

The Cleveland Electric Illuminating Company  
Cleveland, Ohio

**P.U.C.O. NO. 13**  
**ELECTRIC SERVICE**

Filed pursuant to Opinion and Order dated July 19, 2000, in Case No. 99-1212-EL-ETP before  
The Public Utilities Commission of Ohio

Issued by H. Peter Burg, President

Effective: January 1, 2003

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**DEFINITIONS**

**CLASS OF SERVICE**

The electric service supplied for a Customer as identified by rate schedules and such characteristics as voltage level, number of phases, frequency and type of feeder regulation.

**COMBINATION OF METER REGISTRATIONS**

The total kilowatthours registered by the metering equipment of two or more installations on the same Premises and/or the undiversified total kilowatt demands of such installations separately determined.

**COMPANY**

The Cleveland Electric Illuminating Company which is under the jurisdiction of the Public Utilities Commission of Ohio.

**COMMISSION**

The Public Utilities Commission of Ohio.

**CONSUMER**

Any person who is the ultimate user of electric service.

**CUSTOMER**

Any person who enters a contractual agreement with the Company to receive electric service.

**DEMAND**

The electric capacity or load measured by company approved metering. Demand is the rate at which electric energy is delivered, measured in kilowatts (kW).

**DEMAND BILLING**

The Customer's monthly demand for billing purposes shall be the highest thirty (30) minute integrated kW attained during that monthly billing period. The 30-minute period is determined by Company approved metering and is not restricted to any specific 30-minute start and stop period. The Company may establish shorter or longer periods for demand billing upon Commission approval.

**GENERAL DISTRIBUTION LINES**

The permanent transmission or distribution lines and associated equipment, located in public highways, or along lot lines of lots, or upon private right-of-way, to make service generally available to the public, but excluding therefrom overhead loops, underground services, and special construction and facilities installed for the benefit of a Customer or Consumer.

## **DEFINITIONS**

### **HOLIDAYS**

For off-peak billing purposes, Holidays are: New Year's Day, Good Friday, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, and the day recognized by the Company as President's Day and Memorial Day.

### **ON-PEAK TIME**

Unless otherwise specified, the period from 8:00 a.m. until 8:00 p.m. weekdays, except Holidays.

### **OFF-PEAK TIME**

Unless otherwise specified, Saturdays, Sundays, Holidays and other periods defined as not "On-Peak."

### **PREMISES**

Land and appurtenances, owned by the same Consumer, which are contiguous. Streets and railways and public rights-of-way may intervene in contiguous premises, but a right-of-way solely for the purpose of connecting two properties not otherwise contiguous will not qualify the two properties as contiguous.

### **REDISTRIBUTION**

The furnishing by one person or corporation of electric energy to another person or corporation without making any specific charge with respect thereto.

### **REDISTRIBUTION FOR RESALE**

The furnishing of electric energy by one person or corporation to another person or corporation under any circumstances or arrangement, whereby the person so furnishing electric energy makes a specific charge for such energy, such as by estimating, flat charge or separate contract.

### **SEPARATE INSTALLATION**

A Customer's electrical facility on one premises using one Class of Service and supplied by one service connection at one location.

### **SUBMETERING**

The furnishing of electric energy by one person or corporation to another person or corporation under any circumstances or arrangement, whereby the person so furnishing electric energy makes a separate specific charge for such energy, as determined by metering.

TERRITORY SERVED

ASHTABULA COUNTY,  
OHIO

Ashtabula  
Ashtabula Twp.  
Austinburg Twp.  
Cherry Valley Twp.  
Colebrook Twp.  
Conneaut  
Denmark Twp.  
Dorset Twp.  
Geneva  
Geneva Twp.  
Geneva-on-the-Lake VII.  
Harpersfield Twp.  
Hartsgrove Twp.  
Jefferson VII.  
Jefferson Twp.  
Kingsville Twp.  
Lenox Twp.  
Monroe Twp.  
Morgan Twp.  
New Lyme Twp.  
North Kingsville VII.  
Orwell Twp.  
Orwell VII.  
Pierpont Twp.  
Plymouth Twp.  
Richmond Twp.  
Rock Creek VII.  
Roaming Shores VII.  
Rome Twp.  
Saybrook Twp.  
Sheffield Twp.  
Trumbull Twp.  
Windsor Twp.

Abbreviations:

Township - Twp.  
Village - VII.

CUYAHOGA COUNTY,  
OHIO

Bay Village (City of)  
Beachwood  
Bedford  
Bedford Heights  
Bentleyville VII.  
Berea  
Bratenahl VII.  
Brecksville  
Broadview Heights  
Brook Park  
Brooklyn  
Brooklyn Heights VII.  
Chagrin Falls Twp.  
Chagrin Falls VII.  
Cleveland  
Cleveland Heights  
Cuyahoga Heights VII.  
East Cleveland  
Euclid  
Fairview Park  
Garfield Heights  
Gates Mills VII.  
Glenwillow VII.  
Highland Heights  
Hunting Valley VII.  
Independence  
Lakewood  
Linndale VII.  
Lyndhurst  
Maple Heights  
Mayfield VII.  
Mayfield Heights  
Middleburg Heights  
Moreland Hills VII.  
Newburgh Heights VII.  
North Olmsted  
North Randall VII.  
North Royalton  
Oakwood VII.  
Olmsted Falls  
Olmsted Twp.  
Orange VII.  
Parma

CUYAHOGA COUNTY,  
OHIO

Parma Heights  
Pepper Pike  
Richmond Heights  
River Edge Twp.  
Rocky River  
Seven Hills  
Shaker Heights  
Solon  
South Euclid  
Strongsville  
University Heights  
Valley View VII.  
Walton Hills VII.  
Warrensville Heights  
Warrensville Twp.  
Westlake  
Woodmere VII.

GEAUGA COUNTY, OHIO

Aquila VII.  
Auburn Twp.  
Bainbridge Twp.  
Burton Twp.  
Burton VII.  
Chardon Twp.  
Chardon VII.  
Chester Twp.  
Claridon Twp.  
Hambden Twp.  
Hunting Valley VII.  
Huntsburg Twp.  
Middlefield Twp.  
Middlefield VII.  
Montville Twp.  
Munson Twp.  
Newbury Twp.  
Parkman Twp.  
Russell Twp.  
South Russell VII.  
Thompson Twp.  
Troy Twp.

LAKE COUNTY, OHIO

Concord Twp.  
Eastlake  
Fairport Harbor VII.  
Grand River VII.  
Kirtland  
Kirtland Hills VII.  
Lakeline VII.  
Leroy Twp.  
Madison Twp.  
Madison VII.  
Mentor  
Mentor-on-the-Lake  
North Perry VII.  
Painesville Twp.  
Perry Twp.  
Perry VII.  
Timberlake VII.  
Waite Hill VII.  
Wickliffe  
Willoughby  
Willoughby Hills  
Willowick

LORAIN COUNTY, OHIO

Avon  
Avon Lake  
Columbia Twp.  
North Ridgeville

MEDINA COUNTY, OHIO

Hinckley Twp.

PORTAGE COUNTY, OHIO

Aurora  
Hiram Twp.  
Mantua Twp.

SUMMIT COUNTY, OHIO

Macedonia  
Richfield Twp.  
Sagamore Hills Twp.

TRUMBULL COUNTY,  
OHIO

Bloomfield Twp.  
Mesopotamia Twp.

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**ELECTRIC SERVICE**  
**STANDARD RULES AND REGULATIONS**

**I. GENERAL PROVISIONS**

- A. Filing:** The Schedule of Rates and the Standard Rules and Regulations for the supply of electric service throughout the territory served by the Company are filed with The Public Utilities Commission of Ohio. Copies are available for public inspection at the Company's business offices.
- B. Revisions:** The Company's Schedule of Rates and the Standard Rules and Regulations as herein contained may be terminated, amended, supplemented or otherwise changed from time to time only in accordance with law and the rules promulgated thereunder by The Public Utilities Commission of Ohio. No agent, representative or employee of the Company has any right to modify or alter any provision of the Company's Schedule of Rates or the Standard Rules and Regulations.
- C. Applicability:** These rules and 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.

