 80 shall be added to the Rates and charges set forth above.

**SERVICE CONNECTION:**

A Service Connection shall be defined as the point at which the device(s) of the customer connect to the facilities of the Company.

**OWNERSHIP:**

Traffic control lights, warning lights, traffic signs, and other devices served under this rate schedule shall be owned, installed and maintained by the customer, including all wiring and equipment. All service connections shall be made by the Company.



**TRAFFIC LIGHTING SCHEDULE - (RATE "TRF")**

**SERVICE TABULATION:**

The customer shall provide, upon the Company's request, a tabulation showing all traffic control lights and warning lights installed and in service. Notwithstanding the above, the customer shall inform the Company in writing of any changes to existing unmetered load associated with a customer's traffic lighting at least 30 days prior to the anticipated date of change. Changes include, but are not limited to, additional traffic control lights, traffic signs, or warning lights installed, or any change made in the wattage of any such unit. If prior notice is not properly provided to the Company, the Company may retroactively bill the customer's account: (1) for all usage from the point such load was added, and (2) up to an additional three months usage. At any point after such notice is not properly provided, the Company may also refuse to continue providing unmetered service at the delivery point. In such case, the cost of metering equipment and installation shall be fully borne by the customer while equipment shall be owned by the Company. The Company may, at any time, inspect the customer's equipment to verify or measure actual load.

**GENERAL RULES:**

Extensions of existing distribution facilities, and/or the addition of transformers, which are required strictly for the purposes of providing traffic lighting service shall be paid for by the customer.

The customer may attach police, fire and rescue signal equipment to the Company's poles. Such attachments shall be made in accordance with accepted standards for safe construction and shall not interfere in any way with the Company's use of its property or the provision of electric service. The customer shall indemnify and hold harmless the Company from and against any and all liability arising from the customer's use of the Company's facilities in this manner.

Warning sirens up to 400 watts and call box lights shall be billed as traffic control devices.

All of the Company's obligations with respect to making extensions, furnishing service and supplying electric energy shall at all times be subject to limitation or restriction by virtue of orders or regulations issued by governmental authorities other than the customer.

**ELECTRIC SERVICE REGULATIONS:**

The Company's Electric Service Regulations shall apply to the installation and use of electric service.

**PRIVATE OUTDOOR LIGHTING SERVICE - (RATE "POL")**

**AVAILABILITY:**

Available to any customer receiving service at secondary voltages on the lines of the Company for all-night outdoor lighting on private property.

**METERING:**

Private Outdoor Lighting service shall be unmetered with monthly kilowatt hour consumption determined using standard bulb ratings and associated ballasts multiplied by average burn hours.

**BURN HOURS:**

All lamps shall be operated by photoelectric control or by time clocks, with hours of operation from dusk to dawn, 4,200 hours per annum.

The following monthly Kilowatt-hour values shall be used for billing purposes. Any installation with dual lamps shall multiply the below values by two (2).

<u>Bulb Type</u>	<u>Rating</u>	<u>kWh Per Month</u>
Mercury Vapor	175 Watt	69
Mercury Vapor	400 Watt	158
Mercury Vapor	1000 Watt	380
High Pressure Sodium Vapor	100 Watt	42
High Pressure Sodium Vapor	150 Watt	62
High Pressure Sodium Vapor	200 Watt	88
High Pressure Sodium Vapor	250 Watt	105
High Pressure Sodium Vapor	400 Watt	163
Metal Halide	15,000 Lumens	73
Metal Halide	23,000 Lumens	111
Metal Halide	40,000 Lumens	172

**PRIVATE OUTDOOR LIGHTING SERVICE - (RATE "POL")**

**RATE:**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges as shown below.

**Distribution Charges:**

MERCURY LIGHTING			
<u>Watts</u>	<u>Monthly Base Rate:</u>	<u>Overhead Wood</u>	<u>All Other Installations</u>
175	per unit	\$5.71	\$12.30
400	per unit	\$16.41	-
1,000	per unit	\$21.69	-

  

HIGH PRESSURE SODIUM LIGHTING			
<u>Watts</u>	<u>Monthly Base Rate:</u>	<u>Overhead Wood</u>	<u>All Other Installations</u>
200	per unit	\$8.26	-
400	per unit	\$14.49	-

Monthly charges for the following installation services shall include Distribution.

For installations requiring an additional pole and span of overhead circuit, an additional charge per pole:

Prior to January 1, 1974	\$2.45
After January 1, 1974	\$4.82

For installation on existing poles but requiring an extension of the secondary supply circuit, and additional charge per overhead span: \$1.07

**APPLICABLE RIDERS:**

The charges included with the applicable riders as designated on the Summary Rider, Tariff Sheet 80 shall be added to the Rates and charges set forth above.

**OWNERSHIP & MAINTENANCE:**

All lighting equipment shall remain the property of the Company. All service and necessary maintenance will be performed only during the regular working hours of the Company.

**CHANGES IN NUMBER, SIZE, TYPE OR LOCATION:**

Activities related to the alteration or removal of existing private outdoor lighting equipment are not included as part of normal maintenance. Such activities include, but are not limited to, removal of a lamp, luminaire, bracket, and/or pole, or installation of a luminaire shield. All such requests shall be made in writing by the customer. The Company will supply the customer with a written estimate of charges prior to the start of work.

**PRIVATE OUTDOOR LIGHTING SERVICE - (RATE "POL")**

**GENERAL RULES:**

The customer shall assume risk of loss or damage to equipment and property installed in connection with the lighting system. The Company may correct hazardous conditions affecting the safety of the public and the customer shall pay expenses incurred by the Company for repairs to equipment owned by the customer.

The customer shall inform the Company in writing of any reductions to existing unmetered load associated with a customer's outdoor lighting account at least 30 days prior to the anticipated date of change

No reduction in billing shall be allowed for lamp outages.

The rates contained herein are for continuous use of the facilities and are not applicable to seasonal usage.

**ELECTRIC SERVICE REGULATIONS:**

The Company's Electric Service Regulations shall apply to the installation and use of electric service.

**PARTIAL SERVICE RATE "GS-15"**

**APPLICABILITY:**

Applicable to any Customer with non-synchronous or synchronous, which does not qualify for the Net Metering Rider, electric generation equipment having been established as a Qualifying Facility, or who requires partial service from the Company as back-up, or as a partial electric requirement to another electric source.

**RATE:**

**Capacity Reservation Charge:**

Per kVA of Capacity Reservation  
Per billing Period  
Per Voltage Classification

	<u>Transmission</u> 138 kV and Above	<u>Subtransmission</u> 23 - 34.5 - 69KV	<u>Distribution</u> 4.16 - 12.47 kV
<u>Transmission &amp; Distribution Charge:</u> All kW, per kW	\$1.46	\$2.18	\$2.96
<u>Generation Charge:</u> All kW, per kW	\$1.56	\$1.71	\$1.76

**Demand Charge:**

Whenever the Customer utilizes Supplemental, Back-up or Maintenance power, the demand will be charged as indicated below:

a. Supplemental Demand

The Demand Charge found in the applicable Standard Tariff shall be used to calculate the monthly billing charge for Supplemental power.

b. Back-Up Demand

The Customer shall have the option of either Method A or Method B, below, as the method under which Back-Up Demand shall be calculated. Sixty days prior to the initial one-year contract period, and at least 60 days prior to each succeeding annual period, the Customer shall specify the method chosen. That method shall apply for the full contract period.

**PARTIAL SERVICE RATE "GS-15"**

Method A:

The Demand Charge found in the appropriate, applicable Standard Tariff shall be used to calculate the billing period charge for Back-up Demand.

The Capacity Reservation charge for the billing period shall be reduced to the extent that Back-Up Demand, under Method A, is used during the billing period.

Method B:

The billing period Demand Charge for Back-Up Power shall be determined by use of daily demand, and will use the appropriate following rate based on service voltage level classification:

<u>Transmission</u>	<u>Subtransmission</u>	<u>Distribution</u>
(138 kV and Above)	(23 - 34.5 - 69 kV)	(4.16 - 12.47 kV)
<u>\$ 0.73</u>	<u>\$ 0.78</u>	<u>\$ 0.83</u>
per kVA per day	per kVA per day	per kVA per day

The above charges consist of ancillary service charges from the applicable Rate Schedule and generation.

Method B is applicable no more than fifteen days a year. If in any billing period the use of Backup Power exceeds fifteen days, the Customer will be billed under Method A for the billing period. The fifteen days in that billing period would not count toward the annual limitation.

Determination of the daily Demand Charge shall be the maximum daily Back-Up Demand times the appropriate above rate. The billing period charge for Back-Up Demand shall be the sum of the billing period's daily Demand Charges.

Off-Peak Provision for Method B

If the customer's daily peak demand occurs during off-peak hours, the Billing Demand will be the highest off-peak demand less three-fourths (3/4) of the difference between the highest off-peak demand and the highest onpeak demand for that day.

For purposes of this calculation, off-peak hours are all hours in each day, except the hours between 0800 hours (8:00 a.m.) and 2000 hours (8:00 p.m.), Monday thru Friday, excluding legal holidays specified as exempt by the Company. These holidays are New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day, and Mondays which are legally designated as a day of observance in lieu of the above holidays when they occur on weekend days. For limited periods, additional days and hours may be considered off-peak at the option of the Company.

c. Maintenance Demand

Fifty percent of the demand charge found in the appropriate, applicable Standard Tariff shall be used and prorated based on the number of days that Maintenance Power was used during the billing period.

**PARTIAL SERVICE RATE "GS-15"**

**Energy Charge:**

The charge for energy provided by the Company for Supplemental, Back-Up (Method A), and Maintenance Power shall be that found in the appropriate, applicable Standard Tariff.

The energy charge for Back-Up Power (Method B) shall be 0.49¢ per kWh. This cost recovery will be split between RTC and RSC in proportion to RTC and RSC charges in the applicable Rate Schedule.

**Emergency Power:**

Emergency Power Service can only be obtained from the Company. The following charges apply under this schedule:

Demand Charge per kVA per billing period	\$ 26.60
Energy Charge per kWh per billing period	\$0.146

The Demand Charge will consist of transmission, distribution and generation charges in the same proportion as the Capacity Reservation Charge. The Energy Charge will consist of the RTC and RSC from the appropriate applicable Standard Tariff and generation charges.

**Customer Charge:**

The Customer Charge shall be \$95.50 per month.

**BACK-UP POWER MAXIMUM CHARGE:**

The maximum billing period charge for Back-Up Power shall be those charges for service which would be billed under the appropriate applicable Standard Tariff.

If Back-Up Power is used during the billing period, the billing period charge for Capacity Reservation shall be reduced, to the extent that Back-Up Demand is used.

**MINIMUM CHARGE:**

The monthly minimum charge shall be the sum of the Capacity Reservation charge multiplied by the Capacity Reservation, plus the Customer Charge, plus the minimum charges of any applicable Standard Tariffs.

**RIDERS:**

Except as otherwise noted, the Rates and charges specified above shall be modified in accordance with the applicable Standard Tariff Riders, except for the Net Energy Metering Rider, in effect plus a fuel charge of 1.3371¢ per kWh. The fuel charge is cost recovery and will be split between RTC and RSC in proportion to RTC and RSC charges in the applicable Rate Schedule.

**APPLICABLE RIDERS:**

Rates and charges specified above shall be modified in accordance with provisions of the following applicable Riders in the order shown.

Universal Service Rider	Rider No. 11
Temporary Rider for EEF	Rider No. 12
State and Local Tax Rider	Rider No. 13
Fuel Rider	Rider No. 25
Fuel Cost Recovery Rider	Rider No. 27

**PARTIAL SERVICE RATE "GS-15"**

**DETERMINATION OF PARTIAL SERVICE:**

Partial Service Capacity shall be established by the Customer and the Company prior to receiving service under this schedule.

The Customer may request a time dependent Partial Service Capacity level, subject to Company acceptance. The Customer must submit a supply profile for each capacity source sixty (60) days prior to the contract period. The Company has thirty days within which to make any reasonable modifications.

In the event the Customer's alternate supply exceeds the presubmitted supply profile, the Partial Service Capacity will be reestablished at the new supply level for that and comparable time periods, and shall be in effect for the remainder of the contract period, unless otherwise altered hereunder.

In the event the Customer installs additional generating equipment, or the metered Back-Up, Maintenance or Emergency demand in any billing period exceeds the Partial Service Capacity, the Partial Service Capacity shall be reestablished at the new level and remain in force for the remainder of the contract period, unless otherwise altered hereunder.

**DETERMINATION OF CAPACITY RESERVATION:**

The Capacity Reservation demand shall be specified sixty (60) days in advance of the initial contract period by the Customer and shall be equal to the amount of Customer owned generation or capacity from another electric source for which the Customer desires Back-Up capacity.

In the event the customer requires Emergency power to be supplied by the Company, the Capacity Reservation deemed contracted for thereafter shall be increased by an amount equal to the net demonstrated usage determined by the amount of Emergency power supplied.

The Capacity Reservation shall be in force for the remainder of the contract period, unless otherwise altered hereunder.

**CONTRACT PROVISIONS:**

The contract period is defined as a one year period and service under this schedule shall be a one-year term and self-renewing for annual periods thereafter. Unless otherwise authorized by the Company, the Customer may cancel service being provided hereunder upon written notice to the Company, received at least sixty (60) days prior to the end of any contract period.

The Capacity Reservation or Partial Service Capacity may be adjusted during any annual term, upon written request by the Customer, subject to the approval of the Company.



**PARTIAL SERVICE RATE "GS-15"**

**MAINTENANCE POWER SCHEDULE:**

Maintenance Power shall be supplied under the applicable Standard Tariff, as determined by the Company using the requested level of maintenance demand, and such power shall be provided only on a prescheduled basis. At no time shall the requested Maintenance demand be more than the Partial Service Capacity.

Maintenance Power will be available for up to four weeks per calendar year per generating unit. Of these twenty-eight days, the Customer will be permitted up to two consecutive days of Maintenance power, only during off-peak periods, during each of the summer billing periods. A maintenance day shall constitute any 24 consecutive hour period in which Maintenance power is scheduled. Sixty days (60) prior to the initial one-year contract period, and at least sixty (60) days prior to each succeeding annual period, a maintenance schedule shall be presented to the Company by the Customer. Customers with multiple generating units shall present a maintenance schedule for each unit, and shall specify the level of maintenance demand for each unit. The Company reserves the right to modify the maintenance schedule. Any modifications by the Company must be made with reason within 30 days after the annual maintenance schedule is presented by the Customer.

The Customer may request an adjustment in a scheduled maintenance outage up to three weeks prior to previously scheduled dates. Adjusted dates must be within one week of the previously scheduled dates and shall result in a scheduled outage of the same seasonal and daily characteristics, time and duration as the previously scheduled maintenance outage. Company approval, or disapproval with reason, for such adjustment shall be given within one week of such request.

The Company may cancel a scheduled maintenance outage with reason at any time with seven (7) days notice prior to the beginning of a scheduled maintenance outage if conditions on the Company's system warrant such a cancellation. Such notification of cancellation shall state the reasons for such cancellation. Summer Maintenance power can be canceled by the Company within two days of such dates with reason. Scheduled maintenance outage(s) canceled by the Company shall be rescheduled subject to the mutual agreement of the Customer and the Company.

**TERMS AND CONDITIONS:**

- (1) All terms and conditions, and any other provision not specifically mentioned in this tariff, shall conform to those of the applicable Standard Tariff.
- (2) A Time-of-Day demand meter and a watt-hour meter, equipped with a detent to prevent reverse rotation, shall be used to measure the energy being supplied by the Company to the Customer. A Time-of-Day demand meter and a watt-hour meter, equipped with a detent to prevent reverse rotation, shall be installed to measure the energy provided to the Customer from sources other than the Company. The Customer's monthly electric bill shall be calculated by using measurements obtained from these meters.
- (3) Supplemental power will be calculated by measuring the total capacity and energy that is provided to the Customer by the Company less any Back-up, Emergency or Maintenance power provided to the Customer by the Company. Supplemental power shall be supplied to any Customer under the Company's appropriate, applicable Standard Tariff in effect at the time of service.

The level of firm power requested by the Customer shall determine the appropriate, applicable Standard Tariff.

**PARTIAL SERVICE RATE "GS-15"**

**TERMS AND CONDITIONS (continued):**

- (4) The Customer shall be provided Back-up power during periods of unscheduled outages, but such power shall not exceed the level of the Customer's Partial Service Capacity. Should recorded demand exceed the level of the Capacity Reservation, the additional demand shall be charged at the Emergency Services Demand and Energy Charge. Back-up Power shall be supplied under the Company's appropriate, applicable Standard Tariff in effect at the time of providing service. The level of Capacity Reservation Power requested by the Customer shall determine the appropriate, applicable Standard Tariff. At no time shall the level of Back-up power be used to establish demand levels for Supplemental power.
- (5) Maintenance power shall be supplied to a Partial Service Customer under the appropriate, applicable Standard Tariff in effect at the time of providing service, as determined by the Customer's requested level of Maintenance Demand, and shall be provided on a scheduled basis. At no time will the level of Maintenance Power be used to establish demand levels for Supplemental Power.
- (6) Emergency Power shall be supplied, subject to availability and when there will be no detriment to system service reliability, to a Customer who does not contract with the Company for Capacity Reservation, or for any level of demand that exceeds such Capacity Reservation. At no time will the level of Emergency Power be used to establish levels for Supplemental Power.