If the customer requests service on the same day on which the application for service is made, and if the Company can fulfill that request, the Company will charge the customer a fee equivalent to the Reconnection Charge as shown in the Company's Tariff No. 75, Miscellaneous Charges, to recover the Company's cost for a nonscheduled connection. This fee may be collected at the time of the application or charged with the customer's next monthly billing, at the Company's discretion.



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**ELECTRIC SERVICE**  
**STANDARD RULES AND REGULATIONS**

- 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 rules and regulations.
- C. Service contract the entire agreement:** 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. Large capacity arrangements:** Existing customers who seek to substantially (by at least 1,000 kW) increase 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 contract and other 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.
- E. Refusal of application:** The Company may refuse to provide electric service for the reasons specified in the provisions 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 formerly receiving services at the same premises as customers of the Company, provided the former customers are continuing to reside at such premises.

**III. CREDITWORTHINESS AND DEPOSITS**

- A. Establishment of Creditworthiness:** As prescribed by the Ohio Administrative Code, applicants may be required by the Company to establish creditworthiness, which may include providing a cash deposit, as a condition to furnishing or continuing to furnish service. Interest will be paid on cash deposits as prescribed by the Ohio Administrative Code.
- B. Return of deposit:** Deposits plus accrued interest will be returned to the customer in accordance with the provisions of the Ohio Administrative Code.

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**ELECTRIC SERVICE**  
**STANDARD RULES AND REGULATIONS**

**IV. CHARACTER 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 does provide 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 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.

**V. APPLICABILITY OF RATE SCHEDULES**

- A. 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.
- B. Auxiliary service and stand-by service:** The charges contained in the Company's Schedule of Rates, unless otherwise specified, do not apply when the Company's service is used for auxiliary service or stand-by service to any other source of energy.

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**ELECTRIC SERVICE**  
**STANDARD RULES AND REGULATIONS**

"Auxiliary service" is that service which supplements another source of supply where arrangements are made so that either source or both sources can be utilized in whole or in part. .

"Stand-by service" is that service which can be used for reserve or in case of an emergency breakdown or failure of the regular source of supply.

Separate rate schedules are available for auxiliary service and for stand-by service.

**VI. CHOICE OF RATE SCHEDULES**

- A. Alternative rate schedules:** Where two or more alternative rate schedules are applicable to the same class of service, the Company, upon request, will assist a customer in determining the most advantageous rate schedule, provided, however, that the customer shall select the rate schedule on which the application or contract shall be based. No refund will be made representing the difference in charges under different rate schedules applicable to the same class of service.

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.

- B. Street Lighting rate schedules:** No schedule of rates shall be applicable to energy used for street lighting unless such schedule specifically states that it relates to the supply of energy for street lighting service.

**VII. BILLING**

- 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 cover a period of approximately 30 days.
- B. Payment:** Payment is due at the time specified in the applicable rate schedule. When the due date for payment falls on Saturday, Sunday or a holiday the due date for payment is extended to the following business day.

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**ELECTRIC SERVICE**  
**STANDARD RULES AND REGULATIONS**

- C. Transfer of final bill:** If the Customer fails to pay in full or portion 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 be designated as a past due amount on the account at such second location and be subject to collection and disconnection action in accordance with Chapter 4901:1-18 of the Ohio Administrative Code, the Company's filed tariffs and its Standard Rules and Regulations, as are applicable to that customer, provided that such transfer of a final bill shall not be used to disconnect service to a residential Customer who is not responsible for such bill.

This provision shall not be construed to permit disconnection of a residential account for an unpaid final bill at such a second location if the customer initiated another such account at least ninety (90) days prior to termination of service to the account for which the final bill was rendered.

- D. 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:
- (a) Where the applicable schedule of rates specifically authorizes the combination of meter registrations, or
  - (b) 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.
- E. Uniform monthly payment plan:** The Company has available for residential customers a plan providing for uniform monthly payments for electric service over specified annual periods.

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**ELECTRIC SERVICE**  
**STANDARD RULES AND REGULATIONS**

- F. Estimated Bills:** The Company attempts to read meters on a monthly 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 and estimated customer load characteristics. 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. The recalculated amount will be compared with the amount originally billed and the customer will be billed the lesser of the two amounts.
- G. Dishonored Checks:** The customer shall be charged for the cost incurred by the Company for processing checks that are returned by the bank. That charge shall be the amount provided for in the Company's Tariff No. 75, Miscellaneous Charges, on file with The Public Utilities Commission. This charge shall be collected at the time of payment or rendered with the customer's next monthly billing.
- H. Service Restoration Charge:** The customer will be charged a fee (see Miscellaneous Charges Tariff No. 75) to cover the additional cost incurred by the Company when making a field call to the customer's location solely to replace fuses or reset circuit breakers owned by the customer. This service charge will be assessed only when there is more than one request for such service in a calendar year.

**VIII. SERVICE CONNECTIONS AND LINE EXTENSIONS**

- A. Secondary Voltage Service Connection**
- 1. Overhead Secondary 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.

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**ELECTRIC SERVICE**  
**STANDARD RULES AND REGULATIONS**

- 2. Underground Secondary 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 installed of 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. Underground service connection facilities paid for by the customer shall be owned and maintained by the Company. 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 replace such facilities when required
- 3. Change in Service Connections:** Should any change in the Company 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 Facilities:** Temporary service is any separate installation that the Company does not expect to be permanent or regarding which 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 electric service is required temporarily 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.

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**ELECTRIC SERVICE**  
**STANDARD RULES AND REGULATIONS**

**B. LINE EXTENSIONS**

**1) Definitions:**

General Service Installation - Any line extension requested 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 require their own General Service Installation in order to be connected to the Company's distribution system.

Line Extension - the provision of such facilities (poles, fixtures, wires and appurtenances) as are necessary for delivering electrical energy to one or more customers located such that they cannot be adequately supplied from a secondary system of the Company's existing distribution system.

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 Single Family Installation - Any line extension to a new home (or home site) where the service connection requested is no more than 200 amp/single phase service, where the Company's cost to build the line extension is \$5,000 or greater, and where no premium service is requested. A home with a Non-Standard Single Family Installation will have one account for electric service with the Company.

Residential Installation - A Standard Single Family Installation, a Non-Standard Single Family Installation, or a Multi-Family Installation.

Standard Single Family Installation - Any line extension to a new home (or home site) where the service requested is no more than 200 amp/single phase service, where the Company's cost to build the line extension is less than \$5,000, and where no premium service has been requested. A home with a Standard Single Family Installation will have one account for electric service with the Company.

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**ELECTRIC SERVICE**  
**STANDARD RULES AND REGULATIONS**

**2) Terms and Conditions:**

a. Residential Installations:

- i. A customer, developer, or builder requesting a Standard Single Family Installation shall make an up-front payment to the Company of \$300 per lot that the line extension is to serve. Through January 1, 2008, any customer taking electric service at a home that has had a Standard Single Family Installation for which such an up-front payment was made must pay the Company a monthly amount of \$8.

The \$300 up-front payment by a customer, developer, or builder shall be reduced to \$100 per lot if the home to be built has geothermal heating and cooling equipment.

- ii. A customer, developer, or builder requesting a Non-Standard Single Family Installation shall make an up-front payment to the Company of \$300 per lot that the line extension is to serve. Through January 1, 2008, any customer taking electric service at a home that has had a Non-Standard Single Family Installation for which such an up-front payment has been made must pay the Company a monthly adder equal to 2% of the line extension costs in excess of \$5,000, and additionally pay the Company a monthly amount of \$8.
- iii. A customer, developer, or builder requesting a Multi-Family Installation shall make an up-front payment to the Company of \$100 per unit that the line extension is to serve. Through January 1, 2008, any customer taking electric service at a dwelling that has had a Multi-Family Installation for which such an up-front payment has been made shall pay the Company a monthly amount of \$4.



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**ELECTRIC SERVICE**  
**STANDARD RULES AND REGULATIONS**

b. General Service Installations:

i. Payments:

A customer, developer, or builder requesting a General Service Installation shall make an up-front payment to the Company equal to 40% of the Company's cost of the line extension, plus any amount that the Company is authorized to collect from the developer or builder under the Credit Back provisions below. The customer, developer, or builder shall not be required to pay a tax gross up on the 40% payment. Through January 1, 2008, any customer taking electric service at a facility that has had a General Service Installation for which such an up-front payment has been made shall pay the Company a monthly amount equal to one-half percent (0.5%) of that portion of the Company's cost of the line extension that has been allocated to the customer within the overall development. The line extension costs shall be allocated to the individual customers within a development based on the acreage of the parcel occupied by the customer as a percentage of the total acreage of all parcels to be occupied by customers in the development. The monthly payments for each customer shall begin with the first bill rendered after the customer's meter begins to register electric usage.

ii. If the requested General Service Installation consists of multiple segments (for example, a main trunk within a development and the lines connecting each customer to the trunk), the charges in paragraph i. above shall apply separately to each segment.

iii. Credit Back:

Credit Back is the process whereby the developer of a commercial or industrial development that benefits from a previous General Service Installation on adjacent property can be required to reimburse the initial developer for a portion of the initial developer's 40% up-front payment to the Company. Where the notice set forth below is provided, the Company is authorized to collect an amount, as determined below, from the subsequent developer and, upon collection, remit that amount to the original developer, provided that the application for electric service to the subsequent development is made within 48 months of the date on which payment was made to the Company by the initial developer. The Credit Back shall not apply to line extensions paid for by an initial developer where construction of such line extension begins after the effective date of rates set in the Company's next general distribution rate case. The initial developer is entitled to two Credit Back reimbursements, but the Company will consider requests for additional reimbursement from the subsequent developer where the initial developer can demonstrate to the Company that the amount of reimbursement would exceed \$1,000.

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**ELECTRIC SERVICE**  
**STANDARD RULES AND REGULATIONS**

In order to trigger the Credit Back process, the initial developer must give notice to the Company and to the subsequent developer of its intent to claim under this provision, no later than 30 days after the start of construction on the subsequent development. The notice to the subsequent developer shall state that a credit may be due the initial developer and may increase the up-front line extension cost for the subsequent developer. In the absence of such notice by the initial developer to either the Company or the subsequent developer, the Company shall have no obligation to implement the Credit Back process.

Initial developers may submit to the Company a Request for Notification of Potential Reimbursement ("RNPR"), which would identify a line extension for which the initial developer has made an up-front payment and identify any adjacent parcels on which future line extensions may be constructed. The Company will use its best efforts to notify the initial developer if a subsequent development on a parcel identified in an RNPR will use the line extension identified in the RNPR, so that the initial developer may make the notification described above. The Company shall not be subject to liability or penalty for errors in the maintenance or review of RNPRs. The Company will provide a standard form of the RNPR at the time it gives a developer a firm estimate for its line extension.

The amount collected from the subsequent developer and paid to the initial developer shall be a percentage of the initial developer's 40% up-front payment, based on the ratio of the acreage of the initial developer's dedicated lots to the total acreage of the dedicated lots in the initial and subsequent developments. In no case shall the initial developer receive reimbursements that total more than the amount of its up-front 40% payment minus its pro rata share of the 40% payment, based on the ratio of the total acreage of the initial developer's dedicated lots to the total acreage of the dedicated lots in the initial and subsequent developments.

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- c. Premium Service:
- i. For any residential project, where a customer, builder, or developer requests a line extension involving a premium service (the "Premium Installation"), the customer, builder, or developer shall make an up-front payment to FirstEnergy equal to the sum of 1) FirstEnergy's cost to provide the Premium Installation minus FirstEnergy's cost to install a line extension for 200 amp/single phase service for the project, and 2) the up-front payment that would have been due under subsection B.2.a.i, ii, or iii, whichever would have been applicable had the line extension not involved a premium service. In addition, the monthly payments that would have been due under subsection B.2.a.i, ii, or iii, whichever would have been applicable had the line extension not involved a premium service, shall be collected from the customer.
  - ii. For any commercial or industrial project, where a customer, builder, or developer requests a line extension involving a premium service (the "Premium Installation"), the customer, builder, or developer shall make an up-front payment to FirstEnergy equal to the sum of 1) the cost of the Premium Installation minus FirstEnergy's least cost to install, in accordance with good utility practice, a standard line extension to the project, and 2) the up-front payment that would have been due under subsection B.2.b.i had the line extension not involved a premium service. In addition, the monthly payments that would have been due under subsection B.2.b.i had the line extension not involved a premium service shall be collected from the customer.
  - iii. Premium service includes, but is not limited to, customer-requested oversizing of facilities and underground construction.
- (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 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.

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- 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 construction on any line extension until all required applications and up-front payments 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.

**IX. USE OF SERVICE**

- A. **Increased loads:** The customer shall notify the Company of any significant additions or modifications to the customer's installation that will affect the customer's load characteristics so that the Company may provide facilities ample to maintain adequate service.
- B. **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.

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- C. Parallel operation:** The Company may agree to furnish 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. 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.
- D. Low power factor:** The Company shall not be obligated to furnish service for electrical equipment having a power factor lower than that of presently available good-quality, high power factor equipment. If power factor corrective equipment is necessary, it, together with required switching equipment, shall be provided and maintained by the customer at his expense.
- E. Unbalanced loads:** The customer shall not use three phase electric service in such a manner as to impose an unreasonable unbalance between phases.
- F. Interference:** The Company reserves the right to discontinue service to any customer if the service is used in any manner so as to disturb or impair the operation of the Company's system or to interfere with the service to other customers. When such interference does occur due to the use of apparatus installed upon a customer's premises, such customer must provide necessary equipment as may be required to alleviate such conditions or the Company shall have the right to discontinue its service.

**X. 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, free of expense to the Company and close to the point of service entrance, suitable space for the installation of meters, transformers and other equipment. Meters, transformers and other equipment 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 his convenience shall be furnished and maintained by the customer at his expense. Any metering equipment required by the customer to accommodate requirements of a Certified Supplier will be installed owned and maintained by the Company and paid for by the customer.

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

- 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 at intervals for mutual protection of the customer and the Company. In addition, the Company will test any meter whenever there is reasonable cause to believe that it may be inaccurate. Meters registering energy within two percent (2%) fast or slow shall be considered correct. 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 Company tolerances, the Company may charge the customer a meter test fee as provided in the Company's Tariff No. 75 Miscellaneous Charges, except that the first test at the customer's request within any twelve month period shall be free of charge.
- D. Meter failure:** Whenever a meter fails to register the correct amount of energy the customer shall pay, for the service furnished, an estimated amount based either upon the results of a test, or upon the use during a similar period, or upon both of these methods.
- The Company's policy on backbilling for residential customers shall comply with the orders of the Public Utilities Commission and Section 4933.28 of the Ohio Revised Code. The Company's policy on backbilling for non-residential customers shall comply with the orders of the Public Utilities Commission and Section 4901:1-10-23 of the Ohio Administrative Code.
- E. Customer responsibility:** The customer shall permit only authorized agents of the Company, or persons otherwise lawfully authorized, 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 paid by the customer.
- F. Special facilities:** Any special services, facilities, or instrumentalities which may be rendered or furnished by the Company for a customer at his 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 instrumentalities are furnished, and such costs shall be in addition to the charges for electric service provided for in the applicable rate schedule. Subject to the approval of the Company, such special services, facilities, or instrumentalities may be supplied and maintained by the customer at his expense.

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- G. Access to premises:** The Company's authorized agents shall have access to the customer's premises at all reasonable hours for the purpose of reading, inspecting, testing, repairing, replacing, installing, analyzing or removing its meters or other property and for the purpose of inspecting the customer's electrical installation. In the event of an emergency, the Company's authorized agents shall have access at any time.