**GENERAL RULES:**

- (1) All Customers shall comply with applicable national, state and local codes, standards and regulations.
- (2) All Customers shall comply with the provisions of this schedule, as well as the Company's General Rules and Regulations. The Company reserves the right to refuse or to terminate service under this schedule upon finding that the alternative energy supply will not be installed or is not operating in compliance with this schedule.
- (3) The Customer agrees to be legally responsible for any damage to the Company's facilities resulting from the alternate electrical source or operation of the Customer's generating equipment. The Customer also agrees to indemnify the Company and save it harmless from all damages, costs, claims and expenses to the Company, its employees, successors and assigns, or to any third party arising out of, or related to, the operation of the Customer's generator and equipment associated with the connection of the said equipment to the Company's system, except where such damages, costs, claims and expenses have been occasioned by the sole negligence of the Company, its agents or employees. The Company shall require proof of adequate insurance or bond.

**PARTIAL SERVICE RATE "GS-15"**

**SPECIAL RULES:**

- (1) The Customer's generating equipment must produce a 60 hertz sine wave output, with distortion at a level which is within applicable industry standards, at a voltage compatible with the Company's service voltage at the customer's service location.
- (2) The Customer shall provide the proper electrical devices to disconnect, without intentional time delay, its generating equipment from the Company's system in the event of a supply outage or a supply circuit failure. A manual disconnection device, capable of being padlocked by the Company, must be provided. The Company shall have access to such equipment at all times and be the sole judge of whether any safety or operating hazards exist.
- (3) The Customer will provide the Company with manufacturer's literature describing the electrical characteristics and operation of the proposed generator and associated equipment. The Company shall have the right to refuse connection of any device which it finds incompatible with its electric system.
- (4) The Customer shall pay all Interconnection costs.
- (5) The Customer shall perform and bear all costs associated with maintenance work required for interconnection equipment.
- (6) Sixty (60) days prior to making any changes or modifications to its equipment which materially impacts operation, the Customer shall notify the Company in writing.
- (7) At the time that a Customer permanently ceases operation, all equipment which was necessary to permit interconnected operations, shall be promptly removed. All costs incurred with the removal shall be borne by the Customer.
- (8) Recording meters as specified by the Company shall be installed on the Customer's generating unit(s) at the Customer's expense. All metering equipment shall remain the property of the Company.
- (9) The Company may enter into Individualized agreements with Customers which may deviate from this schedule. Such agreements shall address those significant characteristics of service and cost which would influence a need for an individualized agreement such as, but not limited to the following:
  - a. The ability of the partial service customer to accept interruptible service under back-up conditions;
  - b. Whether the arrangement allows for long term utility planning of least cost capacity availability;
  - c. Whether there is sufficient local facility capacity to serve the load;
  - d. Whether there is sufficient substation capacity to serve the load;
  - e. Whether there is sufficient transmission and generating capacity to serve the load.
- (10) The Company will allow up to a four (4) hour grace period for the Customer to bring its alternative supply back on line in the event of a Company-caused outage of the alternative supply. Upon written notice and proof within ten (10) days by the Customer that a Company service interruption caused such outage, the Company will supply partial service to the Customer through the Supplemental service provisions. This service will continue until restoration of the alternative supply is established but not for longer than four hours after reestablishment of Company service.

**PARTIAL SERVICE RATE "GS-15"**

**DEFINITIONS:**

"Qualifying Facility" means a co-generation facility or a small power production facility which is a Qualifying Facility under Subpart 5 of FERC 18 CFR Part 292.

"Sale" means the sale of electric energy or capacity or both by the Company to a Customer under the Partial Service Tariff.

"Interconnection costs" means the reasonable costs incurred by the Company directly related to the installation and maintenance of the physical facilities necessary to permit interconnected operations with a Customer under the Partial Service Tariff to the extent such costs are in excess of the corresponding costs which the Company would have incurred if it had not engaged in interconnection operations, but instead generated an equivalent amount of electric energy itself or purchased an equivalent amount of electric energy or capacity from other sources. Interconnection costs include, but are not limited to, the cost of connection, switching, metering, transmission, distribution, safety provisions and administrative costs. Interconnection costs do not include any costs included in the calculation of avoided costs.

"Supplemental power" means electric energy or capacity or both supplied by the Company regularly used by a Partial Service Customer, in addition to that which the Customer acquires from alternate sources or generates itself.

"Back-up power" means electric energy or capacity supplied by the Company, to replace energy ordinarily obtained by the Customer from other sources or produced by the Customer's generating facility, during an unscheduled outage.

"Maintenance power" means electric energy or capacity supplied by the Company during scheduled outages of the Customer's generating equipment or alternate electric supply.

"Emergency power" means Company supplied electric energy or capacity to a Customer served under the Partial Service Tariff who does not purchase Capacity Reservation Power in an amount sufficient to meet its needs during the period of an unscheduled outage.

"Excitation power" means Company supplied electric energy or capacity required by the Customer served under the Partial Service Tariff to energize generation equipment, transformers and other Customer equipment.

"Capacity Reservation" means the level of demand the Customer contracts for on a monthly basis from the Company and shall be that amount up to or equal to the amount of Customer-owned generation or capacity from another electric source.

"Partial Service Capacity" means that capacity expected to be achieved by the alternate source of electrical supply as determined by, but not limited to, such indicators as nameplate rating of equipment, alternate power supply agreements, transformer or line limitations, or net demonstrated capability.

"Billing Period" or "billing period" means the monthly period over which the Company normally applies its rates and tariffs.

"Full Service Tariff" means the firm power rate tariffs contained in the Company's Schedule of Rates, Rules and Regulations for Electric Service, P.U.C.O. No. 8.

**Residential Renewable Energy Credit Purchase Program**

**AVAILABILITY:**

Available to individual residential customers of Company where:

- 1) Customer is a residential customer that owns or leases a customer-sited renewable energy project in the State of Ohio that has been certified and approved by the Public Utilities Commission of Ohio (the "Project") that meets the criteria listed herein.
- 2) Customer and the Company have signed and completed the Company's Interconnection document.
- 3) Customer has signed and completed all the required documents of, and received approval from the Company to participate in, the Company's Net Energy Metering Rider.
- 4) Customer and the Company has signed and completed the Second Amended Residential Renewable Energy Credit Purchase Program Agreement which was approved by The Public Utilities Commission of Ohio in Case No. 09-551-EL-UNC that contain terms and conditions and the pricing mechanisms to determine the purchase price associated with this Residential Renewable Energy Credit Purchase Program (the "Program").

**CRITERIA:**

The Project shall meet the following criteria:

- 1) Project must have a placed-in-service date of January 1, 1998, or after, and meet the definition of "Renewable Energy Resource" as defined in R.C. § 4928.01(A); and
- 2) Project must be able to generate at least one (1) megawatt hour annually and be interconnected to the Company's energy delivery system.
- 3) Project must have a meter that meets the standard set forth in Ohio Administrative Code 4901:1-10 provided by the customer, at the customer's own cost and expense, on the output of the inverter if applicable, where kilowatt hours consist solely from the Project's generation can be measured and verified. This requirement is waived if the existing utility meter has the incremental functionality described above to measure and verify the kilowatt hour output of the Customer Project.
- 4) Project must be attached as a permanent fixture at the customer's property (service address) during the term of the contract.
- 5) Renewable energy delivered from a renewable energy resource project shall be calculated by reading the output of the meter at two different points of the year (i.e. January 1 to December 31). Customer must provide documentation evidencing the initial meter reading.

**RECOVERY:**

All reasonable costs associated with the administration of this Program and the purchase of renewable energy credits shall be recovered through the Companies' Alternative Energy Resource Rider (AER).

**COGENERATION AND SMALL  
POWER PRODUCER RATE CO-1**

**APPLICABILITY:**

Available to any qualifying facility (QF) on the lines of Toledo Edison Company (The Company) with a design capacity of 100 kW or less for the sale of electricity to the Company at a single interconnection point. A QF shall be defined by and meet the requirements of the Public Utility Regulatory Policies Act of 1978, Title 18 Code of Federal Regulations Section 292.

**RATE:**

**(a) Energy**

- (1) Kilowatt-Hour Meter. When a kilowatt-hour meter is used, the energy supplied by the QF shall be purchased by the Company at the avoided energy cost calculated by the Company for the appropriate off-peak period.
- (2) Time of Day Meter. When time of day metering is used, energy supplied by a QF shall be purchased by the Company at the avoided energy cost for the time period in which the energy was supplied.
- (3) Rates. The rates for avoided energy based on on-peak delivery time shall be 1.60¢/KWH in the Summer and 1.70¢/KWH in the Winter. That based on off-peak delivery time shall be 1.20¢/KWH in the Summer and 1.40¢/KWH in the Winter. On-peak hours are 8 a.m. to 8 p.m., weekdays. Off-peak hours are 8 p.m. to 8 a.m. weekdays plus all hours on weekend days and holidays. Summer includes June, July, August and September. Winter includes January through May and October through December.

**(b) Reactive Power**

The Company may, at its option, test or meter the reactive power used or produced by the QF. The maximum RKVA used shall be billed to the customer at \$.48 per RKVA per month.

**(c) Customer Charge**

- (1) Kilowatt-Hour Meter. When a kilowatt-hour meter is used, the monthly customer charge shall be \$5.90.
- (2) Time of Day Meter. When a time of day meter is used, the monthly customer charge shall be \$40.80.

**INTERCONNECTION CHARGE:**

The QF shall pay the costs of connection, switching, metering, transmission, distribution, safety provisions and administrative costs incurred by the electric utility directly related to the installation and maintenance of the physical facilities necessary to permit interconnected operations with qualifying facility, to the extent such costs are in excess of the corresponding costs which the electric utility would have incurred if it had not engaged in interconnected operations. Costs for the transmission of energy for the qualifying facility shall be in accordance with the Company's FERC Open Access Transmission Tariff.

A QF, at its option, may reimburse the Company for interconnection costs over a period not to exceed thirty-six months including interest computed at 1.5% monthly on the unpaid balance.

**COGENERATION AND SMALL  
POWER PRODUCER RATE CO-1**

**ANCILLARY SERVICES:**

Supplementary power, back-up power, interruptible power and maintenance power shall be supplied to a QF under the Company's standard rate schedules now on file with the Public Utilities Commission of Ohio, unless the use of these schedules impairs the electric utility's ability to render adequate service or places an undue burden on the electric utility.

**DEFINITIONS:**

(a) **Time Periods**

- (1) On-Peak Periods. The on-peak periods shall be the hours from 8:00 a.m. to 8:00 p.m. on weekdays, except holidays.
- (2) Off-Peak Periods. The off-peak periods shall be the hours from 8:00 p.m. to 8:00 a.m. on weekdays, plus all hours on weekends and holidays.
- (3) Time periods will be determined by clock time (standard or daylight) in effect in the Eastern Time Zone.
- (4) Holidays. Holidays are New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day, and Mondays which are legally designated as a day of observance in lieu of the above holidays when they occur on weekend days.

(b) **Avoided Energy Costs**

Avoided energy costs means the incremental cost to the Company of generating electric energy or purchasing electric energy from another source that was avoided due to the purchase from qualifying facilities. Incremental cost includes fuel, fuel and ash handling and incremental maintenance costs.

(c) **Ancillary Services**

- (1) "Supplementary Power" means electric energy or capacity supplied by an electric utility, regularly used by a qualifying facility in addition to that which the facility generates itself.
- (2) "Back-up Power" means electric energy or capacity supplied by an electric utility to replace energy ordinarily generated by a facility's own generation equipment during an unscheduled outage of the facility.
- (3) "Interruptible Power" means electric energy or capacity supplied by an electric utility subject to interruption by the electric utility under specified conditions.
- (4) "Maintenance Power" means electric energy or capacity supplied by an electric utility during scheduled outages of the qualifying facility.

**TERMS AND CONDITIONS:**

All QFs shall comply with applicable, national, state and local electric codes. All QFs shall comply with Company rules and regulations listed in this tariff as well as the Standard Rules and Regulations on file with the Public Utilities Commission of Ohio.

**COGENERATION AND SMALL  
POWER PRODUCER RATE CO-1**

At the delivery point, a disconnect switch shall be installed by the customer and operated by the Company to permit isolation of the QF from the Company's system during periods of abnormal operation. All protective equipment is installed, owned and maintained by the customer. Although design of the QF and its protective devices is not the responsibility of the Company, the Company reserves the right to inspect the facilities and their operation. If, in the judgment of the Company, the QF does not conform to rules and regulations, does not provide adequate safety to Company personnel, interferes with the supply of electric service to others, or produces undesirable harmonics or wave distortions, the Company reserves the right to refuse or terminate parallel operation of the QF with the Company's system until such condition is corrected. Parallel operation must cease immediately and automatically during system outages and other emergency conditions specified by the Company.

The Company's consent for the QF to operate in parallel with the Company's system is on the condition that the QF protects its facilities and the Company's system from damage and upon the further condition that the Company shall not be liable to the QF for any loss, cost, damage or expense which the QF may suffer by reason of damage to or destruction of any property, including the loss of use thereof arising out of, or in any manner connected with such parallel operation, unless such loss, cost, damage or expense is caused by the sole negligence of the Company, its agents, or employees. The QF will defend, indemnify and hold the Company harmless from any and all claims or actions by third parties, including attorney's fees, resulting from the operation of a QF.

The PUCO approval of the above tariff language in respect to the limitation of liability arising from the Company's negligence does not constitute a determination that such limitation language should be upheld in a court of law. Approval of the Commission merely recognizes that since it is a court's responsibility to adjudicate negligence and consequent damage claims, it should be also the court's responsibility to determine the validity of the exculpatory clause.

**TERM OF CONTRACT:**

The term of the contract shall be one year from the date of application and thereafter until terminated by ten days written notice from the customer to the Company. Any interconnection costs owed to the Company will become payable in full at the time of termination.



**MISCELLANEOUS CHARGES**

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**MISCELLANEOUS CHARGES**

**1. SAME DAY CONNECTION CHARGE**

If the customer requests service for the same day on which the request has been made and the service is presently not connected, the Company will charge the customer a fee of \$35.00. (Electric Service Regulations, Sheet 4, Section II, Paragraph E).

**2. FIELD COLLECTION CHARGE**

When a customer has a delinquent bill, the Company may make a field collection visit to attempt to collect the delinquent amount. A Field Collection charge of \$12.00 shall be applicable once per billing cycle for all collection visits made during a billing cycle by the Company to the customer's premises. (Electric Service Regulations, Sheet 4, Section XI, Paragraph B).

**3. RECONNECTION CHARGE**

When service has been disconnected for failure to comply with the terms and conditions of the Rate Schedules or Electric Service Regulations of the Company or has been disconnected at the customer's request, (other than for seasonal or temporary discontinuance of service), the following charges for reconnection of service shall apply after payment has been made and the Company was contacted:

Before 12:30 pm;		
Same day reconnection.		\$35.00
After 12:30 pm;		
Next day reconnection.		\$35.00
Same day reconnection.		\$60.00

When service has been disconnected at the customer's request because of seasonal occupancy of the premises or for a temporary discontinuance of service where the same customer has moved in and out of the same premise within a 12 month period without another party signing for service during that 12 month period, the Company will charge the customer a reconnection fee of \$15.00. (Electric Service Regulations, Sheet 4, Section II, Paragraph F).

**4. RETURNED PAYMENT CHARGE**

The Company shall charge the customer \$15.00 for processing payments that result from dishonored payment transactions. (Electric Service Regulations, Sheet 4, Section VI, Paragraph H).

**MISCELLANEOUS CHARGES**

**5. UNAUTHORIZED USE INVESTIGATION CHARGE**

In the event the customer or consumer commits or is the beneficiary of any fraudulent practice in obtaining electric service from the Company, or falsifies any service application, the Company will assess the customer a minimum fee of \$125.00 for the Company's investigation of the unauthorized use of service. The charge will also be assessed where any connection or device is found on the service entrance equipment or premises of the customer or consumer which prevents the meter from accurately registering total consumption used or to be used, or where the service entrance equipment or other property used to supply electric service has been altered to avoid accurate metering or has been damaged.

The Company will also assess the customer an estimated or actual bill representing the electric service fraudulently or falsely obtained and the actual costs to repair or replace any damaged or missing service entrance equipment or other property used to supply electric service.

**6. METER TEST CHARGE**

The Company will test a meter at the request of the customer. The first test within a 36 month period shall be at no charge to the customer. The Company shall charge \$55.00 for any subsequent tests performed at the customer's request, however, no payment will be required of the customer if the meter is found to be registering incorrectly in accordance with the tolerances specified in Chapter 4901:1-10 of the Ohio Administrative Code. (Electric Service Regulations, Sheet 4, Section IX, Paragraph C).

**7. DISCONNECTION/RECONNECTION FOR CUSTOMER WORK CHARGE**

When a customer requests the Company to disconnect and/or reconnect there will be a charge to the customer for the Company's actual cost to perform the disconnect/reconnect. This charge will not apply to residential accounts unless such work, at the request of the customer, requires work to be performed by the Company outside normal working hours.