**XI. 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 at least meet the provisions of the National Electrical Code, the regulations of the governmental authorities having jurisdiction and the reasonable requirements of the Company. As required by the Ohio Administrative Code, all new installations shall be inspected and approved by the local inspection authority or, where there is no local inspection authority, by a licensed electrician, before the Company connects its service. Changes in wiring on the customer's premises shall also be inspected and approved by the local inspection authority or, where there is no local inspection authority, by a licensed electrician.
- B. Company responsibility:** 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, failure or negligence 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 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 by 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.

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Any customer desiring protection against any or all of the foregoing 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 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 Standard Rules and 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.



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**XII. COLLECTION OF PAST DUE BILLS AND DISCONNECTION OF SERVICE**

- A. Procedures:** The Company procedures for collection of past due bills and disconnection of service for residential customers will be as specified in the Ohio Administrative Code, except as permitted by the Stipulation and Recommendation in Case No. 02-1944-EL-CSS

The Company procedures for collection of past due bills and disconnection of service for non-residential customers will be as specified in the Ohio Administrative Code, except as permitted by the Stipulation and Recommendation in Case No. 02-1944-EL-CSS

If payment is made to a Company employee or authorized agent of the Company whose original purpose was to disconnect the service, then a charge in the amount provided for in the Company's Tariff Sheet No. 75 shall be assessed on the customer's next billing period but not more than once per billing period. Service which otherwise would have been disconnected shall remain intact.

- B. Disconnection:** 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. In the event that the Company employee or representative is unable to gain access or is denied access to the meter and it becomes necessary to order service wires disconnected at the pole, the employee or representative disconnecting such service wires will not be authorized to accept payment in lieu of disconnection.

If payment is made to a Company employee or authorized agent of the Company whose original purpose was to disconnect the service, then a charge in the amount provided for in the Company's Tariff Sheet No. 75 shall be assessed on the customer's next billing period but not more than once per billing period. Service which otherwise would have been disconnected shall remain intact.

- C. Reconnection:** When service has been discontinued pursuant to any of the foregoing rules and regulations or at the customer's request a charge for reconnection in the amount provided for in the Company's Tariff No.75, Miscellaneous Charges, on file with the PUCO, will be required.

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- D. Fraudulent Practice, Tampering, And Theft 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 Chapter 4901:1-10-20 of the Ohio Administrative Code entitled, "Fraudulent Practice, Tampering And Theft Of Service." In these instances, the Company will assess a charge in the amount provided for in the Company's Tariff No. 75, Miscellaneous Charges, on file with the Public Utilities Commission.

**XIII. CHANGING ELECTRIC SUPPLIERS**

Certified Supplier shall mean all of the entities set forth in R.C. 4928.08(A) and (B) which have received certification from the Public Utilities Commission of Ohio under R.C. 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 service territory. The Company shall provide such lists to:

1. All of its customers prior to initiation of competitive retail electric service and quarterly for the remainder of the market development period;
2. All applicants for new service and customers returning to standard-offer service; and,
3. Any customer upon request.

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, as determined by the occurrence of a reading of the customer's meter.

A customer may have only one Certified Supplier firm power supplier for any billing month. A customer may not split his non-interruptible generation supply between two Certified Suppliers or between the Company's standard offer supply service and service by a Certified Supplier during a billing month. Further, if one service account is supplied service under more than one rate schedule or rider, these prohibitions apply to all service supplied to the customer during any billing month.

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

**XIV. 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.
- 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 to 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.

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- 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 and subject to the Company's Supplier Tariff. 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 of any size and non-residential customers with either (i) billing demands totaling not more than 100 kW in any of the twelve billing months prior to notice, or (ii) monthly kilowatt-hour consumption of no more than 30,000 kilowatt-hours in any of the twelve billing months prior to notice, if the customer is 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 those customers not qualifying under subsection 1., that have either (i) billing demands totaling not more than 1,000 kW in 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.
  - 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.

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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.

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- 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.

**XV. CERTIFIED SUPPLIER BILLING AND PAYMENT**

- A. Billing:** The customer's Certified Supplier will notify the Company whether the Certified Supplier will bill the customer directly for generation services provided (Two Bill Option), or whether the Company should bill the customer for service provided by the Certified Supplier and remit such billing amount to the Certified Supplier (One Bill Option).

If the One Bill Option is selected, the Company will provide the functions of collection and remittance of funds only as a conduit of those funds from the customer to the Certified Supplier. The Company will not be responsible for any default or failure to provide service or failure to pay for service as a consequence of its performance of 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 Stipulation and Recommendation in Case No. 02-1944-EL-ESS.

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- C. Disputes:** If the One Bill Option is selected, the Company will accept and rely on the representation of the Certified Supplier as to 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 Two Bill Option or the One Bill Option is selected, customers who shop for generation services will be considered by the Company to be delinquent in the payment of their bill if the Company's charges for electric service remain unpaid at the time they are due. Delinquent bills will be subject to the Company's termination provisions for non-payment, and may result in the imposition of late payment fees and the initiation of electric service termination procedures for non-payment.
- E. Late Payment Fees:** The Company may impose late payment fees in accordance with its procedures on the portion of the bill that is ultimately due to the Company, and may include amounts it has billed to the customer on behalf of a Certified Supplier., pursuant to the Stipulation and Recommendation in Case No. 02-1944-EL-CSS..
- F. Collection Activity:** The Company is not responsible for collection of amounts receivable by the Certified Supplier, except as set forth in the Stipulation and Recommendation in Case No. 02-1944-EL-CSS.

**XVI. CUSTOMER AGGREGATION**

Customers may be aggregated for purposes of negotiating for the purchase of generation and competitive ancillary 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, but rather an agent for aggregated customers. Such aggregated customers will continue to be treated as individual customers of the Company for billing purposes under their otherwise applicable rate schedules, including the billing of applicable Generation Charges and Shopping Credits. Combinations of meter registrations of aggregated customers will not be permitted. 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.

## 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. It is recognized, however, that any action taken by the Company's Pennsylvania Power Company affiliate in case of emergency is subject solely to the jurisdiction of the Pennsylvania Public Utility Commission.

- 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.



**EMERGENCY ELECTRICAL PROCEDURES**

- (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;
  - (a) 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:

**EMERGENCY ELECTRICAL PROCEDURES**

- (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.
  - (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.

**EMERGENCY ELECTRICAL PROCEDURES**

**(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.
  - (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.

**EMERGENCY ELECTRICAL PROCEDURES**

"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.
- (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.

**EMERGENCY ELECTRICAL PROCEDURES**

- (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.
- (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

**EMERGENCY ELECTRICAL PROCEDURES**

- (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.

- (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.

**EMERGENCY ELECTRICAL PROCEDURES**

**(D) Short Term Capacity Shortages in Neighboring Control Areas:**

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 SCHEDULE**

Applicable to residential installations in a single family house, a single suite in a multiple family house, or a single suite in a multiple apartment, a manufactured housing unit or any other residential unit, and not more than four such installations on the same Premises when combined as provided herein.

**MONTHLY RATES:**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges, Transmission Charges, Ancillary Service Charges (except as provided below), Generation Transition Charges, Regulatory Transition Charges, and Generation Charges, as shown below. Customers served under this schedule who receive Generation Services from a Certified Supplier will qualify for a Shopping Credit as shown below to reduce the sum of other applicable charges.

**Distribution Charge**

Customer Charge		\$4.75	
		<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge			
First 500 kWh, per kWh		4.134¢	3.395¢
Next 500 kWh, per kWh		3.921¢	3.182¢
All excess kWh, per kWh		3.921¢	1.547¢

**Transmission Charge**

Energy Charge			
First 500 kWh, per kWh		0.289¢	0.237¢
Next 500 kWh, per kWh		0.274¢	0.222¢
All excess kWh, per kWh		0.274¢	0.108¢

**Ancillary Services Charge**

Scheduling, System Control and Dispatch Service			
For all kWh, per kWh			0.015¢
Reactive Supply Voltage Control from Generation Sources			
For all kWh, per kWh			0.027¢
Regulation and Frequency Response Service *			
For all kWh, per kWh			0.017¢
Operating Reserve - Spinning Reserve Service *			
For all kWh, per kWh			0.026¢
Operating Reserve - Supplemental Reserve Service *			
For all kWh, per kWh			0.013¢

\* This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

**Generation Transition Charge:**

		<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge			
First 500 kWh, per kWh		2.151¢	1.766¢
Next 500 kWh, per kWh		2.040¢	1.656¢
All excess kWh, per kWh		2.040¢	0.805¢



**RESIDENTIAL SCHEDULE**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
<b><u>Regulatory Transition Charge:</u></b>		
Energy Charge		
First 500 kWh, per kWh	3.335¢	2.739¢
Next 500 kWh, per kWh	3.164¢	2.567¢
All excess kWh, per kWh	3.164¢	1.248¢

**Generation Charge:**

Energy Charge		
First 500 kWh, per kWh	3.354¢	2.986¢
Next 500 kWh, per kWh	3.249¢	2.881¢
All excess kWh, per kWh	3.249¢	2.066¢

**Shopping Credit**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge, plus Rider No. 12 - Transition Rate Credit Program.

Energy Credit:		
First 500 kWh, per kWh	5.844¢	5.275¢
Next 500 kWh, per kWh	5.544¢	5.134¢
All excess kWh, per kWh	5.544¢	2.744¢

The Winter Rates shall be applicable in eight consecutive monthly billing periods of October through May. Summer Rates shall apply in all other billing periods.

**OPTIONAL LOAD MANAGEMENT RATE**

Where a residential customer elects to control load manually, or through the use of a load control device, or requests a load meter, the rates specified above shall be modified as follows:

- a. A Time-of-Day option is available under which the load will be metered by a Time-of-Day load meter and the billing load shall be determined monthly and shall be the larger of the 30-minute on-peak registered load or one-fourth of the 30-minute off-peak registered load as indicated by a kilowatt demand meter but not less than 5.0 kW. On-peak time shall be 8:00 a.m. to 8:00 p.m. weekdays with the exception of Holidays.
- b. A Non-Time-of-Day option is also available under which all load will be measured by a Non-Time-of-Day load meter, irrespective of the time at which the highest billing load occurs. The billing load shall be determined monthly and shall be the highest 30-minute load registered in the month as indicated by a kilowatt demand meter but not less than 5.0 kW.
- c. For the purposes of both options a and b above, the monthly meter charge identified below will apply. In addition, the initial 125 kWh per kW of billing load will be billed per the above table of Residential Schedule Rates. All kWh used in excess of 125 kWh per kW of billing load will be billed at the following:

**RESIDENTIAL SCHEDULE**

**OPTIONAL LOAD MANAGEMENT RATE (Cont'd)**

**Distribution Charge:**

Energy Charge For all kWh, per kWh	0.615¢
Meter Charge Time-of-Day	\$6.50
Meter Charge Non-Time-of-Day	\$3.20

**Transmission Charge:**

For all kWh, per kWh	0.043¢
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**Ancillary Services Charge:**

Scheduling, System Control and Dispatch Service For all kWh, per kWh	0.015¢
Reactive Supply Voltage Control from Generation Sources For all kWh, per kWh	0.027¢
Regulation and Frequency Response Service * For all kWh, per kWh	0.017¢
Operating Reserve - Spinning Reserve Service * For all kWh, per kWh	0.026¢
Operating Reserve - Supplemental Reserve Service * For all kWh, per kWh	0.013¢

\*This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

**Generation Transition Charge:**

Energy Charge For all kWh, per kWh	0.320¢
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**Regulatory Transition Charge:**

Energy Charge For all kWh, per kWh	0.496¢
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**Generation Charge:**

Energy Charge For all kWh, per kWh	1.600¢
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**Shopping Credit**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge, plus Rider No. 12 - Transition Rate Credit Program.

Energy Credit: For all kWh, per kWh	1.349¢
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**RESIDENTIAL SCHEDULE**

**OPTIONAL LOAD MANAGEMENT RATE (Cont'd)**

d. Upon receiving service under this optional rate, a customer shall be ineligible to receive service under any other provision of the residential schedule for a continuous twelve-month period. After discontinuation of service under this optional rate, the Customer shall be ineligible to receive service under this optional rate for a twelve-month period from the time service was discontinued.

e. Multi-metered accounts are precluded from receiving service under the Optional Load Management Rate.

**APPLICABLE RIDERS:**

The Rates and charges specified above shall be modified in accordance with the provisions of the following applicable Riders:

TRANSITION RATE CREDIT	Rider No. 12	Sheet No. 89
UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
NET ENERGY METERING	Rider No. 17	Sheet No. 93

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date shall not be less than fourteen days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers, except this provision is not applicable to unpaid account balances of customers enrolled on income payment plans pursuant to Section 4901:1-18-04(B), Ohio Administrative Code. For residential customers, the late payment service charge will be assessed only when there is more than one late payment in a twelve-month period.

**SPECIAL RULES:**

1. MULTIPLE INSTALLATIONS ON ONE METER

Four or less residential installations on the same Premises may be combined on one meter and billed under this schedule with the number of kWh in the rate blocks of the Rate each multiplied by the number of residential installations.

2. UNAVAILABLE TO CERTAIN INSTALLATIONS

This schedule shall not be applicable to the following installations which shall be billed under other schedules of the Company:

a. Any combination on one meter of more than four residential installations on the same Premises.

b. Any combination on one meter of residential and commercial installations on the same Premises.

**RESIDENTIAL SCHEDULE**

c. Pumps, elevators, X-ray machines, welding machines and other equipment where the use of electricity is intermittent or the load is of fluctuating character and where a special service connection is required.

d. Any service which constitutes an additional service installation.

3. PERCENTAGE OF INCOME PAYMENT PLAN (PIPP)

Monthly bills to PIPP Customers for electric service, exclusive of the Riders shall be reduced by 6.241%.

**RESIDENTIAL ADD-ON HEAT PUMP SCHEDULE**

Applicable to residential installations in a single family house, a single suite in a multiple family house, or a single suite in a multiple apartment, a manufactured housing unit or any other residential unit, where each residential dwelling unit is individually-metered.

This rate does not apply to commercial or industrial service. If a residential unit is used for both residential and commercial purposes, the appropriate commercial or industrial rate shall apply unless the wiring is so arranged that the residential usage can be metered separately. The hallways and other common facilities of an apartment building or apartment complex are to be billed under the appropriate commercial or industrial rate.

**MONTHLY RATES:**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges, Transmission Charges, Ancillary Service Charges (except as provided below), Generation Transition Charges, Regulatory Transition Charges, and Generation Charges, as shown below. Customers served under this schedule who receive Generation Services from a Certified Supplier will qualify for a Shopping Credit as shown below to reduce the sum of other applicable charges.

<b><u>Distribution Charge:</u></b>	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge For all kWh, per kWh	3.447¢	1.184¢
<b><u>Transmission Charge:</u></b>		
For all kWh, per kWh	0.241¢	0.083¢
<b><u>Ancillary Services Charge:</u></b>		
Scheduling, System Control and Dispatch Service For all kWh, per kWh		0.015¢
Reactive Supply Voltage Control from Generation Sources For all kWh, per kWh		0.027¢
Regulation and Frequency Response Service *		0.017¢
For all kWh, per kWh		
Operating Reserve - Spinning Reserve Service *		0.026¢
For all kWh, per kWh		
Operating Reserve – Supplemental Reserve Service *		0.013¢
For all kWh, per kWh		

\* This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

<b><u>Generation Transition Charge:</u></b>	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge All kWh, per kWh	1.793¢	0.616¢
<b><u>Regulatory Transition Charge:</u></b>		
All kWh, per kWh	2.781¢	0.955¢

**RESIDENTIAL ADD-ON HEAT PUMP SCHEDULE:**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
<b><u>Generation Charge:</u></b>		
Energy Charge		
All kWh, per kWh	3.012¢	1.883¢

**Shopping Credit**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge, plus Rider No. 12 - Transition Rate Credit Program.