**8. TEMPORARY SERVICE DROP CONNECTION CHARGE**

When requested by a customer, the Company will provide a Temporary Service Drop Connection for a charge to the customer of \$200. A Temporary Service Drop Connection shall mean the installation of single-phase service up to 200 amps from existing secondary conductors. (Electric Service Regulations, Sheet 4, Section VII, Paragraph A.4).

**MISCELLANEOUS CHARGES**

**9. METER SERVICE CHARGES**

Charges specified in this provision apply to customers that request the Company to install metering and to provide certain meter related services, both of which are necessary to bill the customer's account, and that otherwise are not provided by the Company. These charges are in addition to any charges included in the applicable rate schedule and must be paid by the customer prior to the Company installing the requested metering. The customer is responsible for providing communication links to the interval meter per the Company's specifications. If such a communication link is not installed by the first regularly scheduled interval meter read date, the Company may install a communication link and charge the customer on a monthly basis in accordance with charges specified in this provision.

Replace Meter with Interval Meter and Modem	\$550.00
Replace Meter with Time-of-Day Meter	\$105.00

Company installed communication link charge is \$50.00 per month.

If the Company is required to visit the meter site due to the inability to gain access to the meter location or the necessary communication link has not been installed, or the communication link is not working properly, or the Company elects to make a site visit to read the meter, a charge shall be applicable per site visit of \$50.00.

## **Interconnection Tariff**

### **Applicability**

This tariff applies to those situations where an Interconnection Service Customer seeks to physically connect such customer's electric generation facility to, and may operate it in parallel with, the Company's Distribution system, if said customer qualifies for either the Simplified, Expedited or Standard Interconnection Procedure as defined in the Ohio Administrative Code.

### **Purpose**

The purpose of this tariff is to implement Ohio Revised Code Section 4928.11, which calls for uniform interconnection standards that are not unduly burdensome or expensive and also ensure safety and reliability, to the extent governing authority is not preempted by Federal law. This Tariff states the terms and conditions that govern the Interconnection and Parallel Operation of an Interconnection Service Customer's facility with the Company's Distribution System.

Technical Requirements for Interconnection and Parallel Operation of facilities owned or operated by an Interconnection Service Customer.

Technical Requirements consist of the following: Part A contains the standardized Technical Requirements common to all Ohio Electric Distribution Utilities. Part A shall be amended as necessary to conform to adopted IEEE Standards. Part B contains the Screening Process applicable to all Interconnection Service Customer facilities. The Company shall provide upon request specific Technical Requirements necessary to fill in any gaps in Part A or for facilities that do not conform with the Part A Technical Requirements.

The Company shall maintain a copy of the Technical Requirements for Interconnection at its place of business such that the Technical Requirements are readily available to the public. The Company shall provide the Commission Staff with a copy of the Technical Requirements. Standards adopted by IEEE shall supersede the applicable provisions of the Company's Technical Requirements effective as of the date on which IEEE adopts such standards. However, any Interconnection made or initiated prior to the adoption of any national standard promulgated by IEEE shall be grandfathered. Regarding any IEEE minimum standard, or any guideline that the IEEE may promulgate, the Company may amend the Technical Requirements to the minimum extent required to address unique local conditions, and shall provide such amendments to the Staff and make such amendments available to the Interconnection Service Customers. All Technical Requirements for Interconnection, including superseding standards adopted by IEEE, are incorporated herein by reference.

### **Application Processing Fees**

Applications qualifying for Level 1, Level 1.1, or Level 1.2 simplified review procedure pursuant to 4901:1-22-06 of the Ohio Administrative Code shall be charged a fee based on the sum of all actual costs of the Company per one-tenth of an hour of time spent on the simplified review.

Applications qualifying for Level 2 expedited review process pursuant to 4901:1-22-07 of the Ohio Administrative Code shall be charged in accordance with subsections (a), (b) and (c) inclusive, that immediately follows:

- (a) An application fee of fifty dollars, plus one dollar per kilowatt of the applicants' system nameplate capacity rating.
- (b) The cost of engineering work done as part of any impact or facilities study, equal to the sum of all actual costs incurred by the Company.
- (c) The actual cost to the Company for any minor modification of the Company's system that would otherwise not be done but for the applicant's interconnection request.

Applications qualifying for Level 3 standard review procedure pursuant to 4901:1-22-08 of the Ohio Administrative Code shall be charged in accordance with subsections (a), (b) and (c) inclusive, that immediately follows:

- (a) An application fee of one hundred dollars, plus two dollars per kilowatt of the applicants' system nameplate capacity rating.
- (b) The cost of engineering work done as part of any feasibility, system impact or facilities study, equal to the sum of all actual costs incurred by the Company.
- (c) The actual cost to the Company of any modifications of the Company's system that would otherwise not be done but for the applicant's interconnection request.

#### **Construction or System Upgrades**

If the Interconnection requires construction or an upgrade of the Company's system which, save for the generation facility would not be required, the Company will assess the Interconnection Service Customer the actual cost including applicable taxes of such construction or upgrade. Payment terms for such construction or upgrade will be agreed to and specified in the construction contract. The Company and the Interconnection Service Customer may negotiate for alternatives in order to reduce any costs or taxes applicable thereto.

#### **Other Terms and Conditions**

The customer and the Company shall be subject to the interconnection-related rules set forth in Sections 4901:1-22-01 et seq. of the Ohio Administrative Code, as amended from time to time. Said rules are incorporated herein by reference. In the event that there is any conflict between the terms and conditions set forth in this Tariff and those set forth in said rules, the latter shall control.

**SUMMARY RIDER**

Rates and charges included in the rate schedules listed in the following matrix shall be modified consistent with the terms and conditions of the indicated Riders:

Rider - (Sheet)	Rate Schedule							
	RS	GS	GP	GSU	GT	STL	TRF	POL
Q Advanced Metering Infrastructure / Modern Grid - (106)	●	●	●	●	●	●	●	●
Q Alternative Energy Resource (***) - (84)	●	●	●	●	●	●	●	●
Business Distribution Credit - (86)		●	●		●			
Deferred Fuel Cost Recovery - (118)	●	●	●	●	●	●	●	●
A Deferred Generation Cost Recovery - (117)	●	●	●	●	●	●	●	●
Q Delivery Capital Recovery - (124)	●	●	●	●				
Delivery Service Improvement - (108)	●	●	●	●				
Q Delta Revenue Recovery - (96)	●	●	●	●	●	●	●	●
T Demand Side Management - (97)	●							
T Demand Side Management and Energy Efficiency - (115)	●	●	●	●	●	●	●	●
Q Distribution Uncollectible - (99)	●	●	●	●	●	●	●	●
Q Economic Development (***) - (116)	●	●	●	●	●	●	●	●
Economic Development 4a - (88)		●	●	●	●			
Economic Load Response Program - (101)			●	●	●			
Experimental Critical Peak Pricing - (113)		●	●	●	●			
Experimental Real Time Pricing - (111)		●	●	●	●			
Fuel - (105)	●	●	●	●	●	●	●	●
Q Generation Cost Reconciliation (***) - (103)	●	●	●	●	●	●	●	●
Generation Service (***) - (114)	●	●	●	●	●	●	●	●
Hospital Net Energy Metering - (87)		●	●	●	●			
Q Line Extension Cost Recovery - (107)	●	●	●	●	●	●	●	●
Net Energy Metering - (93)	●	●	●	●	●			
Q Non-Distribution Uncollectible (***) - (110)	●	●	●	●	●	●	●	●
A Non-Market-Based Services - (119)	●	●	●	●	●	●	●	●
P Non-Residential Deferred Distribution Cost Recovery - (121)		●	●	●	●	●	●	●
Optional Load Response Program - (102)			●	●	●			
Q PIPP Uncollectible - (109)	●	●	●	●	●	●	●	●
Reasonable Arrangement - (98)		●	●	●	●			
P Residential Deferred Distribution Cost Recovery - (120)	●							
Residential Distribution Credit - (81)	●							
T Residential Electric Heating Recovery - (122)	●							
Residential Generation Credit - (123)	●							
School Distribution Credit - (85)		●	●	●				
State kWh Tax - (92)	●	●	●	●	●	●	●	●
A Transmission and Ancillary Services - (83)	●	●	●	●	●	●	●	●
P Universal Service - (90)	●	●	●	●	●	●	●	●

● - Rider is applicable or available to the rate schedules indicated

A - Rider is updated/reconciled annually

T - Rider is updated/reconciled twice per year

Q - Rider is updated/reconciled quarterly

P - Rider is updated/reconciled periodically

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**SUMMARY RIDER**

**PIPP CUSTOMER DISCOUNT:**

Customers who participate in the Percentage of Income Payment Plan (PIPP) program shall receive a six (6) percent discount off of the otherwise applicable Price to Compare (PTC). A customer's PTC is the total of the above referenced applicable Riders (those denoted by "(\*\*\*)") per billing period. This discount shall remain in effect through May 31, 2014.



**RIDER RDC**  
**Residential Distribution Credit**

**APPLICABILITY:**

Applicable to any customer taking service under Rate Schedule RS who took service from the Company under one of the following rate schedules as of January 1, 2007, or any subsequent customer at that same service address, who continues to comply with the requirements of the previously applicable rate schedule set forth below, excluding customers who began service from the Company subsequent to January 22, 2009 who otherwise would qualify for service under this Rider on the basis of service identified as "Original Sheet No. 15" or "Original Sheet No. 16" below:

Residential Rate "R-02" (Add-On Heat Pump)	Original Sheet No. 11
Residential Rate "R-06" (Space Heating and Water Heating)	Original Sheet No. 13
Residential Rate "R-06a" (Space Heating and Water Heating)	Original Sheet No. 14
Residential Rate "R-04" (Water Heating)	Original Sheet No. 15
Residential Rate "R-04a" (Water Heating)	Original Sheet No. 16
Residential Rate "R-07" (Space Heating)	Original Sheet No. 17
Residential Rate "R-07a" (Space Heating)	Original Sheet No. 18
Residential Rate "R-09" (Apartment Rate)	Original Sheet No. 19
Residential Rate "R-09a" (Apartment Rate)	Original Sheet No. 20

**RATE:**

A customer's distribution charges as set forth in Rate Schedule RS shall be reduced by 1.76¢ per kWh for all kWhs in excess of 500 kWhs consumed by the customer during each winter billing period, as defined in the Electric Service Regulations, Tariff Sheet 4, Section VI.I.1., Seasonal Price Changes.

**RIDER TAS**  
**Transmission and Ancillary Services Rider**

**APPLICABILITY:**

Applicable to any customer who receives electric service under the Company's rate schedules.

**PURPOSE:**

The Transmission and Ancillary Services Rider (TAS) will recover all transmission and transmission-related costs, including ancillary and congestion costs, imposed on or charged to the Company by FERC or a regional transmission organization, independent transmission operator, or similar organization approved by FERC.

**RATE:**

For the time period of January 1, 2010 through December 31, 2010, the TAS2 charge for each rate schedule shall be calculated as follows:

$$TAS2 = \left( \frac{TAC - E}{BU} \right) \times \left( \frac{1}{1 - CAT} \right)$$

Where:

**TAC** = The amount of the Company's total projected Transmission and Ancillary Services-related costs for the Computation Period, allocated to each rate schedule.

The Computation Period over which TAS2 will apply shall be January 1 through December 31, 2010.

**E** = The net over- or under-collection of the TAC, including applicable interest, invoiced during the 12-month period ending September 30 of the year immediately preceding the Computation Period, allocated to rate schedules.

**BU** = Forecasted billing units for the Computational Period for each rate schedule.

**CAT** = The Commercial Activity Tax rate as established in Section 5751.03 of the Ohio Revised Code.

The balance remaining as of December 31, 2010 in TAS2 shall be carried forward into TAS1.

The TAS1 charges are not applied to customers during the period the customer takes electric generation service from a certified supplier.

The TAS2 charges are not avoidable for customers who take electric generation service from a certified supplier during the period January 1, 2010 through December 31, 2010.

**RIDER TAS**  
**Transmission and Ancillary Services Rider**

For the time period beginning January 1, 2011, the TAS1 charge for each rate schedule shall be calculated as follows:

$$TAS1 = \frac{TAC - E}{BU} \times \frac{1}{1 - CAT}$$

Where:

**TAC** = The amount of the Company's total projected Transmission and Ancillary Services-related costs for the Computation Period, allocated to each rate schedule.

The Computation Period over which TAS1 will apply shall be January 1 through December 31 of each year.

**E** = The net over- or under-collection of the TAC, including applicable interest, invoiced during the 12-month period ending September 30 of each year that immediately precedes the Computation Period, allocated to rate schedules.

**BU** = Forecasted billing units for the Computational Period for each rate schedule.

**CAT** = The Commercial Activity Tax rate as established in Section 5751.03 of the Ohio Revised Code.

The TAS1 charges are not applied to customers during the period the customer takes electric generation service from a certified supplier.

The TAS2 charges are not avoidable for customers who take electric generation service from a certified supplier during the period January 1, 2010 through December 31, 2010.

**RIDER TAS**  
**Transmission and Ancillary Services Rider**

**TAS charges:**

The following charges will apply, by rate schedule, effective for service rendered beginning January 1, 2010:

	<u>TAS1</u>	<u>TAS2</u>
RS (all kWhs, per kWh)	0.0000¢	(0.1175)¢
GS* (per kW of Billing Demand)	\$ 0.0000	\$ (0.3125)
GP* (per kW of Billing Demand)	\$ 0.0000	\$ (0.3273)
GSU (per kVa of Billing Demand)	\$ 0.0000	\$ (0.4598)
GT (per kVa of Billing Demand)	\$ 0.0000	\$ (0.3046)
STL (all kWhs, per kWh)	0.0000¢	(0.0415)¢
TRF (all kWhs, per kWh)	0.0000¢	(0.0415)¢
POL (all kWhs, per kWh)	0.0000¢	(0.0415)¢

\* Separately metered outdoor recreation facilities owned by non-profit governmental and educational institutions, such as athletic fields, served under Rate GS or GP, primarily for lighting purposes, will be charged per the TAS charge applicable to Rate Schedule POL.

**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on an annual basis. The TAS Rider will be filed with the Public Utilities Commission of Ohio on or before October 18 of each year and be effective for service rendered January 1 through December 31 of the subsequent year, unless otherwise ordered by the Commission.

The TAS2 charges of this Rider shall no longer be applied as of service rendered beginning September 10, 2010, pending final reconciliation of the costs authorized by the Commission's December 16, 2009 Finding and Order issued in Case No. 09-968-EL-ATA.

**RIDER AER**  
**Alternative Energy Resource Rider**

**APPLICABILITY:**

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charges will apply, by rate schedule, effective for service rendered beginning October 1, 2011, for all kWhs per kWh:

**RATE:**

RS	0.3815¢
GS	0.3815¢
GP	0.3683¢
GSU	0.3579¢
GT	0.3576¢
STL	0.3815¢
TRF	0.3815¢
POL	0.3815¢

**PROVISIONS:**

The charges set forth in this Rider recover costs incurred by the Company associated with securing compliance with the alternative energy resource requirements in Section 4928.64, Revised Code. The costs initially deferred by the Company and subsequently fully recovered through this Rider will be all costs associated with securing compliance with the alternative energy resource requirements including, but not limited to, all Renewable Energy Credits costs, any reasonable costs of administering the request for proposal, and applicable carrying costs.

**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company shall file with the PUCO a request for approval of the rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year, beginning October 1, 2009.

**RIDER SDC**  
**School Distribution Credit Rider**

**APPLICABILITY:**

Applicable to any public school district building that is not taking service under the Company's Business Distribution Credit Rider (BDC), or under a contract pursuant to 4905.31, Revised Code or 4905.34, Revised Code and that either: 1) was served under the Company's Energy for Education II program on December 31, 2008, or 2) is a new public school district building in a school district that was served under the Company's Energy for Education II program on December 31, 2008 of which fifty-percent (50%) or more of the total square footage of such building is used for classroom-related purposes including any such building that is a mobile unit or temporary structure.

Customer buildings qualifying for service under this rider may opt-out upon written request in order to take service under the Company's Rider BDC. Such customer buildings opting out may not return to service under this rider for a period of one year. Should Rider BDC be terminated or withdrawn, such customer buildings may return to service under this rider as soon as practical anytime subsequent to such termination upon written request of the customer and so long as this rider remains in effect.

**RATE:**

The sum of distribution charges specified in Company's General Service - Secondary ("Rate GS"), General Service Primary ("GP"), or General Service - Subtransmission ("GSU") rates including all applicable riders as approved in and consistent with Case Number 07-551-EL-AIR, shall be reduced by 8.693 percent.

**RIDER BDC**  
**Business Distribution Credit**

**APPLICABILITY:**

Applicable to any customer taking service under Rate Schedules GS, GP or GT who on January 22, 2009 took service from the Company under one of the following rate schedules and has not had a change of service address or a change to qualifying conditions subsequent to January 22, 2009. Qualifying conditions are those in effect in the below rate schedules as they existed on December 31, 2008 and continues to comply with the requirements of the previously applicable rate schedule set forth below:

General Service Electric Space Conditioning Rate "GS-1"	Original Sheet No. 47
Optional Electric Process Heating and Electric Boiler Load Management "GS-3"	Original Sheet No. 48

**RATE:**

A customer's distribution charges as set forth in Rate Schedule GS shall be reduced by 1.50¢ per kWh for all kWhs consumed by the customer during winter billing periods, as defined in the Electric Service Regulations, Tariff Sheet 4, Section VI.I.1., Seasonal Price Changes.