Energy Credit:		
All kWh, per kWh	5.275¢	2.201¢

The Winter Rates shall be applicable in eight consecutive monthly billing periods of October through May. Summer Rates shall apply in all other billing periods

**APPLICABLE RIDERS:**

The Rates and charges specified above shall be modified in accordance with the provisions of the following applicable Riders:

TRANSITION RATE CREDIT	Rider No. 12	Sheet No. 89
UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date shall not be less than fourteen days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers, except this provision is not applicable to unpaid account balances of customers enrolled on income payment plans pursuant to Section 4901:1-18-04(B), Ohio Administrative Code. For residential customers, the late payment service charge will be assessed only when there is more than one late payment in a twelve-month period.

**SPECIAL RULES:**

1. UNAVAILABLE TO CERTAIN INSTALLATIONS

This schedule shall not be applicable to the following installations which shall be billed under other schedules of the Company:

- a. Any combination on one meter of more than four residential installations on the same Premises.
- b. Pumps, elevators, x-ray machines, welding machines and other equipment where the use of electricity is intermittent or the load is of fluctuating character and where a special service connection is required.
- c. Any combination on one meter of residential and commercial installations on the same Premises.
- d. Any service which constitutes an additional service installation.

## **RESIDENTIAL ADD-ON HEAT PUMP SCHEDULE**

### 2. SEPARATELY METERED

- a. The Customer shall furnish a separate Company approved circuit (or equivalent) to which a qualifying add-on heat pump shall be permanently connected. This circuit shall be so designed and constructed that no other electrical devices shall be connected thereto. The circuit shall be wired so that an approved meter socket is installed in an outdoor accessible location just ahead of the separate disconnect switch installed for the add-on heat pump.
- b. Installation of the add-on heat pump and separate circuit as described above shall be done by a contractor of the Customer's choice from those approved for said installation by the Company.
- c. Application for this service must be approved by the Company.
- d. The Add-On Heat Pump Schedule applies only to those add-on heat pump installations which are separately metered from any other load. This rate shall apply to any add-on heat pump installation in an existing residential unit or to new residential installations where the add-on heat pump meets or exceeds a ten (10) SEER and any other conservation standard specified by the Company.
- e. Multi-metered accounts are precluded from the Residential Add-On Heat Pump Schedule. The separately metered Residential Add-On Heat Pump Schedule shall be in those instances where the add-on heat pump is the primary source of cooling with supplemental heating and where the device has a seasonal energy efficiency ratio (SEER) of at least 10.

### 3. PRECLUDES LOAD MANAGEMENT OPTION

The appropriate rates specified in the Applicable Residential Rate Schedule shall be used to bill the non-add-on heat pump kWhs. No service shall be under both the Residential Add-On Heat Pump Schedule and the Optional Load Management Rate of the Residential Schedule concurrently. Choosing the Residential Add-On Heat Pump Schedule shall preclude a customer from being on the Load Management Rate. Multi-metered accounts are also precluded from the Residential Add-On Heat Pump Schedule.

### 4. PERCENTAGE OF INCOME PAYMENT PLAN (PIPP)

Monthly bills to PIPP Customers for electric service, exclusive of the Riders, shall be reduced by 6.241%.

**RESIDENTIAL WATER HEATING SCHEDULE**

Applicable on an optional basis to residential installation in a single family house utilizing electricity as the primary source of energy for water heating, and applies also to a single suite in a multiple family house, or a single suite in a multiple apartment, a manufactured housing unit or any other residential unit, and not more than four such installations on the same Premises when combined as provided herein.

This rate does not apply to commercial or industrial service. If a residential unit is used for both residential and commercial purposes, the appropriate commercial or industrial rate shall apply unless the wiring is so arranged that the residential usage can be metered separately. The hallways and other common facilities of an apartment building or apartment complex are to be billed under the appropriate commercial or industrial rate.

To be approved by the Company, an electric water heater installed after October 1, 1983 shall have a minimum insulation of R-10, or a thermal insulation jacket that, in combination with the water heater's insulation, meets or exceeds such minimum insulation of R-10.

**MONTHLY RATES:**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges, Transmission Charges, Ancillary Service Charges (except as provided below), Generation Transition Charges, Regulatory Transition Charges, and Generation Charges, as shown below. Customers served under this schedule who receive Generation Services from a Certified Supplier will qualify for a Shopping Credit as shown below to reduce the sum of other applicable charges.

**Distribution Charge:**

Customer Charge \$4.75

Energy Charge

	<u>SUMMER</u>	<u>WINTER</u>
First 500 kWh, per kWh	3.641¢	2.990¢
Next 500 kWh, per kWh	2.728¢	2.047¢
All excess kWh, per kWh	2.728¢	0.867¢

**Transmission Charge:**

First 500 kWh, per kWh	0.302¢	0.248¢
Next 500 kWh, per kWh	0.226¢	0.170¢
All excess kWh, per kWh	0.226¢	0.072¢

**Ancillary Services Charge:**

Scheduling, System Control and Dispatch Service		
For all kWh, per kWh		0.013¢
Reactive Supply Voltage Control from Generation Sources		
For all kWh, per kWh		0.023¢
Regulation and Frequency Response Service *		
For all kWh, per kWh		0.015¢
Operating Reserve - Spinning Reserve Service *		
For all kWh, per kWh		0.022¢
Operating Reserve – Supplemental Reserve Service *		
For all kWh, per kWh		0.011¢

\* This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.



**RESIDENTIAL WATER HEATING SCHEDULE**

<b><u>Generation Transition Charge:</u></b>	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge		
First 500 kWh, per kWh	2.608¢	2.141¢
Next 500 kWh, per kWh	1.954¢	1.466¢
All excess kWh, per kWh	1.954¢	0.621¢
<b><u>Regulatory Transition Charge:</u></b>		
Energy Charge		
First 500 kWh, per kWh	4.043¢	3.320¢
Next 500 kWh, per kWh	3.030¢	2.273¢
All excess kWh, per kWh	3.030¢	0.963¢
<b><u>Generation Charge:</u></b>		
Energy Charge		
First 500 kWh, per kWh	2.683¢	2.438¢
Next 500 kWh, per kWh	2.339¢	2.081¢
All excess kWh, per kWh	2.339¢	1.637¢

**Shopping Credit**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge, plus Rider No. 12 - Transition Rate Credit Program.

Energy Credit:		
First 500 kWh, per kWh	7.062¢	5.800¢
Next 500 kWh, per kWh	5.292¢	4.575¢
All excess kWh, per kWh	5.292¢	2.210¢

The Winter Rates shall be applicable in eight consecutive monthly billing periods of October through May. Summer Rates shall apply in all other billing periods.

**OPTIONAL LOAD MANAGEMENT RATE:**

Where a residential customer elects to control his load manually, or through the use of a load control device, or requests a load meter, the rates specified above shall be modified as follows:

- a. A Time-of-Day option is available under which the load will be metered by a Time-of-Day load meter and the billing load shall be determined monthly and shall be the larger of the 30-minute on-peak registered load or one-fourth of the 30-minute off-peak registered load as indicated by a kilowatt demand meter but not less than 5.0 kW. On-peak time shall be 8:00 a.m. to 8:00 p.m. weekdays with the exception of Holidays.
  
- b. A Non-Time-of-Day option is also available under which all load will be measured by a Non-Time-of-Day load meter, irrespective of the time at which the highest billing load occurs. The billing load shall be determined monthly and shall be the highest 30-minute load registered in the month as indicated by a kilowatt demand meter but not less than 5.0 kW.

**RESIDENTIAL WATER HEATING SCHEDULE**

**OPTIONAL LOAD MANAGEMENT RATE: (Cont'd)**

- c. For the purposes of both options a and b above, the monthly meter charge identified below will apply. In addition, the initial 125 kWh per kW of billing load will be billed per the above table of Residential Water Heating Schedule Rates. All use in excess of 125 kWh per kW of billing load will be billed at the following.

**Distribution Charge**

Energy Charge	
For all kWh, per kWh	0.541¢
Meter Charge Time-of-Day	\$6.50
Meter Charge Non-Time-of-Day	\$3.20

**Transmission Charge**

For all kWh, per kWh	0.045¢
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**Ancillary Services Charge**

Scheduling, System Control and Dispatch Service	
For all kWh, per kWh	0.013¢
Reactive Supply Voltage Control from Generation Sources	
For all kWh, per kWh	0.023¢
Regulation and Frequency Response Service *	
For all kWh, per kWh	0.015¢
Operating Reserve - Spinning Reserve Service *	
For all kWh, per kWh	0.022¢
Operating Reserve – Supplemental Reserve Service *	
For all kWh, per kWh	0.011¢

\*This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

**RESIDENTIAL WATER HEATING SCHEDULE**

**OPTIONAL LOAD MANAGEMENT RATE: (Cont'd)**

**Generation Transition Charge:**

Energy Charge  
For all kWh, per kWh 0.388¢

**Regulatory Transition Charge:**

Energy Charge  
For all kWh, per kWh 0.601¢

**Generation Charge:**

Energy Charge  
For all kWh, per kWh 1.513¢

**Shopping Credit**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge, plus Rider No. 12 - Transition Rate Credit Program.

Energy Credit:  
For all kWh, per kWh 1.541¢

d. Upon receiving service under this optional rate, a customer shall be ineligible to receive service under any other provision of the residential schedule for a continuous twelve-month period. After discontinuation of service under this optional rate, the Customer shall be ineligible to receive service under this optional rate for a twelve-month period from the time service was discontinued.

e. Multi-metered accounts are precluded from receiving service under the Optional Load Management Rate.

**APPLICABLE RIDERS:**

The Rates and charges specified above shall be modified in accordance with the provisions of the following applicable Riders:

TRANSITION RATE CREDIT	Rider No. 12	Sheet No. 89
UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
NET ENERGY METERING	Rider No. 17	Sheet No. 93

**RESIDENTIAL WATER HEATING SCHEDULE**

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date shall not be less than fourteen days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers, except this provision is not applicable to unpaid account balances of customers enrolled on income payment plans pursuant to Section 4901:1-18-04(B), Ohio Administrative Code. For residential customers, the late payment service charge will be assessed only when there is more than one late payment in a twelve-month period.

**SPECIAL RULES:**

1. MULTIPLE INSTALLATIONS ON ONE METER

Four or less residential installations on the same Premises may be combined on one meter and billed under this schedule with the number of kWh in the rate blocks of the Rate each multiplied by the number of residential installations.

2. UNAVAILABLE TO CERTAIN INSTALLATIONS

This schedule shall not be applicable to the following installations which shall be billed under other schedules of the Company:

- a. Any combination on one meter of more than four residential installations on the same Premises.
- b. Any combination on one meter of residential and commercial installations on the same Premises.
- c. Pumps, elevators, X-ray machines, welding machines and other equipment where the use of electricity is intermittent or the load is of fluctuating character and where a special service connection is required.
- d. Any service which constitutes an additional service installation.

3. PERCENTAGE OF INCOME PAYMENT PLAN (PIPP)

Monthly bills to PIPP Customers for electric service, of the Riders, shall be reduced by 6.241%.

**RESIDENTIAL SPACE HEATING SCHEDULE:**

Applicable on an optional basis to residential installation in a single family house utilizing a permanently installed electric space heating system as a substantial source of space heating requirements and applying also to a single suite in a multiple family house, or a single suite in a multiple apartment, a manufactured housing unit or any other residential unit, and not more than four such installations on the same Premises when combined as provided herein. Not less than 75 percent of the customer's connected load must be within the dwelling unit.

This rate does not apply to commercial or industrial service. If a residential unit is used for both residential and commercial purposes, the appropriate commercial or industrial rate shall apply unless the wiring is so arranged that the residential usage can be metered separately. The hallways and other common facilities of an apartment building or apartment complex are to be billed under the appropriate commercial or industrial rate.

A new space heating installation, to be approved by the Company, must be in an individually-metered residential dwelling unit in either a single family house, a single suite in a multiple family house, a single suite in a multiple apartment, a manufactured housing unit or any other residential unit, and must meet or exceed special insulation and other energy conservation standards specified by the Company on Sheet 16.

**MONTHLY RATES:**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges, Transmission Charges, Ancillary Service Charges (except as provided below), Generation Transition Charges, Regulatory Transition Charges, and Generation Charges, as shown below. Customers served under this schedule who receive Generation Services from a Certified Supplier will qualify for a Shopping Credit as shown below to reduce the sum of other applicable charges.

**Distribution Charge**

Customer Charge \$4.53

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge		
First 500 kWh, per kWh	3.518¢	2.889¢
Next 500 kWh, per kWh	3.337¢	1.742¢
All excess kWh, per kWh	3.337¢	0.838¢

**Transmission Charge**

Energy Charge		
First 500 kWh, per kWh	0.170¢	0.140¢
Next 500 kWh, per kWh	0.162¢	0.084¢
All excess kWh, per kWh	0.162¢	0.041¢

**RESIDENTIAL SPACE HEATING SCHEDULE**

**Ancillary Services Charge**

Scheduling, System Control and Dispatch Service	
For all kWh, per kWh	0.006¢
Reactive Supply Voltage Control from Generation Sources	
For all kWh, per kWh	0.011¢
Regulation and Frequency Response Service *	
For all kWh, per kWh	0.007¢
Operating Reserve - Spinning Reserve Service *	
For all kWh, per kWh	0.011¢
Operating Reserve – Supplemental Reserve Service *	
For all kWh, per kWh	0.005¢

\* This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

**Generation Transition Charge:**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge		
First 500 kWh, per kWh	2.887¢	2.371¢
Next 500 kWh, per kWh	2.738¢	1.429¢
All excess kWh, per kWh	2.738¢	0.688¢

**Regulatory Transition Charge:**

Energy Charge		
First 500 kWh, per kWh	4.480¢	3.679¢
Next 500 kWh, per kWh	4.250¢	2.219¢
All excess kWh, per kWh	4.250¢	1.067¢

**Generation Charge:**

Energy Charge		
First 500 kWh, per kWh	1.664¢	1.597¢
Next 500 kWh, per kWh	1.646¢	1.474¢
All excess kWh, per kWh	1.646¢	1.376¢

**Shopping Credit**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge, plus Rider No. 12 - Transition Rate Credit Program.

Energy Credit:		
First 500 kWh, per kWh	7.598¢	6.239¢
Next 500 kWh, per kWh	7.208¢	4.357¢
All excess kWh, per kWh	7.208¢	2.346¢

The Winter Rates shall be applicable in eight consecutive monthly billing periods of October through May. Summer Rates shall apply in all other billing periods.