A customer's distribution charges as set forth in Rate Schedules GP and GT shall be reduced by 0.50¢ per kWh for all kWhs consumed by the customer during winter billing periods, as defined in the Electric Service Regulations, Tariff Sheet 4, Section VI.I.1., Seasonal Price Changes.

**RIDER HNM**  
**Hospital Net Energy Metering Rider**

**AVAILABILITY:**

Available to qualifying Hospitals having self-generation equipment located on the Hospital's premises that operates in parallel with the Company's facilities ("net metering system") pursuant to RC 4928.67 (A)(2). "Hospital" is defined as public health centers and general, mental, chronic disease, and other types of hospitals and related facilities, such as laboratories, outpatient departments, nurses' home facilities, extended care facilities, self-care units, and central service facilities operated in connection with hospitals, and also includes education and training facilities for health professions personnel operated as an integral part of a hospital, but does not include any hospital furnishing primarily domiciliary care.

A net metering system used by a Hospital shall meet all applicable safety and performance standards established by the National Electrical Code, the Institute of Electrical and Electronic Engineers, Underwriters Laboratories and Rules 4901:1-22-03 and 4901:1-22-04 of the Ohio Administrative Code and be approved by the Company for interconnection with the Company's system.

**METERING:**

In order to receive service under this Rider, Net Metering must be accomplished using either two meters or a single meter with two registers that are capable of separately measuring the flow of electricity in both directions. One meter or register shall be capable of measuring the electricity generated by the Hospital at the time it is generated per time interval. If the Hospital's existing electrical meter is not capable of separately measuring electricity the Hospital generates at the time it is generated, the Company will, upon written request by the Hospital, acquire, install, maintain, and read an approved meter or meters. The Hospital shall be responsible for all expenses involved in purchasing and installing an approved meter or meters. Maintenance of the meters will be the responsibility of the Company, which will own the meters.

The Hospital may operate its electric generating facilities individually or collectively. If additional metering is necessary to accommodate multiple generating facilities, the Hospital shall be responsible for all expenses involved in purchasing and installing such approved additional meters, having the capabilities specified in this Rider.

Metering charges shall be consistent with the Company's Miscellaneous Charges, Tariff Sheet 75.

**BILLING:**

The Hospital shall be charged for all electricity used by the Hospital in accordance with the rate schedule for which the Hospital would otherwise qualify, including applicable riders, if the Hospital did not have said net metering system ("Company Charges").

All electricity generated by the Hospital shall be credited on an hourly basis for the time the Hospital's electricity is generated, at the locational marginal price of energy quoted by the applicable Regional Transmission Organization ("Generation Credits").

The Hospital's monthly bill shall equal Company Charges less the sum of all Generation Credits occurring during the billing period. If the resulting bill indicates a net credit dollar amount, the credit shall be netted against the Hospital's bill until the Hospital requests in writing a refund that amounts to, but is no greater than, an annual true-up of accumulated credits over a twelve-month period.



**RIDER HNM**  
**Hospital Net Energy Metering Rider**

**APPLICATION:**

Hospitals seeking to receive service under the provisions of this Rider must submit, at least 45 days prior to the date it expects to take service under this Rider, a written application to the Company demonstrating the total generating capacity of the net metering system and compliance with the provisions set forth herein.

**RIDER 4a**  
**Economic Development Rider**

This rate sheet is in the process of elimination and is withdrawn except for customers that have approved applications and are receiving service at their premises under this Rider as of January 22, 2009

**APPLICABILITY:**

This Rider is applicable to customers served under the GS, GP, GSU, and GT tariffs.

This Rider is available on an optional basis to Economic Development Customers that meet the Minimum Investment Unit.

This Rider is not available to any prospective or existing commercial customer whose primary customers or competition are or will be existing customers of the Company.

An Economic Development Customer (the "Customer") is a prospective or an existing electric customer of the Toledo Edison Company ("Toledo Edison" or the "Company") where incentives are needed to attract the Customer to the service area or encourage its growth, modernization, or business retention, where the potential economic benefit to the community of employment and capital investment is evidenced by financial incentives through direct loans, financial grants, formalized training programs, tax incentives, bonds or financing under guarantees provided by appropriate governmental and/or economic development agencies such as the Ohio Department of Development, the Toledo-Lucas County Port Authority, certified Community Improvement Corporations or other similar municipal, county or multi-county organizations.

A Minimum Investment Unit is the addition of new employees and/or a minimum Capital Investment in accordance with the following schedule:

<u>Rate</u>	<u>New Employees</u>	<u>Capital Investment</u>	
		<u>Total Dollars</u>	<u>Single Production Piece</u>
GS	5	\$125,000	\$75,000
GP	10	\$250,000	\$125,000
GSU and GT	20	\$500,000	N/A

New Employees means permanent and full-time employees that exceed Base Employees. Base Employees means the average number of permanent and full-time employees of the Customer for the three month period immediately prior to the Application Date for the Rider.

Capital Investment means an investment in production equipment including electrical equipment, buildings, etc., necessary for increases in productivity, efficiency and quality. A Capital Investment may be made either in several items as just described or in a single piece of production equipment provided the conditions of the schedule are met. Consumable items such as furniture, uniforms or vehicles, and maintenance items will not qualify as Capital Investments. Purchase orders or invoices must be dated no earlier than three months prior to the Application Date. The application will not be approved until presentation of proper purchase orders, invoices and/or employment information to the Company.

**RIDER 4a**  
**Economic Development Rider**

**RATES AND INCENTIVES:**

1. The Customer will receive electric service on the appropriate retail service rate.
2. For new customers locating in the Toledo Edison territory, or existing customers that expand operations, a reduction will be made in the incremental Non-fuel Charges as follows:

<u>Months</u>	<u>Percent Reduction</u>
1-12	35%
13-24	30%
25-36	25%
37-48	20%
49-60	15%

Non-fuel Charges means the total monthly electric charges as computed on the appropriate rate but excluding Transformer and Substation Charges, if applicable, the Electric Fuel Component and all other applicable riders.

3. For an expanding existing customer that can economically, as verified by the Company, transfer a significant portion of its electric load outside of the Toledo Edison service territory, a reduction will be made in the incremental Non-fuel Charges that are in excess of Non-fuel Charges attributed to Base Usage pursuant to Item 2 of the Rates and Incentives Section of the Rider.

Base Usage for an expanding existing customer means the average demand and kilowatthour consumption for the twelve month period immediately preceding the Application Date of the Rider. Base Usage for a customer that can economically, as verified by the Company, transfer a significant portion of its electrical load outside of the Toledo Edison service territory means the average demand and kilowatthour consumption that would remain in the Company's service territory after the planned transfer.

4. An Energy Intensive Customer may be eligible to receive a higher percentage reduction. An Energy Intensive Customer means a customer that can provide evidence that the cost of electric power is at least 20% of the customer's operating cost, whereupon the percentage reduction referenced in (2) or (3) above will remain at 35%. The determination that a Customer is Energy Intensive will be based on the cost of electric power vs. the customer's operating cost for the first twelve months under this Rider.
5. For customers, that are served at primary voltage or above, whose energy requirements necessitate upgrading the Company owned equipment at a substation, the Company will assist the customer in defraying the Company owned substation equipment costs of the upgrade. The Company will contribute up to one-half of the first year's increase in incremental non-fuel charges less any incentive amounts not to exceed one-quarter of a million dollars.

**RIDER 4a**  
**Economic Development Rider**

**APPLICATION DATE, EFFECTIVE DATE, TERMINATION:**

The Application Date means the date on which the Customer applied for the Rider. The Effective Date means the date on which the application is approved by Toledo Edison. The Effective Date may be deferred up to one year after application by the Customer at the Customer's request.

The Company shall have the option to require evidence from the Customer that the Minimum Investment Unit is being maintained by the Customer. If in the judgment of the Company, the Customer has failed to maintain the Minimum Investment Unit, the Rider shall no longer be available to that Customer during the remaining term of the Rider. Otherwise, the Rider will terminate 60 months after the Effective Date of the Rider.

**MINIMUM MONTHLY BILLING DEMANDS:**

The Minimum Monthly Billing Demand shall be 100 kW.

Terms and Conditions:

1. All terms and conditions of the applicable retail service rates shall apply except those specifically modified under this Rider.
2. The Company reserves the right to normalize the Base Employees or the Base Usage if in the judgment of the Company either represents an atypical or seasonal level.
3. In the event that the Customer's usage falls below the base usage or the Customer transfers a significant portion of its electric load to a non Toledo Edison energy source during the term of the Rider, which will be construed as a breach of, and has the effect of canceling the Rider, the Company shall bill the Customer for the amount of the incentive already received under the Rider. The Customer shall pay such bill within thirty (30) days after the date of the receipt of the bill by the Customer, and if the bill remains unpaid, interest at the rate of 1.5% per month shall be charged and paid.

**RIDER USF**  
**Universal Service Fund Rider**

A Universal Service charge of 0.60155¢ per kWh for the first 833,000 kWh and 0.05610¢ per kWh for the kWh above 833,000 kWh shall be added to the energy charge of all applicable rate schedules for the exclusive purposes of providing funding for the low-income customer assistance programs and for the Consumer Education Program authorized under Section 4928.56 of the Ohio Revised Code, and for paying the administrative costs of the low-income customer assistance programs and the Consumer Education Program.

This Universal Service Rider replaces the Interim Emergency and Temporary Recovery of Percentage of Income Payment Plan Arrearages. Any service subject to Emergency and Temporary Recovery of Percentage of Income Payment Plan Arrearages shall be subject to this Universal Service Rider instead.

**RIDER SKT**  
**State kWh Tax Rider**

**APPLICABILITY:**

A state kWh tax shall be applied to each kWh delivered to a customer taking service under Rate Schedules RS, GS, GP, GSU, GT, STL, TRF and POL consistent with Section 5727.81 of the Ohio Revised Code, unless a customer elects to be a self-assessing purchaser that has been approved by the Ohio Department of Taxation. A self-assessing purchaser is any customer taking service from the Company that consumed over the course of the previous calendar year more than 45,000,000 kWhs of electricity and meets the requirements set forth in Section 5727.81 of the Ohio Revised Code.

**RATE:**

First 2,000 kWhs	0.465¢ per kWh
Next 13,000 kWhs	0.419¢ per kWh
All Excess Over 15,000 kWhs	0.363¢ per kWh

In the event that the customer's meter is not actually read for the billing period, the estimated kWhs to collect the Company charges may be used to collect the State kWh Tax.

**ADDITIONAL TAXES:**

The Ohio Commercial Activity Tax (CAT) rate as established in Section 5751.02 of the Ohio Revised Code shall be applied to the above charges according to the formula  $1 / (1 - \text{CAT})$ .

## **Rider No. 14 Net Energy Metering Rider**

### **Availability**

Pursuant to Section 4928.01(A)(30)-(32) of the Revised Code (Net Metering), a customer-generator is a customer of the Company that is a user of a net metering system. To qualify for a net metering system, the customer-generator facility must use as its fuel either solar, wind, biomass, landfill gas, or hydropower, or use a microturbine or a fuel cell which is located on the customer-generator's premises and operates in parallel with the Company's transmission and distribution systems and is intended primarily to offset part or all of the customer's requirements for electricity. A net metering system used by a customer-generator shall meet all applicable safety and performance standards established by the National Electrical Code, the Institute of Electrical and Electronic Engineers, Underwriters Laboratories and Rules 4901:1-22-03 and 4901:1-22-04 of the Ohio Administrative Code.

### **Metering**

In order to receive service under this Rider, Net Metering must be accomplished using a single meter capable of registering the flow of electricity in each direction. If the existing electrical meter in service at the customer's facility is not capable of measuring the flow of electricity in each direction, the Company will, upon written request by the customer-generator, acquire, install, maintain, and read an approved meter that is capable of measuring electricity in each direction. The customer-generator will pay the Company all expenses involved in either modifying the existing meter or providing a new meter capable of registering the flow of electricity in each direction. Maintenance of the meter will be the responsibility of the Company, which will own the meter. The Company, at its own expense and with written consent of the customer-generator, may install additional meters to monitor the flow of electricity. Maintenance of the additional meter(s) will be the responsibility of the Company, which will own the meter(s).

### **Billing**

The provisions of this rider will be applied to the rate schedule to which the customer would be assigned if that customer were not a customer-generator. The customer-generator will be billed or credited charges and applicable riders as measured by the meter. Measured demand specified in the appropriate tariff shall be based on the peak demand measured as supplied by the Company only, flowing from the Company's system to the customer-generator's facility. If the Company supplies more kilowatt-hours of electricity than the customer-generator facility feeds back to the Company's system during the billing period, all energy charges of the appropriate rate schedule shall be applied to the net kilowatt-hours of electricity that the Company supplied. If the customer-generator facility feeds more kilowatt-hours of electricity back to the system than the Company supplies to the customer-generator facility during the billing period, energy charges of the Generation Service Rider (GEN) shall be applied to the net kilowatt-hours of electricity that the customer-generator facility supplied, which shall be allowed to accumulate as a bill credit until netted against the customer generator's bill, or until the customer-generator requests in writing a refund that amounts to, but is no greater than, an annual true-up of accumulated credits over a twelve-month period.

**Rider No. 14 Net Energy Metering Rider**

**Application**

Customer-generators seeking to receive service under the provisions of this rider must submit a written application to the Company demonstrating compliance with the Net Energy Metering Rider provisions and quantifying the total rated generating capacity of the customer-generator facility.

**Interconnection**

The Company's Distribution Interconnection Tariff shall apply to service under this rider.



**RIDER DRR**  
**Delta Revenue Recovery Rider**

**APPLICABILITY:**

Applicable to any customer receiving electric service under the Company's rate schedules or reasonable arrangement (special contract) approved by the Public Utilities Commission of Ohio. The Delta Revenue Recovery Rider (DRR) charge will apply, for all rate schedules, effective for service rendered beginning October 1, 2011, for all kWhs per kWh. This Rider is not avoidable for customers who take electric generation service from a certified supplier.

**PURPOSE:**

The DRR charge recovers the difference in revenue ("delta revenue") between the application of rates in the otherwise applicable rate schedule and the result of any economic development schedule, energy efficiency schedule, reasonable arrangement, or governmental special contract approved by the Public Utilities Commission of Ohio on or after January 1, 2009.

**RATE:**

DRR charge	0.0000¢
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**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company will file with the PUCO a request for approval of the rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year, beginning October 1, 2009.

**RIDER DSM**  
**Demand Side Management Rider**

**APPLICABILITY:**

A Demand Side Management (“DSM”) Charge shall be applied to each kilowatt-hour (“kWh”) delivered during a billing month to all retail customers taking service under Rate Schedule RS. The DSM Charge is not avoidable to customers during the period the customer takes electric generation service from a certified supplier.

**RATES:**

On the Effective Date (“ED”), the DSM Charge shall be 0.010¢, and shall be adjusted semi-annually based on the following formula:

DSM Charge =  $[(ADB - ADFIT) \times CC + AMORT + RA] / PS \times [1 / (1 - CAT)]$ , rounded to the fifth decimal place.

Where:

ADB = The net accumulated balance of the residential demand side management costs deferred by the Company, including applicable Carrying Costs (“CC”). Residential demand side management costs that are deferred shall include all DSM program costs incurred for programs contemplated in the Settlement Stipulation approved in PUCO Case Nos. 05-1125-EL-ATA, 05-1126-EL-AAM and 05-1127-EL-UNC, all reasonable administrative costs to conduct such DSM programs and lost distribution revenues until included in the Company’s tariffs established in a subsequent rate case.

The initial ADB will be based on the Company’s filing in Case No. 07-551-EL-AIR, with all subsequent ADB’s being based on the deferred balance at each March 31 and September 30 thereafter.

ADFIT = The accumulated deferred income tax associated with the ADB.

AMORT = The ADB amortized over a three year period. However in no case will the amortization period extend beyond December 31, 2012. Any ADB at April 30, 2012 will be collected over the RHY effective July 1, 2012.

RA = The net over or under collection of the RC during the Recovery Half-Year (“RHY”), plus Carrying Costs. A positive RA reflects an under collection of the RC.

PS = The Company’s forecasted kWh retail sales during the RHY for customers taking service under Rate Schedule RS.

CAT = The Commercial Activity Tax rate as established in Section 5751.03 of the Ohio Revised Code.

CC = The return earned on the RC and RA, which shall be calculated by multiplying the RC and RA by the Company’s cost of debt.

RHY = The calendar half-year in which the then current DSM Charge is collected. The RHY commences on January 1 and July 1, immediately following the determination of the ADB as of September 30 or March 31 for such DSM Charge.

**RIDER DSM**  
**Demand Side Management Rider**

ED = The date on which the DSM Charge becomes effective. The ED for the initial DSM Charge shall be January 1, 2009 with all subsequent DSM Charges becoming effective on each following July 1 and January 1.

**OTHER PROVISIONS:**

1. No later than December 1 and June 1 of each year, the Company shall file with the Public Utilities Commission of Ohio ("Commission") a request for approval of a DSM Charge which, unless otherwise ordered by the Commission, shall become effective on a service rendered basis on January 1 and July 1 following the determination of the ADB to which the DSM Charge applies.
2. The Company shall submit with its semi-annual filing, documentation sufficient to demonstrate that the DSM Charge that is the subject of the filing is calculated consistent with the DSM Charge formula set forth in this DSM Rider. All such documentation shall be subject to Commission audit and review.
3. If after the Effective Date, but prior to the next semi-annual filing, the Commission determines that the DSM Charge proposed by the Company is unreasonable, any differential in amounts collected under this DSM Rider based on the DSM Charge on the Effective Date, and that authorized in a final order of the Commission for said Recovery Half Year, including any Carrying Costs on said differential, shall be adjusted in the next Reconciling Adjustment.

**RIDER RAR**  
**Reasonable Arrangement Rider**

Applicability, terms and conditions and level of incentives associated with this Rider, shall be determined as part of The Public Utilities Commission of Ohio's review and approval of the application filed pursuant to RC 4905.31 and consistent with OAC 4901:1-38.

Recovery of the difference in revenue from the application of rates in the otherwise applicable rate schedule and this Rider shall be realized as part of the Company's Delta Revenue Recovery Rider (DRR) and shall be subject to review by the PUCO.

Each customer taking electric service under a Reasonable Arrangement pursuant to RC 4905.31 and consistent with OAC 4901:1-38 shall be subject to the Company's Electric Service Regulations and all riders unless otherwise expressly set forth in the Reasonable Arrangement.

**RIDER DUN**  
**Distribution Uncollectible Rider**

**APPLICABILITY:**

Applicable to any customer who receives electric service under the Company's rate schedules. The Distribution Uncollectible Rider (DUN) charge will apply, for all rate schedules, effective for service rendered beginning October 1, 2011, for all kWhs per kWh. This Rider is not avoidable for customers during the period the customer takes electric generation service from a certified supplier.

**RATE:**

DUN charge	0.0187¢
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**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company shall file with the PUCO a request for approval of the rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year.

**RIDER ELR**  
**Economic Load Response Program Rider**

**APPLICABILITY:**

This Economic Load Response Program Rider ("Program") is available to customers taking service from the Company at primary voltages or higher voltages provided that all of the following seven conditions are met at the time of initiation of service to the customer under this Rider and on a continuing basis thereafter: (i) the customer took service under the Company's interruptible tariffs set forth below as of February 1, 2008 or the customer took service under an interruptible contract with the Company as of February 1, 2008 that subsequently expired or was terminated; (ii) the customer can successfully demonstrate to the Company that it can reduce its instantaneous measured load to a pre-established contract Firm Load (as defined under Other Provisions, paragraph A., below) within two hours of notification provided by the Company without the need of a generator (A customer may intend to use a generator to reduce its usage to below its Firm Load, but if the generator does not operate, the customer must still reduce its usage to or below its Firm Load. Failure of a customer to reduce its usage to or below its Firm Load shall result in the consequences listed in the Emergency Curtailment Event Section herein.); (iii) the customer executes the Company's standard Program contract; (iv) the customer is taking generation service from the Company; (v) the customer is not participating in any other load curtailment or demand response program, including without limitation a demand response program offered by PJM Interconnection, L.L.C. ("PJM") or any other independent system operator; (vi) the customer commits its demand response capability to Company for integration into Company's R.C. § 4928.66 compliance programs; and, (vii) the Commission finds that the demand response capabilities of customers electing service under this rider shall count towards the Company's compliance with the peak demand reduction benchmarks set forth in R.C. § 4928.66 as applied by the Commission's applicable rules and regulations and shall be considered incremental to interruptible load on the Company's system that existed in 2008. Nothing herein shall preclude a customer from requesting and receiving an exemption from any mechanism designed to recover the cost of energy efficiency and peak demand reduction programs to the extent the exemption is requested to reasonably encourage the commitment of customer-sited capabilities to the Company.

Interruptible Power Rate "PV-46"

Original Sheet No. 63

**RATES:**

In addition to any other charges under any other rate schedules applicable to customer's service, customers participating in the Program shall also pay the charges and receive the credit set forth below:

**Charges:**

Program Administrative Charge: \$150.00 per month

EBT Charge:

During an Economic Buy Through Option Event (as defined under Other Provisions, paragraph E., below), the portion of the customer's actual measured load that exceeds its pre-established contract Firm Load for any and all hours during such event shall be assessed an EBT Charge, which is calculated for each hour of the event as follows:

$$\text{EBT Charge} = (\text{AL} \times \text{MPD}) \times (1 + \text{LAF}) \times \left(\frac{1}{1 - \text{CAT}}\right)$$

**RIDER ELR**  
**Economic Load Response Program Rider**

Where:

**AL** = the customer's actual hourly load during an Economic Buy Through Option Event that exceeds the customer's pre-established contract Firm Load.

**MPD** = the market price differential, which shall be calculated by subtracting the applicable charges set forth in the Generation Service Rider (GEN) from the PJM LMP for the period in which the Economic Buy Through Option Event occurred for each hour that results in a MPD greater than zero.

PJM LMP is the final Day Ahead Locational Marginal Price as defined and specified by PJM at the appropriate pricing node during the applicable hour(s).

**CAT** = the Commercial Activity Tax rate as established in Section 5751.03 of the Ohio Revised Code.

**LAF** = Loss Adjustment Factor  
3.0% for primary voltages  
0.1% for subtransmission voltages  
0.0% for transmission voltages

ECE Charge:

During an Emergency Curtailment Event (as defined under Other Provisions, paragraph D., below), the portion of the customer's actual measured load that exceeds its pre-established contract Firm Load for any and all hours during such event shall be assessed an ECE Charge which is calculated for each hour of the event as follows. Revenue collected by the Company as a result of any ECE Charge less amounts associated with the CAT (as defined above) shall be credited towards costs to be collected through the DSE1 charge of Rider DSE:

**ECE Charge = (AL x PJM LMP x 300%) x (1 + LAF) x ([1/(1-CAT)])**

**Program Credit ("PC"):**

Customers taking service under this Rider shall receive a monthly Program Credit which shall be calculated as follows:

**PC = CL x (\$5.00) /kW/month**

Where:

CL is the Curtailable Load, which shall be calculated by the Company for each customer by subtracting the customer's contract Firm Load from its monthly highest thirty (30) minute integrated kW load occurring during the non-holiday weekday hours of 11 a.m. to 5 p.m. Eastern Standard Time (equivalent to noon to 6 p.m. EDT). In no circumstance can the CL be negative nor can the CL be in excess of a contract amount determined based upon the customers 12 month history as of February 1, 2008. Holidays are defined as New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

**RIDER ELR**  
**Economic Load Response Program Rider**

**Minimum Bill:**

The application of the Program Credit shall not produce a total monthly bill for any customer, after including the effects of all rate schedules and riders, that results in an average price per kWh less than two (2) cents per kWh.

**OTHER PROVISIONS:**

A. Firm Load

For purposes of this rider, "Firm Load" shall be that portion of a customer's electric load that is not subject to curtailment. A customer may request a reduction to its contract Firm Load no more than once in any twelve month period. The Firm Load may be reduced to the extent that such reduction is consistent with other terms and conditions set forth in this Rider. Any such change in Firm Load shall be applied beginning with the customer's January bill immediately following the year in which the change has been approved by the Company, provided that advance written request is provided to the Company no less than thirty (30) days prior to the effective billing month of the change. The Company may increase the Firm Load at any time if the Company, at its sole discretion, determines the Firm Load is at a level that the customer fails to demonstrate that they can reach. The Company shall promptly notify the customer of any such change.

B. Load Response Program Contract

Customers taking service under this optional Rider shall execute the Company's standard Program contract which, among other things, will establish the Customer's Firm Load and commit the Customer's demand response capability to Company for purposes of Company's compliance with the peak demand reduction benchmarks set forth in R.C. § 4928.66 as applied by the Commission's applicable rules and regulations.

C. Metering

The customer must arrange for interval metering consistent with the Company's Miscellaneous Charges, Tariff Sheet 75.

D. Emergency Curtailment Event

Upon no less than two hour advance notification provided by the Company, a customer taking service under this rider must curtail all load above its Firm Load during an Emergency Curtailment Event consistent with the Company's instructions. For purposes of this rider, an Emergency Curtailment Event shall be one in which the Company, a regional transmission organization and/or a transmission operator determines, in its respective sole discretion, that an emergency situation exists that may jeopardize the integrity of either the distribution or transmission system in the area. If the Emergency Curtailment Event is requested solely by the regional transmission organization, the maximum duration that load must be curtailed will be 6 hours and shall be limited to ten events per planning year as defined by PJM. Any interruptions requested by the regional transmission organization will only occur between 12:00 PM (Noon) to 8:00 PM (Eastern Prevailing Time) for the months of May through September and 2:00 PM to 10:00 PM for the months of October through April, on weekdays other than PJM Holidays.



**RIDER ELR**  
**Economic Load Response Program Rider**

During the entire period of an Emergency Curtailment Event, the customer's actual measured load must remain at or below its Firm Load with such load being measured every clock half hour. A customer's actual measured load shall be determined using the greater of the customer's highest lagging kVA or highest kW during the Emergency Curtailment Event.

If at any time during the Emergency Curtailment Event a customer's actual measured load exceeds its contract Firm Load, the Company may disconnect the customer from the transmission system for the duration of the Emergency Curtailment Event, at the customer's expense. The Company shall not be liable for any direct or indirect costs, losses, expenses, or other damages, special or otherwise, including, without limitation, lost profits that arise from such disconnection.

If at any time during the Emergency Curtailment Event a customer's actual measured load exceeds 110% of its Firm Load, the customer shall be subject to all four (4) of the following: (i) forfeit its Program Credit for the month in which the Emergency Curtailment Event occurred; (ii) pay the ECE Charge set forth in the Rates section of this Rider; (iii) pay the sum of all Program Credits received by the customer under the Program during the immediately preceding twelve billing months which shall include credits from this Rider and the Economic Development Rider; and (iv) the Company's right, at its sole discretion, to remove the customer from the Program for a minimum of 12 months.

If at any time during the Emergency Curtailment Event a customer's actual measured load is greater than 100% and less than or equal to 110% of its Firm Load during the Emergency Curtailment Event, the customer shall forfeit its Program Credit for the month in which the Emergency Curtailment Event occurred and shall pay the ECE Charge set forth in the Rates section of this Rider.

In a calendar year when an Emergency Curtailment Event has not been requested of customers on this Rider between June 1 and August 15, the Company shall simultaneously interrupt all customers on this Rider by September 30 in order to meet the Company's PJM test obligations for Load Management Resources. The duration of this test will be one hour. The Company will schedule the test and Customers shall receive advance notification of the test. All provisions of this Rider shall apply to this test.

In the event of any conflict between the terms and conditions set forth in this Rider and other service reliability requirements and/or obligations of the Company, the latter shall prevail.

**E. Economic Buy Through Option Event**

Upon no less than a 90 minute advance notification provided to the customer, the Company shall call an Economic Buy Through Option Event ("EBT") when a "Market Premium Condition" exists. A Market Premium Condition is defined as a point in time that the PJM LMP exceeds the product of 1.5 times the wholesale price resulting from the Company's competitive bid process held for generation service commencing on June 1, 2011 and updated anytime there is a price change in generation service. The number of hours of EBT cannot exceed 10% of the hours in any twelve month period beginning in June of each calendar year.

**RIDER ELR**  
**Economic Load Response Program Rider**

F. Notification

Customers served under this Rider shall be provided notification of Economic Buy Through Option Events and Emergency Curtailment Events by the Company. Customers shall be provided clock times of the beginning and ending of these events, except the Emergency Curtailment Event notification may be stated such that customers must curtail their actual measured load to its Firm Load in two hours from the time the notification is issued. Receipt of notifications set out in this paragraph shall be the sole responsibility of the customer.

Notification of an Economic Buy Through Option Event and Emergency Curtailment Event consists of an electronic message issued by the Company to a device or devices such as telephone, facsimile, pager or email, selected and provided by the customer and approved by the Company. Two-way information capability shall be incorporated by the Company and the customer in order to provide confirmation of receipt of notification messages. Operation, maintenance and functionality of such communication devices selected by the customer shall be the sole responsibility of the customer.

G. Term

This rider shall become effective for service rendered beginning June 1, 2011, and shall expire with service rendered through May 31, 2014.

A customer may terminate its participation in the Program upon no less than thirty six (36) months advance written notice to the Company. Except as otherwise provided in this Rider, a qualifying customer may return to the Program after a hiatus from the Program of at least one (1) year on the first day of the customer's billing cycle upon at least thirty days prior written notice of the customer's intent to return.

H. Conditions

Payment by the customer of all charges herein is a condition of service under this Economic Load Response Program Rider.

**RIDER OLR**  
**Optional Load Response Program Rider**

**APPLICABILITY:**

This Optional Load Response Program Rider ("Program") is available to any customer taking service from the Company at primary voltages or higher voltages provided that all of the following seven conditions are met at the time of initiation of service under this Rider and on a continuing basis thereafter: (i) the customer has at least one megawatt of Realizable Curtailable Load ("RCL"); (ii) the customer can successfully demonstrate to the Company that it can reduce its instantaneous measured load to a pre-established contract Firm Load (as defined under Other Provisions, paragraph A., below) within two hours of notification provided by the Company without the need of a generator (A customer may intend to use a generator to reduce its usage to below its Firm Load, but if the generator does not operate, the customer must still reduce its usage to or below its Firm Load. Failure of a customer to reduce its usage to or below its Firm Load shall result in the consequences listed in the Emergency Curtailment Event Section herein.); (iii) the customer executes the Company's standard Program contract; and (iv) the customer is taking generation service from the Company under the Generation Service Rider (GEN); (v) the customer is not participating in any other load curtailment program or demand response program, including without limitation a demand response program offered by PJM Interconnection, L.L.C. ("PJM") or any other independent system operator; (vi) the customer commits its demand response capability to Company for integration into Company's R.C. § 4928.66 compliance programs; and, (vii) the Commission finds that the demand response capabilities of customers electing service under this rider shall count towards the Company's compliance with the peak demand reduction benchmarks set forth in R.C. § 4928.66 as applied by the Commission's applicable rules and regulations and shall be considered incremental to interruptible load on the Company's system that existed in 2008. Nothing herein shall preclude a customer from requesting and receiving an exemption from any mechanism designed to recover the cost of energy efficiency and peak demand reduction programs to the extent the exemption is requested to reasonably encourage the commitment of customer-sited capabilities to the Company. This Rider is not applied to customers during the period the customer takes electric generation service from a certified supplier.

**RATES:**

In addition to any other charges under any other rate schedules applicable to customer's service, customers participating in the Program shall also pay the charges and receive the credit set forth below:

**Charges:**

Program Administrative Charge: \$150.00 per month

ECE Charge:

During an Emergency Curtailment Event (as defined under Other Provisions, paragraph D., below), the portion of the customer's actual measured load that exceeds its pre-established contract Firm Load for any and all hours during such event shall be assessed an ECE Charge which is calculated for each hour of the event as follows. Revenue collected by the Company as a result of any ECE Charge less amounts associated with the CAT (as defined below) shall be credited towards costs to be collected through the DSE1 charge of Rider DSE:

$$\text{ECE Charge} = (\text{AL} \times \text{PJM LMP} \times 300\%) \times (1 + \text{LAF}) \times \left(\frac{1}{1 - \text{CAT}}\right)$$

**RIDER OLR**  
**Optional Load Response Program Rider**

Where:

**AL** = the customer's actual hourly load during an Emergency Event that exceeds the customer's pre-established contract Firm Load.

PJM LMP is the final Day Ahead Locational Marginal Price as defined and specified by PJM at the appropriate pricing node during the applicable hour(s).

**CAT** = the Commercial Activity Tax rate as established in Section 5751.03 of the Ohio Revised Code.

**LAF** = Loss Adjustment Factor  
3.0% for primary voltages  
0.1% for subtransmission voltages  
0.0% for transmission voltages

**Program Credit ("PC"):**

Customers taking service under this Rider shall receive a monthly Program Credit which shall be calculated as follows:

**PC = RCL x (\$1.95) /kW/month**

Where:

RCL is the predetermined realizable curtailable load, which shall be calculated by the Company once per year for each customer by subtracting the customer's contract Firm Load from its Average Hourly Demand ("AHD"). For purposes of this Rider, the AHD shall be the customer's average kW load occurring during the non-holiday weekday hours of 11 a.m. to 5 p.m. Eastern Standard Time (equivalent to noon to 6 p.m. EDT) during the months of June through August, excluding actual hours of any Emergency Curtailment Events occurring during the preceding 12 month period. The RCL shall not exceed the amount of a customer's billing demand in excess of the contracted Firm Load on a monthly basis. The customer shall be provided written notice each year by the Company of the value of the RCL at least thirty (30) days in advance of the effective date of the RCL.

**Minimum Bill:**

The application of the Program Credit shall not produce a total monthly bill for any customer, after including the effects of all rate schedules and riders, that results in an average price per kWh less than two (2) cents per kWh.

**RIDER OLR**  
**Optional Load Response Program Rider**

**OTHER PROVISIONS:**

A. Firm Load

For purposes of this Rider, "Firm Load" shall be that portion of a customer's electric load that is not subject to curtailment. A customer may request a reduction to its contract Firm Load no more than once in any twelve month period. The Firm Load may be reduced to the extent that such reduction is consistent with other terms and conditions set forth in this Rider. Any such change in Firm Load shall be applied beginning with the customer's January bill immediately following the year in which the change has been approved by the Company, provided that advance written request is provided to the Company no less than thirty (30) days prior to the effective billing month of the change. The Company may increase the Firm Load at any time if the Company, at its sole discretion, determines the Firm Load is at a level that the customer fails to demonstrate that they can reach. The Company shall promptly notify the customer of any such change.

B. Load Response Program Contract

Customers taking service under this optional rider shall execute the Company's standard Program contract which, among other things, will establish the Customer's Firm Load and commit the Customer's demand response capability to Company for purposes of Company's compliance with the peak demand reduction benchmarks set forth in R.C. § 4928.66 as applied by the Commission's applicable rules and regulations.

C. Metering

The customer must arrange for interval metering consistent with the Company's Miscellaneous Charges, Tariff Sheet 75.

D. Emergency Curtailment Event

Upon no less than two hour advance notification provided by the Company, a customer taking service under this rider must curtail all load above its Firm Load during an Emergency Curtailment Event consistent with the Company's instructions. For purposes of this rider, an Emergency Curtailment Event shall be one in which the Company, a regional transmission organization and/or a transmission operator determines, in its respective sole discretion, that an emergency situation exists that may jeopardize the integrity of either the distribution or transmission system in the area. If the Emergency Curtailment Event is requested solely by the regional transmission organization, the maximum duration that load must be curtailed will be 6 hours and shall be limited to ten events per planning year as defined by PJM. Any interruptions requested by the regional transmission organization will only occur between 12:00 PM (Noon) to 8:00 PM (Eastern Prevailing Time) for the months of May through September and 2:00 PM to 10:00 PM for the months of October through April, on weekdays other than PJM Holidays.

During the entire period of an Emergency Curtailment Event, the customer's actual measured load must remain at or below its Firm Load with such load being measured every clock half hour. A customer's actual measured load shall be determined using the greater of the customer's highest lagging kVa or highest kW during the Emergency Curtailment Event.

**RIDER OLR**  
**Optional Load Response Program Rider**

If at any time during the Emergency Curtailment Event a customer's actual measured load exceeds its contract Firm Load, the Company may disconnect the customer from the transmission system for the duration of the Emergency Curtailment Event, at the customer's expense. The Company shall not be liable for any direct or indirect costs, losses, expenses, or other damages, special or otherwise, including, without limitation, lost profits that arise from such disconnection.

If at any time during the Emergency Curtailment Event a customer's actual measured load exceeds 110% of its Firm Load, the customer shall be subject to all four (4) of the following: (i) forfeit its Program Credit for the month in which the Emergency Curtailment Event occurred; (ii) pay the ECE Charge set forth in the Rates section of this Rider; (iii) pay the sum of all Program Credits received by the customer under the Program during the immediately preceding twelve billing months which shall include credits from this Rider; and (iv) the Company's right, at its sole discretion, to remove the customer from the Program for a minimum of 12 months.

If at any time during the Emergency Curtailment Event a customer's actual measured load is greater than 100% and less than or equal to 110% of its Firm Load during the Emergency Curtailment Event, the customer shall forfeit its Program Credit for the month in which the Emergency Curtailment Event occurred and shall pay the ECE Charge set forth in the Rates section of this Rider.

In a calendar year when an Emergency Curtailment Event has not been requested of customers on this Rider between June 1 and August 15, the Company shall simultaneously interrupt all customers on this Rider by September 30 in order to meet the Company's PJM test obligations for Load Management Resources. The duration of this test will be one hour. The Company will schedule the test and Customers shall receive advance notification of the test. All provisions of this Rider shall apply to this test.

In the event of any conflict between the terms and conditions set forth in this rider and other service reliability requirements and/or obligations of the Company including all PJM requirements that may be in effect, the latter shall prevail.

**E. Notification**

Customers served under this Rider shall be provided notification Emergency Curtailment Events by the Company. Customers shall be provided clock times of the beginning and ending of these events, except the Emergency Curtailment Event notification may be stated such that customers must curtail their actual measured load to its Firm Load in two hours from the time the notification is issued. Receipt of notifications set out in this paragraph shall be the sole responsibility of the customer.

Notification of an Emergency Curtailment Events consists of an electronic message issued by the Company to a device or devices such as telephone, facsimile, pager or email, selected and provided by the customer and approved by the Company. Two-way information capability shall be incorporated by the Company and the customer in order to provide confirmation of receipt of notification messages. Operation, maintenance and functionality of such communication devices selected by the customer shall be the sole responsibility of the customer.

**RIDER OLR**  
**Optional Load Response Program Rider**

F. Term

This rider shall become effective for service rendered beginning June 1, 2011 and shall expire with service rendered through May 31, 2014.

A customer may terminate its participation in the Program upon no less than thirty six (36) months advance written notice to the Company. Except as otherwise provided in this rider, a qualifying customer may return to the Program after a hiatus from the Program of at least one (1) year on the first day of their billing cycle upon at least thirty days prior written notice of their intent to return.

G. Conditions

Payment by the customer of all charges herein is a condition of service under this Optional Load Response Program Rider.

**RIDER GCR**  
**Generation Cost Reconciliation Rider**

**APPLICABILITY:**

Applicable to any customer who receives electric service under the Company's rate schedules. The Generation Cost Reconciliation Rider (GCR) charge will apply, by rate schedule, effective for service rendered beginning October 1, 2011, for all kWhs per kWh.

<b><u>RATE:</u></b>	<b><u>GCR1</u></b>	<b><u>GCR2</u></b>
RS	0.2342¢	0.0000¢
GS	0.2342¢	0.0000¢
GP	0.2253¢	0.0000¢
GSU	0.2187¢	0.0000¢
GT	0.2185¢	0.0000¢
STL	0.2342¢	0.0000¢
TRF	0.2342¢	0.0000¢
POL	0.2342¢	0.0000¢

The GCR charge shall be calculated as follows:

$$\text{GCR} = \{[\text{GCR Deferral Balance}] / \text{S}\} \times 1 / (1 - \text{CAT}) \times \{(1 - \text{LOSS}_{\text{AVG}}) / (1 - \text{LOSS})\}$$

Where:

- i. The calculation period is the three-month period ended two months prior to the effective dates of the updated rider (i.e. three months ended October 31, January 31, April 30, and July 31).
- ii. Each component of the formula includes the aggregated data for The Cleveland Electric Illuminating Company, Ohio Edison Company, and The Toledo Edison Company.
- iii. For any given billing period, only the non-zero GCR charge will be applied.



**RIDER GCR**  
**Generation Cost Reconciliation Rider**

$$\text{GCR Deferral Balance} = [(B_P - GCR_{REV} - GEN_{REV} + E_S + E_{CBP}) + I]$$

- B<sub>P</sub>** = The actual reconciliation balance, including applicable interest, at the end of the previous calculation period.
- GCR<sub>REV</sub>** = The actual revenue associated with Rider GCR, as billed for the calculation period, excluding applicable Commercial Activity Tax.
- GEN<sub>REV</sub>** = The actual revenue associated with Riders GEN, RTP and CPP as billed for the calculation period, excluding applicable Commercial Activity Tax.
- E<sub>S</sub>** = The actual cost of supplying generation service to SSO customers and customers taking service under special contracts for the calculation period.
- E<sub>CBP</sub>** = The competitive bidding process expenses.
- I** = The applicable interest for the calculation period at a monthly rate of 0.7066%.
- S** = The projected kWh sales for the period during which Rider GCR will be applied.
- CAT** = The Commercial Activity Tax rate as established in Section 5751.03 of the Ohio Revised Code.
- LOSS** = The loss factor associated with each rate category based on service voltage. (See Page 1 of Exhibit C to the Application in Case No. 08-0935-EL-SSO).
- LOSS<sub>AVG</sub>** = The aggregated loss factor.

**AVOIDABILITY:**

If the **GCR Deferral Balance**  $\leq$  **(5% x E<sub>S</sub>)** for a given calculation period, then GCR1 = GCR and GCR1 is not applied to customers who take generation from a certified supplier.

If the **GCR Deferral Balance**  $>$  **(5% x E<sub>S</sub>)** for a given calculation period, then GCR2 = GCR and GCR2 is not avoidable for customers who take generation from a certified supplier.

Regardless, in the event that a supplier that has been providing power as a result of the competitive bid process defaults during the applicable ESP period, the Company upon its belief that such default will cause the GCR Deferral Balance to exceed the 5% threshold, may determine that the GCR charge is not avoidable for customers who take generation from a certified supplier.

**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company will file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year, beginning October 1, 2011.

**Fuel Rider**

**APPLICABILITY:**

Applicable to any customer who receives electric service under the Company's rate schedules. The Fuel Rider will apply, for all rate schedules, effective for service rendered beginning June 1, 2009 for all kWhs per kWh. This Rider is not applied to customers during the period the customer takes electric generation service from a certified supplier.

**RATE:**

RS	0.1058¢
GS	0.1058¢
GP	0.1022¢
GSU	0.0993¢
GT	0.0992¢
STL	0.1058¢
TRF	0.1058¢
POL	0.1058¢

**RIDER PROVISIONS:**

The Fuel Rider recovers costs as authorized by the Commission's January 14, 2009 Finding and Order in Case No. 09-21-EL-ATA et al. The Fuel Rider shall be reconciled to reflect the difference between actual and forecasted costs and the difference between actual and forecasted generation revenue and revenue collected under this Rider.

The Fuel Rider shall no longer be applied as of service rendered beginning December 14, 2009, pending final reconciliation of the costs authorized by the Commission's January 14, 2009 Finding and Order in Case No. 09-21-EL-ATA et al.

**RIDER AMI**  
**Advanced Metering Infrastructure / Modern Grid Rider**

**APPLICABILITY:**

Applicable to any customer who receives electric service under the Company's rate schedules, with the exception of General Service - Transmission (Rate "GT"). This Advanced Metering Infrastructure / Modern Grid Rider charge is a fixed monthly charge and will be effective for service rendered beginning October 1, 2011. This Rider is not avoidable for customers during the period the customer takes electric generation service from a certified supplier.

**CHARGE \*:**

RS	\$ 0.054
GS	\$ 0.278
GP	\$ 4.119
GSU	\$ 4.226
STL (per lighting unit)	\$ 0.012
TRF	\$ 0.051
POL	\$ 0.070

\* The charges listed above, except those for rate schedule STL, will be applied per customer, per month. Any customer who receives electric service under rate schedule STL will have the above charge applied per lighting unit, per month.

**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company shall file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year.

**RIDER LEX**  
**Line Extension Cost Recovery Rider**

**APPLICABILITY:**

Applicable to any customer receiving electric service under the Company's rate schedules. The Line Extension Cost Recovery Rider (LEX) charge will apply for all rate schedules, on a service rendered basis, for all kWhs per kWh. This Rider is not avoidable for customers who take electric generation service from a certified supplier.

**RATE:**

LEX charge	0.0000¢
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**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on a quarterly basis beginning December 1, 2011, and thereafter no later than December 1st, March 1st, June 1st and September 1st of each year, the Company will file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year.

**RIDER DSI**  
**Delivery Service Improvement Rider**

**APPLICABILITY:**

Applicable to any customer who receives electric service under the Company's Rate Schedules. The Delivery Service Improvement Rider (DSI) charges will apply, by Rate Schedule, effective for bills rendered beginning April 1, 2009. This Rider is not avoidable for customers who shop with a certified supplier.

**RATE:**

RS (all kWhs, per kWh)	0.2571¢
GS (per kW of Billing Demand)	\$ 1.1034
GP (per kW of Billing Demand)	\$ 0.4783
GSU (per kVa of Billing Demand)	\$ 0.1588

**RIDER PUR**  
**PIPP Uncollectible Rider**

**APPLICABILITY:**

Applicable to any customer who receives electric service under the Company's rate schedules. The PIPP Uncollectible Rider (PUR) charge will apply, for all rate schedules, effective for service rendered beginning October 1, 2011, for all kWhs per kWh. This Rider is not avoidable for customers during the period the customer takes electric generation service from a certified supplier. This Rider recovers uncollectible expense associated with PIPP customers to the extent such expense is incurred by the Company and is not recovered elsewhere.

**RATE:**

PUR charge	0.0075¢
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**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company shall file with the PUCO a request for approval of the rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year.

**RIDER NDU**  
**Non-Distribution Uncollectible Rider**

**APPLICABILITY:**

Applicable to any customer who receives electric service under the Company's rate schedules. The Non-Distribution Uncollectible Rider (NDU) charge / (credit) will apply, for all rate schedules, effective for service rendered beginning October 1, 2011, for all kWhs per kWh. This Rider is not applied to customers during the period the customer takes electric generation service from a certified supplier.

**RATE:**

NDU charge / (credit)	0.1534¢
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**RIDER UPDATES:**

The charges / credits contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company shall file with the PUCO a request for approval of the rider charges / credits which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year.

**RIDER RTP**  
**Experimental Real Time Pricing Rider**

**AVAILABILITY:**

This Rider is not available to customers during the period the customer takes electric generation service from a certified supplier. This Rider is not available to customers during the period the customer is taking service under Rider ELR or Rider CPP.

The Experimental Real Time Pricing Rider (RTP) shall be applied in lieu of the Generation Service Rider (GEN) to customers participating in this voluntary experimental program.

**PROGRAM DESCRIPTION:**

The RTP Program is voluntary and will be offered on an experimental basis through May 31, 2014, unless earlier terminated by the Company. Its purpose is to test customer response to hourly price signals quoted by PJM Interconnection, L.L.C. ("PJM") or any other applicable independent system operator to supply electricity. Participation in the RTP Program offers customers the opportunity to manage their electric costs by either shifting load from higher price to lower price periods or by adding new load during lower price periods.

**RATE:**

In addition to any other charges under all other rate schedules applicable to customer's service, exclusive of Rider GEN, customers taking service under this Rider shall also pay the charges set forth below:

**Charges:**

Program Administrative Charge: \$150.00 per month

**RTP Billing:**

Customers taking service under this Rider will be billed based on the following calculation:

**RTP Bill = Program Charge + RTP Energy Charge + RTP Fixed Charge + All Applicable Riders**



**RIDER RTP**  
**Experimental Real Time Pricing Rider**

**RTP Energy Charge:**

The RTP Energy Charge (RTPEC) is equal to the customers hourly energy usage applied to the hourly energy price quotes made publicly available by PJM, as defined in the LMP<sub>t</sub> definition below.

The RTPEC is calculated as follows:

$$\text{RTPEC} = \sum_{t=1}^n (\text{kWh}_t \times \text{LMP}_t)$$

Where:

**kWh<sub>t</sub>** = Customer's kilowatt-hour usage in hour t  
**t** = An hour in the billing period  
**n** = Total number of hours in the billing period  
**LMP<sub>t</sub>** = the "Day-Ahead" Locational Marginal Price, or "LMP" in hour t as defined and specified by PJM at the appropriate pricing node, as this node may be changed or superseded from time to time by PJM. In the event there is an error in the LMP reported by PJM, the Company shall apply such prices as corrected by PJM in monthly billings.

The Company shall not be responsible for failure of the customer to receive and act upon market based quotes. The customer is responsible for its access to the Internet for access to PJM pricing.

**RTP Fixed Charges:**

The following RTP Fixed Charges will apply, by rate schedule, for all kWhs per kWh:

	<u>Summer</u>	<u>Winter</u>
GS	2.6751¢	2.2398¢
GP	1.9582¢	1.5546¢
GSU	1.6035¢	1.2247¢
GT	1.4114¢	1.0335¢

For billing purposes, the winter rates shall be applicable beginning with service rendered September 1 through service rendered for May 31. The summer rates shall apply in all other billing periods.

**RIDER RTP**  
**Experimental Real Time Pricing Rider**

**METERING:**

The customer must arrange for interval metering consistent with the Company's Miscellaneous Charges, Tariff Sheet 75.

**TERMS AND CONDITIONS:**

Failure by the customer to timely pay all amounts due within thirty (30) days of when due may be cause for removal from service under this Rider, at the option of the Company.

A customer may terminate service under this Rider effective with the next scheduled meter reading following at least 12 days notice to the Company by the customer. Customers who withdraw or are removed from the RTP Program may not return to the RTP Program.

**RIDER CPP**  
**Experimental Critical Peak Pricing Rider**

**AVAILABILITY:**

This Rider is not available to customers during the period the customer takes electric generation service from a certified supplier. This Rider is not available to customers during the period the customer is taking service under Rider ELR, Rider OLR or Rider RTP.

The Experimental Critical Peak Pricing Rider (CPP) shall be applied in lieu of the Generation Service Rider (GEN) to customers participating in this voluntary experimental program.

The CPP Charge shall reflect time-of-day pricing, for all kWh per kWh, for both Summer and Winter seasons, as shown below:

**RATE:**

In addition to any other charges under all other rate schedules applicable to customer's service, exclusive of Rider GEN, customers taking service under this Rider shall also pay the charges set forth below:

**Charges:**

Program Administrative Charge: \$37.50 per month

**Capacity Charges**

	<u>Summer</u>			<u>Winter</u>		
	<u>Midday Peak</u>	<u>Shoulder Peak</u>	<u>Off-Peak</u>	<u>Midday Peak</u>	<u>Shoulder Peak</u>	<u>Off-Peak</u>
GS	1.3572¢	1.3572¢	1.3572¢	1.3572¢	1.3572¢	1.3572¢
GP	0.8394¢	0.8394¢	0.8394¢	0.8394¢	0.8394¢	0.8394¢
GSU	0.6405¢	0.6405¢	0.6405¢	0.6405¢	0.6405¢	0.6405¢
GT	0.4538¢	0.4538¢	0.4538¢	0.4538¢	0.4538¢	0.4538¢

**Energy Charges**

	<u>Summer</u>			<u>Winter</u>		
	<u>Midday Peak</u>	<u>Shoulder Peak</u>	<u>Off-Peak</u>	<u>Midday Peak</u>	<u>Shoulder Peak</u>	<u>Off-Peak</u>
GS	6.4446¢	6.4446¢	3.8443¢	5.6685¢	6.4807¢	3.6525¢
GP	6.2210¢	6.2210¢	3.7109¢	5.4717¢	6.2557¢	3.5257¢
GSU	6.0460¢	6.0460¢	3.6065¢	5.3178¢	6.0797¢	3.4265¢
GT	6.0399¢	6.0399¢	3.6029¢	5.3125¢	6.0737¢	3.4231¢

Midday-peak time shall be noon to 6 p.m. EST, Monday through Friday, excluding holidays.

Shoulder-peak time shall be 6 a.m. to noon and 6 p.m. to 10 p.m. EST, Monday through Friday, excluding holidays.

Holidays are defined as New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. Off-Peak shall be all other hours.

**RIDER CPP**  
**Experimental Critical Peak Pricing Rider**

For billing purposes, the winter rates shall be applicable beginning with service rendered September 1 through service rendered for May 31. The summer rates shall apply in all other billing periods.

- \* With day-ahead notification by the Company, the applicable Midday-Peak CPP Charge shall change to 30.2000¢ per kWh for up to 10 days for a period of 6 hours each day, noon to 6 p.m. EST, during the summer as determined by the Company ("Critical Peak Pricing Hours").

**METERING:**

The customer must arrange for interval metering consistent with the Company's Miscellaneous Charges, Tariff Sheet 75.

**NOTIFICATION:**

Customers served under this Rider shall be provided notification of Critical Peak Pricing Hours by the Company. Customers shall be provided clock times of the beginning and ending of Critical Peak Pricing Hours. Receipt of notifications of Critical Peak Pricing Hours shall be the sole responsibility of the customer.

Notification of Critical Peak Pricing Hours consists of an electronic message issued by the Company to a device or devices such as telephone, facsimile, pager or email, selected and provided by the customer and approved by the Company. Two-way information capability shall be incorporated by the Company and the customer in order to provide confirmation of receipt of notification messages. Operation, maintenance and functionality of such communication devices selected by the customer shall be the sole responsibility of the customer.

**TERM:**

This Rider shall expire with service rendered through May 31, 2014, unless earlier terminated by the Company.

A customer may terminate its participation in this Rider, effective with the next scheduled meter reading following at least 12 days notice to the Company by the customer. Customers who withdraw from participation in this Rider may not return to this Rider at any time.

**RIDER GEN**  
**Generation Service Rider**

**APPLICABILITY:**

For customers taking the Standard Service Offer electric generation service ("SSO Generation Service") from the Company, the following Standard Service Offer Generation Charges (SSOGC) by rate schedule, will apply, effective for service rendered beginning June 1, 2011, for all kWhs per kWh, unless otherwise noted:

Capacity costs resulting from annual PJM auctions (including the PJM-administered Fixed Resource Requirement auctions conducted in March 2010) will be calculated by Company and by tariff schedule based on the average of coincident peaks, including distribution losses, for the months of June through September of the year prior to the year in which the auction occurred. The calculated wholesale capacity costs are used to develop capacity charges.

These calculated wholesale capacity costs will be converted to an energy basis and will then be subtracted from the SSO CBP results to develop the non-capacity related energy charges.

**RATE:**

<u>Capacity Charges</u>	<u>Summer</u>	<u>Winter</u>
RS	0.9806¢	0.9806¢
GS	1.3572¢	1.3572¢
GP	0.8394¢	0.8394¢
GSU	0.6405¢	0.6405¢
GT	0.4538¢	0.4538¢
STL	0.0000¢	0.0000¢
TRF	0.2316¢	0.2316¢
POL	0.0000¢	0.0000¢

  

<u>Energy Charges</u>	<u>Summer</u>	<u>Winter</u>
RS	5.7377¢	4.8230¢
GS	5.7377¢	4.8230¢
GP	5.5386¢	4.6556¢
GSU	5.3828¢	4.5246¢
GT	5.3774¢	4.5201¢
STL	5.7377¢	4.8230¢
TRF	5.7377¢	4.8230¢
POL	5.7377¢	4.8230¢

**RIDER GEN**  
**Generation Service Rider**

**TIME-OF-DAY OPTION:**

For customers with the appropriate qualifying time-of-day metering and who elect to be served under the Time-Of-Day Option, the charge by rate schedule will be as shown below, for all kWhs, per kWh:

<u>Capacity Charges</u>	<u>Summer</u>			<u>Winter</u>		
	<u>Midday Peak</u>	<u>Shoulder Peak</u>	<u>Off-Peak</u>	<u>Midday Peak</u>	<u>Shoulder Peak</u>	<u>Off-Peak</u>
GS	1.3572¢	1.3572¢	1.3572¢	1.3572¢	1.3572¢	1.3572¢
GP	0.8394¢	0.8394¢	0.8394¢	0.8394¢	0.8394¢	0.8394¢
GSU	0.6405¢	0.6405¢	0.6405¢	0.6405¢	0.6405¢	0.6405¢
GT	0.4538¢	0.4538¢	0.4538¢	0.4538¢	0.4538¢	0.4538¢

  

<u>Energy Charges</u>	<u>Summer</u>			<u>Winter</u>		
	<u>Midday Peak</u>	<u>Shoulder Peak</u>	<u>Off-Peak</u>	<u>Midday Peak</u>	<u>Shoulder Peak</u>	<u>Off-Peak</u>
GS	10.0995¢	6.4446¢	3.8443¢	5.6685¢	6.4807¢	3.6525¢
GP	9.7490¢	6.2210¢	3.7109¢	5.4717¢	6.2557¢	3.5257¢
GSU	9.4748¢	6.0460¢	3.6065¢	5.3178¢	6.0797¢	3.4265¢
GT	9.4653¢	6.0399¢	3.6029¢	5.3125¢	6.0737¢	3.4231¢

Midday-peak time shall be noon to 6 p.m. EST, Monday through Friday, excluding holidays.

Shoulder-peak time shall be 6 a.m. to noon and 6 p.m. to 10 p.m. EST, Monday through Friday, excluding holidays.

Holidays are defined as New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. Off-Peak shall be all other hours.

A customer may terminate its participation in this time-of-day option at any time effective with the next scheduled meter reading. A qualifying customer may return to the time-of-day option at any time after a hiatus from the time-of-day option of at least one (1) year.

**METERING:**

The customer must arrange for time-of-day metering consistent with the Company's Miscellaneous Charges, Tariff Sheet 75.

**RIDER DSE**  
**Demand Side Management and Energy Efficiency Rider**

The Company reserves the right to revise such schedule consistent with the Commission's final rules, which may include modification or deletion of all or portions of this schedule.

**APPLICABILITY:**

Applicable to any customer that takes electric service under the Company's rate schedules. The following charges will apply, by rate schedule, effective for service rendered beginning July 1, 2011, for all kWhs per kWh:

<b><u>RATE:</u></b>	<b><u>DSE1</u></b>	<b><u>DSE2</u></b>
RS	0.0590¢	0.2819¢
GS	0.0590¢	0.0729¢
GP	0.0590¢	0.1265¢
GSU	0.0590¢	0.1304¢
GT	0.0590¢	0.1165¢
STL	0.0590¢	0.0000¢
TRF	0.0590¢	(0.1517)¢
POL	0.0590¢	0.0000¢

**PROVISIONS:**

1. The DSE1 charges set forth in this Rider recover costs incurred by the Company associated with customers taking service under the Economic Load Response Rider (ELR) and Optional Load Response Rider (OLR).
2. The DSE2 charges set forth in this Rider recover costs incurred by the Company associated with the programs that may be implemented by the Company to secure compliance with the, energy efficiency and peak demand reduction requirements in Section 4928.66, Revised Code through demand-response programs, energy efficiency programs, peak demand reduction programs, and self-directed demand-response, energy efficiency or other customer-sited programs. The costs initially deferred by the Company and subsequently fully recovered through this Rider will be all program costs, including but not limited to any customer incentives or rebates paid, applicable carrying costs, all reasonable administrative costs to conduct such programs, and lost distribution revenues resulting from the implementation of such programs.

**RIDER UPDATES:**

1. The DSE1 charges set forth in this Rider shall be updated semi-annually. No later than December 1st and June 1st of each year, the Company shall file with the PUCO a request for approval of the these charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st and July 1st of each year, beginning with the January 1, 2010 effective date.

**RIDER DSE**  
**Demand Side Management and Energy Efficiency Rider**

2. The DSE2 charges set forth in this Rider shall be updated semi-annually. No later than December 1st and June 1st of each year, the Company shall file with the PUCO a request for approval of the these charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st and July 1st of each year, beginning with the January 1, 2010 effective date. The deferred balance at April 30th and at October 31st of each year, utilizing a three year amortization schedule, will be used to calculate the semi-annual charges. This rider shall be in effect until all costs are fully recovered.

**AVOIDABILITY:**

1. The DSE1 charges set forth in this Rider are avoidable only for those customers taking service under Rider ELR and Rider OLR.
2. The DSE2 charges set forth in this Rider are avoidable for Non-Residential customers who (1) are not taking service under either a unique arrangement (special contract) or the Reasonable Arrangements Rider (RAR) and (2) meet the criteria of all of paragraphs a) through e) below.

Each customer applying to the Company to avoid the DSE2 charges must at a minimum meet all of the criteria set forth below and must submit to the Company verifiable information detailing how the criteria are met, and must provide an affidavit from a company official attesting to the accuracy and truthfulness of the information provided. Qualification and verification on an annual basis is required, subject to the Failure to Comply section of this rider.

- a) The customer identifies its capital investments and expenses related to customer-sited advanced energy resource programs, alternative energy programs, demand-response programs, energy efficiency programs or peak demand reduction programs.
- b) For consideration of avoidance of this Rider, the customer shall provide sufficient data to illustrate that it has undertaken or will undertake self-directed energy efficiency and/or demand reduction programs that have produced or will produce energy savings and/or peak demand reductions equal to or greater than the statutory benchmarks to which the Company is subject. The energy savings and demand reductions resulting from the customer's self-directed programs shall be calculated using the same methodology used to calculate the Company's energy savings and demand reductions for purposes of determining compliance with statutory benchmarks, including normalization adjustments to the baseline, where appropriate
- c) The customer commits, in writing, its customer-sited capabilities for integration into the Company's portfolio of programs such that the customer-sited capabilities shall assist the Company in satisfying the requirements in Section 4928.66, Revised Code.
- d) The customer demonstrates to the satisfaction of the Company that the avoidance of the DSE2 charges shall reasonably encourage the customer to commit its customer-sited capabilities for integration into the Company's portfolio of programs described above.
- e) The customer commits to use its best efforts to cooperate with and assist the Company in conjunction with any reviews conducted by a regulatory authority of the Company's efforts to utilize the customer's customer-sited capabilities to satisfy the requirements in Section 4928.66, Revised Code.

The customer must complete a standard application form in order to be considered for qualification to avoid charges under this Rider. The Company shall provide a standard application form upon request by the customer. Customers applying to avoid the DSE2 charges must successfully demonstrate that they have completed an energy efficiency project on or after January 1, 2006 without financial support from the Company. The burden of proof to successfully demonstrate compliance with the standard application form lies with the customer.



**RIDER DSE**  
**Demand Side Management and Energy Efficiency Rider**

Upon the Commission's approval of the customer's completed standard application form, the DSE2 charges shall be avoidable by the customer as long as, on an annual basis, the customer makes a filing with the Commission demonstrating that it remains eligible for the exemption under the criteria set forth herein.

Customer information provided to demonstrate eligibility under the criteria above shall remain confidential by the Company. Nonetheless, the name and address of customers eligible to avoid the DSE2 charges shall be public information. The Commission Staff shall have access to all customer and electric utility information related to service provided pursuant to the DSE2 charges for periodic and random audits.

**REPORTING REQUIREMENTS:**

Customers served under this Rider must submit an annual report to the Company (Director, Ohio Rates and Regulatory Affairs), no later than April 30th of each year. The format of that report shall be identical to the Standard Application Form such that a determination of the compliance with the eligibility criteria can be determined.

The burden of proof to demonstrate on-going compliance with this Rider lies with the customer.

**CONFIDENTIALITY:**

Customer information provided to demonstrate eligibility under this Rider shall remain confidential by the Company. The name and address of customers eligible for the schedules shall be public information. The Public Utilities Commission of Ohio shall have access to all customer and Company information related to service provided pursuant to this Rider for periodic and random audits.

**FAILURE TO COMPLY:**

If the customer being provided with service pursuant to this Rider fails to comply with any of the criteria for eligibility to avoid charges under this Rider, the Company will provide reasonable notice to the customer that the customer will pay all charges under this Rider. Furthermore, the Company shall charge the customer for the sum of all of the customer's avoided charges realized under this Rider, which the customer shall thus be obligated to pay.

**RIDER EDR**  
**Economic Development Rider**

**a. Residential Non-Standard Credit Provision**

**APPLICABILITY:**

Applicable to residential customers taking service under the Company's rate schedule RS to which the Company's Residential Distribution Credit Rider (RDC) applies. This Residential Non-Standard Credit Provision is not applied to customers during the period the customer takes electric generation service from a certified supplier.

**RATE:**

The following Residential Non-Standard credits are effective for service rendered beginning September 1, 2009, for all kWhs per kWh in excess of 500 kWhs per month which are consumed by the customer during the winter billing periods as defined in the Electric Service Regulations:

**Customer rate schedule as of December 31, 2008**

Residential Rate "R-02" (Add-On Heat Pump)-Original Sheet No. 11	(1.9000)¢
Residential Rate "R-06" (Space Heating and Water Heating)-Original Sheet No. 13	(1.9000)¢
Residential Rate "R-06a" (Space Heating and Water Heating)-Original Sheet No. 14	(1.9000)¢
Residential Rate "R-04" (Water Heating)-Original Sheet No. 15	(0.5000)¢
Residential Rate "R-04a" (Water Heating)-Original Sheet No. 16	(0.5000)¢
Residential Rate "R-07" (Space Heating)-Original Sheet No. 17	(1.9000)¢
Residential Rate "R-07a" (Space Heating)-Original Sheet No. 18	(1.9000)¢
Residential Rate "R-09" (Apartment Rate)-Original Sheet No. 19	(1.9000)¢
Residential Rate "R-09a" (Apartment Rate)-Original Sheet No. 20	(1.9000)¢

**b. Interruptible Credit Provision**

**APPLICABILITY:**

Applicable to all customers who took service under PUCO-approved contracts containing interruptible provisions as of February 1, 2008 and continue to take service based upon the Company's rate schedules GP, GSU, or GT in conjunction with the Company's Economic Load Response Program Rider (ELR). This Interruptible Credit Provision is not applied to customers during the period the customer takes electric generation service from a certified supplier.

**RATE:**

The following interruptible credits will apply, by rate schedule, effective for service rendered beginning June 1, 2011 by unit of Curtailable Load, as defined in Rider ELR:

GP (per kW)	\$ (5.000)
GSU (per kW)	\$ (5.000)
GT (per kW)	\$ (5.000)

**RIDER EDR**  
**Economic Development Rider**

**c. Non Residential Credit Provision**

**APPLICABILITY:**

Applicable to any customer taking General Service - Transmission (GT), Street Lighting (STL), Traffic Lighting (TRF), and Private Outdoor Lighting (POL) service under the Company's rate schedules. This Non-Residential Credit Provision is not applied during the period a customer takes electric generation service from a certified supplier.

**RATE:**

The following credits will apply, by rate schedule, effective for service rendered beginning June 1, 2011, for all kWhs, per kWh:

GT	(0.0000)¢
STL	(1.6827)¢
TRF	(1.1562)¢
POL	(0.0000)¢

**d. General Service - Transmission (Rate GT) Provision**

**APPLICABILITY:**

Applicable to any customer taking service under the Company's General Service – Transmission (Rate GT). This provision is not avoidable for customers who take electric generation service from a certified supplier.

**RATE:**

The following charge will apply, effective for service rendered beginning June 1, 2009:

GT (per kVA of billing demand)	\$ 8.000
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The following credit will apply, effective for service rendered beginning October 1, 2011:

GT (all kWhs, per kWh)	(1.8851)¢
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**ADDITIONAL PROVISION:**

The charges provided for by Section (d) of this Rider shall be applied to the greater of (i) the measured monthly on-peak demand, or (ii) 25% of the measured monthly off-peak demand. Monthly on-peak demand is defined as the highest thirty (30) minute integrated kVA between the hours of 6:00 a.m. to 10:00 p.m. EST (equivalent to 7:00 a.m. to 11:00 p.m. EDT), Monday through Friday, excluding holidays. Holidays are defined as New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. Monthly off-peak demand is defined as the highest thirty (30) minute integrated kVA for all other hours. This provision of Rider EDR is reconciled within this subpart (d) quarterly and is revenue neutral to the Companies.

**RIDER EDR**  
**Economic Development Rider**

**e. Standard Charge Provision**

**APPLICABILITY:**

Applicable to any customer that takes electric service under the Company's rate schedules. This Standard Charge Provision is not avoidable for customers who take electric generation service from a certified supplier.

**PURPOSE:**

The charges provided for by Section (e) of this Rider recover the difference in revenues resulting from the application of rates in the otherwise applicable rate schedule, and the application of credits in sections (a), (b), (c), and (f), of this Rider.

**RATE:**

The following charges will apply, by rate schedule for all kWhs per kWh:

GS	0.0852¢
GP	0.3706¢

**f. School Credit Provision**

**APPLICABILITY:**

Applicable to any public school district building that either: 1) was served under the Company's Energy for Education II program on December 31, 2008, or 2) is a new public school district building in a school district served under the Company's Energy for Education II program on December 31, 2008 of which fifty-percent (50%) or more of the total square footage of such building is used for classroom-related purposes including any such building that is a mobile unit or temporary structure. This School Credit Provision is not applied to customers during the period the customer takes electric generation service from a certified supplier.

**RATE:**

All applicable charges specified in Company's Generation Service Rider (GEN) for General Service - Secondary ("Rate GS"), General Service Primary ("GP"), or General Service - Subtransmission ("GSU") rates, shall be reduced by 8.693 percent.

**RIDER EDR**  
**Economic Development Rider**

**g. Infrastructure Improvement Provision**

**APPLICABILITY:**

Applicable to any customer that takes electric service under the Company's rate schedules with the exception of Street Lighting (STL), Traffic Lighting (TRF), and Private Outdoor Lighting (POL). This Infrastructure Improvement Provision is not avoidable for customers who take electric generation service from a certified supplier. Charges will be allocated in the same manner as the revenue was allocated in the Company's last distribution rate case, with the exception that no charges are allocated to the Street Lighting (STL), Traffic Lighting (TRF) and Private Outdoor Lighting (POL) schedules.

**PURPOSE:**

The charges provided for by Section (g) of this Rider recover costs associated with certain economic expansion and new employment in Ohio.

**RATE:**

The following charges will apply, by rate schedule for all kWhs per kWh:

RS	0.0574¢
GS	0.0391¢
GP	0.0151¢
GSU	0.0057¢
GT	0.0019¢

**h. Automaker Credit Provision**

**APPLICABILITY:**

Applicable to domestic automaker facilities with more than 45 million kilowatt-hours of consumption for the 12 monthly billing periods ended December 31, 2009 at a single site. This Automaker Credit Provision is available for customers who take electric generation service from a certified supplier.

**RATE:**

All credits included in Section (h) of this Rider are applied only to usage that exceeds the average of the customer's twelve (12) billing periods ended December 31, 2009 ("Baseline Usage").

First 20 percent of kWh's over Baseline Usage, per kWh	(1.0000)¢
All kWh's exceeding 20% over Baseline Usage, per kWh	(1.2000)¢

**RIDER EDR**  
**Economic Development Rider**

**i. Automaker Charge Provision**

**APPLICABILITY:**

Applicable to any customer that takes electric service under the Company's rate schedules with the exception of General Service - Transmission (GT), Street Lighting (STL), Traffic Lighting (TRF), and Private Outdoor Lighting (POL). This Automaker Charge Provision is not avoidable for customers who take electric generation service from a certified supplier.

**PURPOSE:**

The charges provided for by Section (i) of this Rider recover costs associated with implementation of the Automaker Credit Provision.

**RATE:**

The following charge will apply effective for service rendered beginning October 1, 2011, for all kWhs per kWh:

Automaker Charge	0.0080¢
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**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company will file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year, beginning October 1, 2011. After May 31, 2014, all provisions of this Rider, except for the Infrastructure Improvement Provision - Section (g), shall be used for reconciliation purposes only.

**RIDER DGC**  
**Deferred Generation Cost Recovery Rider**

**APPLICABILITY:**

Applicable to any customer who receives electric service under the Company's rate schedules. The following Deferred Generation Cost Recovery Rider (DGC) charges will apply, by rate schedule, effective on a service rendered basis, for all kWhs per kWh. This Rider is not avoidable for customers who take electric generation service from a certified supplier.

**RATE:**

RS	0.0000¢
GS	0.0000¢
GP	0.0000¢
GSU	0.0000¢
GT	0.0000¢
STL	0.0000¢
TRF	0.0000¢
POL	0.0000¢

**PROVISIONS:**

The amount of this Rider reflects recovery of generation costs deferred from June 2009 through May 2011 due to any future Commission Order plus the associated Commission approved carrying costs on the unrecovered deferred cost balance.

**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on an annual basis, or more frequently if necessary, beginning June 1, 2011. The Company shall file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on the first day of the subsequent month, but no less than 30 days after the filing of such request.

**RIDER DFC**  
**Deferred Fuel Cost Recovery Rider**

**APPLICABILITY:**

Applicable to any customer who receives electric service under the Company's rate schedules. The Deferred Fuel Cost Rider (DFC) charge will apply, for all rate schedules, effective for service rendered beginning January 1, 2011, for all kWhs per kWh. This Rider is not avoidable for customers who take electric generation service from a certified supplier.

The amount of this Rider reflects eligible fuel costs deferred from January 2006 through December 2007, plus the associated Commission approved carrying costs on the unrecovered deferred cost balance.

**RATE:**

DFC charge

0.0257¢



**RIDER NMB**  
**Non-Market-Based Services Rider**

**APPLICABILITY:**

Applicable to any customer who receives electric service under the Company's rate schedules. The Non-Market-Based Services Rider (NMB) charge will apply, by rate schedule, effective for service rendered as described below. This Rider is not avoidable for customers who take electric generation service from a certified supplier.

**PURPOSE:**

The Non-Market-Based Services Rider (NMB) will recover non-market-based costs, fees or charges imposed on or charged to the Company by FERC or a regional transmission organization, independent transmission operator, or similar organization approved by FERC including, but not limited to: (i) PJM Interconnection, L.L.C. ("PJM") charges assessed under Schedule 1 (Scheduling, System Control and Dispatch Service), Schedule 1A (Transmission Owner Scheduling, System Control and Dispatch Services), Schedule 2 (Reactive Supply and Voltage Control from Generation or Other Sources Services), "Network Integration Transmission Service (NITS)" under the PJM Agreements, Schedule 11 (Transitional Market Expansion Charge) and Schedule 12 (Transmission Enhancement Charge) of the PJM Tariff, and (ii) Midwest Independent Transmission System Operator, Inc. ("MISO") Transmission Expansion Plan (MTEP) charges assessed under Schedule 26 of the MISO Tariff, whether assessed directly by MISO, PJM or American Transmission Systems, Incorporated.

Rider NMB may be updated: 1) to account for changes in existing non-market-based costs, fees or charges and 2) to include any non-market-based costs, fees or charges that were not yet in effect on the effective date of this Rider and/or otherwise imposed on or charged to the Company by FERC or a regional transmission organization, independent transmission operator, or similar organization approved by FERC.

**RATE:**

The NMB charge for each rate schedule shall be calculated as follows:

$$\text{NMB} = \left[ \frac{\text{NMBC} - \text{E}}{\text{BU}} \right] \times \left[ \frac{1}{1 - \text{CAT}} \right]$$

Where:

**NMBC** = The amount of the Company's total projected Non-Market-Based Services-related costs for the Computation Period, allocated to each rate schedule.

The Computation Period over which NMB will apply shall be June 1 through May 31 of each year.

**E** = Starting June 1, 2012, any net over- or under-collection of the Non-Market-Based Services-related costs, including applicable interest, invoiced during the period from June 1, 2011 to March 31, 2012, allocated to rate schedules. Thereafter, E will be calculated for the 12-month period ending March 31 immediately preceding the Computation Period.

**RIDER NMB**  
**Non-Market-Based Services Rider**

- BU** = Forecasted billing units for the Computation Period for each rate schedule.
- CAT** = The Commercial Activity Tax rate as established in Section 5751.03 of the Ohio Revised Code.

**NMB charges:**

RS (all kWhs, per kWh)	0.3986¢
GS* (per kW of Billing Demand)	\$ 1.4769
GP* (per kW of Billing Demand)	\$ 1.2700
GSU (per kVa of Billing Demand)	\$ 1.7260
GT (per kVa of Billing Demand)	\$ 0.9610
STL (all kWhs, per kWh)	0.0000¢
TRF (all kWhs, per kWh)	0.0941¢
POL (all kWhs, per kWh)	0.0000¢

- \* Separately metered outdoor recreation facilities owned by non-profit, governmental and educational institutions, such as athletic fields, served under Rate GS or GP, primarily for lighting purposes, will be charged per the NMB charge applicable to Rate Schedule POL.

**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on an annual basis. The Company will file with the PUCO a request for approval of the Rider NMB charges on or before May 1 of each year which, shall become effective on a service rendered basis on June 1 through May 31 of the subsequent year, unless otherwise ordered by the Commission.

**RIDER RDD**  
**Residential Deferred Distribution Cost Recovery Rider**

**APPLICABILITY:**

Applicable to any residential customer who receives electric service under the Company's rate schedules. The Residential Deferred Distribution Cost Recovery Rider (RDD) charge will apply, effective for service rendered beginning September 1, 2010 and continuing until recovery of the actual August 31, 2009 balances related to the post May 31, 2007, ETP Transition Tax, Line Extension and RCP Distribution deferrals, including applicable interest, is completed. This Rider is not avoidable for customers who take electric generation service from a certified supplier.

**RATE:**

	<u>Summer</u>	<u>Winter</u>
All kWh (per kWh)	0.0000¢	0.0003¢

**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled May 31, 2010, December 31, 2010, and May 31, 2011. For the May 2010 and May 2011 reconciliation, the Company shall file with the Public Utilities Commission of Ohio ("PUCO") a request for approval of the rider updated charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis September 1, 2010 and September 1, 2011, respectively. The rider charges resulting from the December 31, 2010 reconciliation will become effective in January 2011 upon filing with the PUCO subject to final reconciliation in May 2011. Regardless of the scheduled reconciliation periods, the deferred balance will be tracked and the charges will actually cease with the billing portion immediately following the one in which full recovery of the deferred balances is achieved.

**RIDER NDD**  
**Non-Residential Deferred Distribution Cost Recovery Rider**

**APPLICABILITY:**

Applicable to any non-residential service customer who receives electric service under the Company's rate schedules<sup>1</sup>. The Non-Residential Deferred Distribution Cost Recovery Rider (NDD) charge will apply, by rate schedule, effective for service rendered as described in the following section to recover the actual August 31, 2009 balances related to the post May 31, 2007, ETP Transition Tax, Line Extension and RCP Distribution deferrals, plus applicable interest. This Rider is not avoidable for customers who take electric generation service from a certified supplier.

**RATE:**

	<u>Summer</u>	<u>Winter</u>
GS <sup>1</sup> (all kWhs, per kWh)	0.0000¢	0.6015¢
GP <sup>1,2</sup> (per kW of Billing Demand)	\$ 0.0000	\$ 0.7320
GSU <sup>1</sup> (per kVa of Billing Demand)	\$ 0.0000	\$ 0.2300
GT (per kVa of Billing Demand)	\$ 0.0000	\$ 0.0610
STL (all kWhs, per kWh)	0.0000¢	2.3402¢
TRF (all kWhs, per kWh)	0.0000¢	0.2561¢
POL (all kWhs, per kWh)	0.0000¢	2.4511¢

**Note:**

- 1 Customers subject to the School Credit Provision of Rider EDR are exempted from this Rider.
- 2 Separately metered outdoor recreation facilities owned by non-profit governmental and educational institutions, such as athletic fields, served under Rate GP, primarily for lighting purposes, will be charged per the NDD charge applicable to Rate Schedule GS.

**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled May 31, 2010, December 31, 2010, and May 31, 2011. For the May 2010 and May 2011 reconciliation, the Company shall file with the Public Utilities Commission of Ohio ("PUCO") a request for approval of the rider updated charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis September 1, 2010 and September 1, 2011, respectively. The rider charges resulting from the December 31, 2010 reconciliation will become effective in January 2011 upon filing with the PUCO subject to final reconciliation in May 2011.

**RIDER RER**  
**Residential Electric Heating Recovery Rider**

**APPLICABILITY:**

Applicable to any residential customer that takes electric service under the Company's rate schedules. The Residential Electric Heating Recovery Rider (RER) charges will apply, by rate schedule, effective for service rendered as described below. This Rider is not avoidable for customers who take electric generation service from a certified supplier.

**PURPOSE:**

The charges provided for in this Rider recover deferred purchased power costs which represent the differential between the amounts paid by customers that received or are receiving Rider RGC credits and the amounts that otherwise would have been paid by those customers but for the Commission's orders and entries in the 10-176-EL-ATA proceeding, including applicable interest.

1. The RER1 charge set forth in this Rider recovers deferred purchased power costs associated with the 10-176-EL-ATA proceeding incurred by the Company from the implementation of Rider RGC through June 30, 2011, including applicable interest.
2. The RER2 charge set forth in this Rider recovers on-going deferred purchased power costs not otherwise recovered through the RER1 charge per the Order in Case No. 10-176-EL-ATA dated May 25, 2011, including applicable interest.

**RATE:**

The following charges will apply, by rate schedule for all kWhs per kWh:

	<u>RER1</u>	<u>RER2</u>
RS	0.2142¢	0.1950¢

**RIDER UPDATES:**

The RER charges set forth in this Rider shall be updated and reconciled on a semi-annual basis. No later than December 1st and June 1st of each year, the Company shall file with the PUCO a request for approval of these rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st and July 1st of each year.

**RIDER RGC**  
**Residential Generation Credit Rider**

**APPLICABILITY:**

Applicable to any customer taking service under Rate Schedule RS who took service from the Company under one of the following rate schedules as of January 1, 2007, or any subsequent customer at that same service address, who continues to comply with the requirements of the previously applicable rate schedule set forth below, and who uses electricity as their primary or sole source of heat at that address:

**RGC1**

Residential Rate "R-02" (Add-On Heat Pump)	Original Sheet No. 11
Residential Rate "R-06" (Space Heating and Water Heating)	Original Sheet No. 13
Residential Rate "R-06a" (Space Heating and Water Heating)	Original Sheet No. 14
Residential Rate "R-07" (Space Heating)	Original Sheet No. 17
Residential Rate "R-07a" (Space Heating)	Original Sheet No. 18

**RGC2**

Residential Rate "R-09" (Apartment Rate)	Original Sheet No. 19
Residential Rate "R-09a" (Apartment Rate)	Original Sheet No. 20

This Residential Generation Credit Rider (RGC) credit is effective for service rendered beginning October 31 through March 31, for kWhs consumed by the customer during each winter billing period, as defined in the Electric Service Regulations. This Rider is not avoidable for customers who take electric generation service from a certified supplier.

**RATE:**

	<u>RGC1*</u>	<u>RGC2**</u>
RGC credit	(3.1000)¢	(4.0800)¢

\* Will apply for all kWhs in excess of 2,000 kWhs, per kWh

\*\* Will apply for the first 2,000 kWhs, per kWh

**ADDITIONAL PROVISION:**

Any customer taking service under Rate Schedule RS who took service from the Company under one of the above rate schedules as of January 1, 2007, or any subsequent customer at that same service address, who continues to comply with the requirements of the previously applicable rate schedule set forth above, and who takes electric generation service from a certified supplier, will have generation charges shall be reduced by 1.90¢ per kWh for all kWhs in excess of 500 kWhs consumed by the customer during each winter billing period as defined in the Electric Service Regulations.

**RIDER DCR**  
**Delivery Capital Recovery Rider**

**APPLICABILITY:**

Applicable to any customer who receives electric service under the Company's rate schedules set forth below. The Delivery Capital Recovery Rider (DCR) charges will apply, by rate schedule, effective for bills rendered beginning January 1, 2012. This Rider is not avoidable for customers who take electric generation service from a certified supplier.

**RATE:**

RS (all kWhs, per kWh)	0.0000¢
GS (per kW of Billing Demand)	\$ 0.0000
GP (per kW of Billing Demand)	\$ 0.0000
GSU (per kVa of Billing Demand)	\$ 0.0000

**PROVISIONS:**

The charges set forth in this Rider recover costs associated with delivery plant investments made since the date certain in Case No. 07-551-EL-AIR, exclusive of any delivery plant investments being recovered elsewhere.

**RIDER UPDATES:**

The charges contained in this Rider shall be updated on a quarterly basis. No later than October 31st, January 31st, April 30th and July 30th of each year, the Company will file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a bills rendered basis on January 1st, April 1st, July 1st and October 1st of each year.