**RESIDENTIAL SPACE HEATING SCHEDULE**

**OPTIONAL LOAD MANAGEMENT RATE:**

Where a residential customer elects to control his load manually, or through the use of a load control device, or requests a load meter, the rates specified in Section 1 above shall be modified as follows:

- a. A Time-of-Day option is available under which the load will be metered by a Time-of-Day load meter and the billing load shall be determined monthly and shall be the larger of the 30-minute on-peak registered load or one-fourth of the 30-minute off-peak registered load as indicated by a kilowatt demand meter but not less than 5.0 kW. On-peak time shall be 8:00 a.m. to 8:00 p.m. weekdays with the exception of Holidays.
- b. A Non-Time-of-Day option is also available under which all load will be measured by a Non-Time-of-Day load meter, irrespective of the time at which the highest billing load occurs. The billing load shall be determined monthly and shall be the highest 30-minute load registered in the month as indicated by a kilowatt demand meter but not less than 5.0 kW.
- c. For the purposes of both options a and b above, the monthly meter charge identified below will apply. In addition, the initial 125 kWh per kW of billing load will be billed per the above table of Residential Space Heating Schedule Rates. All kWh used in excess of 125 kWh per kW of billing load will be billed at the following

**Distribution Charge**

Energy Charge	
For all kWh, per kWh	0.523¢
Meter Charge Time-of-Day	\$6.19
Meter Charge Non-Time-of-Day	\$3.05

**Transmission Charge**

For all kWh, per kWh	0.025¢
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**Ancillary Services Charge**

Scheduling, System Control and Dispatch Service	
For all kWh, per kWh	0.006¢
Reactive Supply Voltage Control from Generation Sources	
For all kWh, per kWh	0.011¢
Regulation and Frequency Response Service *	
For all kWh, per kWh	0.007¢
Operating Reserve - Spinning Reserve Service *	
For all kWh, per kWh	0.011¢
Operating Reserve - Supplemental Reserve Service *	
For all kWh, per kWh	0.005¢

\*This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

**RESIDENTIAL SPACE HEATING SCHEDULE:**

**OPTIONAL LOAD MANAGEMENT RATE: (Cont'd)**

**Generation Transition Charge:**

Energy Charge  
For all kWh, per kWh 0.429¢

**Regulatory Transition Charge:**

Energy Charge  
For all kWh, per kWh 0.666¢

**Generation Charge:**

Energy Charge  
For all kWh, per kWh 1.343¢

**Shopping Credit**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge, plus Rider No. 12 - Transition Rate Credit Program.

Energy Credit:  
For all kWh, per kWh 1.627¢

- d. Upon receiving service under this optional rate, a customer shall be ineligible to receive service under any other provision of the residential schedule for a continuous twelve-month period. After discontinuation of service under this optional rate, the Customer shall be ineligible to receive service under this optional rate for a twelve-month period from the time service was discontinued.
- e. Multi-metered accounts are precluded from receiving service under the Optional Load Management Rate.

**APPLICABLE RIDERS:**

The Rates and charges specified above shall be modified in accordance with the provisions of the following applicable Riders:

TRANSITION RATE CREDIT	Rider No. 12	Sheet No. 89
UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
STATE AND LOCAL TAX RIDER	Rider No. 16	Sheet No. 92
NET ENERGY METERING	Rider No. 17	Sheet No. 93

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date shall not be less than fourteen days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers, except this provision is not applicable to unpaid account balances of customers enrolled on income payment plans pursuant to Section 4901:1-18-04(B), Ohio Administrative Code. For residential customers, the late payment service charge will be assessed only when there is more than one late payment in a twelve-month period.



**RESIDENTIAL SPACE HEATING SCHEDULE:**

**SPECIAL RULES:**

1. MULTIPLE INSTALLATIONS ON ONE METER

Four or less residential installations on the same Premises may be combined on one meter and billed under this schedule with the number of kWh in the rate blocks of the Rate each multiplied by the number of residential installations.

2. UNAVAILABLE TO CERTAIN INSTALLATIONS

This schedule shall not be applicable to the following installations which shall be billed under other schedules of the Company:

- a. Any combination on one meter of more than four residential installations on the same Premises subject, however, to the provisions of this schedule.
- b. Any combination on one meter of residential and commercial installations on the same Premises.
- c. Pumps, elevators, X-ray machines, welding machines and other equipment where the use of electricity is intermittent or the load is of fluctuating character and where a special service connection is required.
- d. Any service which constitutes an additional service installation.

3. PERCENTAGE OF INCOME PAYMENT PLAN (PIPP)

Monthly bills to PIPP Customers for electric service, exclusive of the Riders, shall be reduced by 6.241%.

**RESIDENTIAL WATER HEATING AND SPACE HEATING SCHEDULE**

Applicable on an optional basis to residential installation in a single family house utilizing electricity as the primary source of energy for water heating and utilizing a permanently installed electric space heating system as a substantial source of the space heating requirements and applying also to a single suite in a multiple family house, or a single suite in a multiple apartment, a manufactured housing unit or any other residential unit, and not more than four such installations on the same Premises when combined as provided herein. Not less than 75 percent of the customer's connected load must be within the dwelling unit.

This rate does not apply to commercial or industrial service. If a residential unit is used for both residential and commercial purposes, the appropriate commercial or industrial rate shall apply unless the wiring is so arranged that the residential usage can be metered separately. The hallways and other common facilities of an apartment building or apartment complex are to be billed under the appropriate commercial or industrial rate.

To be approved by the Company, an electric water heater installed after October 1, 1983 shall have a minimum insulation of R-10, or a thermal insulation jacket that, in combination with the water heater's insulation, meets or exceeds such minimum insulation of R-10.

A new space heating installation, to be approved by the Company, must be in an individually-metered residential dwelling unit in either a single family house, a single suite in a multiple family house, a single suite in a multiple apartment, a manufactured housing unit or any other residential unit, and must meet or exceed special insulation and other energy conservation standards specified by the Company on Sheet No. 16.

**MONTHLY RATES:**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges, Transmission Charges, Ancillary Service Charges (except as provided below), Generation Transition Charges, Regulatory Transition Charges, and Generation Charges, as shown below. Customers served under this schedule who receive Generation Services from a Certified Supplier will qualify for a Shopping Credit as shown below to reduce the sum of other applicable charges.

**Distribution Charge**

Customer Charge \$4.53

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge		
First 500 kWh, per kWh	5.011¢	4.113¢
Next 100 kWh, per kWh	3.755¢	2.817¢
Next 400 kWh, per kWh	3.755¢	2.481¢
All excess kWh, per kWh	3.755¢	1.193¢

**Transmission Charge**

Energy Charge		
First 500 kWh, per kWh	0.216¢	0.177¢
Next 100 kWh, per kWh	0.162¢	0.121¢
Next 400 kWh, per kWh	0.162¢	0.107¢
All excess kWh, per kWh	0.162¢	0.051¢

**RESIDENTIAL WATER HEATING AND SPACE HEATING SCHEDULE**

**Ancillary Services Charge**

Scheduling, System Control and Dispatch Service	
For all kWh, per kWh	0.006¢
Reactive Supply Voltage Control from Generation Sources	
For all kWh, per kWh	0.011¢
Regulation and Frequency Response Service *	
For all kWh, per kWh	0.007¢
Operating Reserve - Spinning Reserve Service *	
For all kWh, per kWh	0.011¢
Operating Reserve – Supplemental Reserve Service *	
For all kWh, per kWh	0.005¢

\* This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

**Generation Transition Charge:**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge		
First 500 kWh, per kWh	3.651¢	2.998¢
Next 100 kWh, per kWh	2.737¢	2.052¢
Next 400 kWh, per kWh	2.737¢	1.808¢
All excess kWh, per kWh	2.737¢	0.870¢

**Regulatory Transition Charge:**

Energy Charge		
First 500 kWh, per kWh	5.777¢	4.744¢
Next 100 kWh, per kWh	4.329¢	3.248¢
Next 400 kWh, per kWh	4.329¢	2.862¢
All excess kWh, per kWh	4.329¢	1.376¢

**Generation Charge:**

Energy Charge		
First 500 kWh, per kWh	(1.815)¢	(1.261)¢
Next 100 kWh, per kWh	(1.039)¢	(0.459)¢
Next 400 kWh, per kWh	(1.039)¢	(0.250)¢
All excess kWh, per kWh	(1.039)¢	0.546¢

**Shopping Credit**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge, plus Rider No. 12 - Transition Rate Credit Program.

Energy Credit:		
First 500 kWh, per kWh	8.969¢	7.365¢
Next 100 kWh, per kWh	6.720¢	5.042¢
Next 400 kWh, per kWh	6.720¢	4.965¢
All excess kWh, per kWh	6.720¢	2.562¢

**RESIDENTIAL WATER HEATING AND SPACE HEATING SCHEDULE**

The Winter Rates shall be applicable in eight consecutive monthly billing periods of October through May. Summer Rates shall apply in all other billing periods.

**OPTIONAL LOAD MANAGEMENT RATE:**

Where a residential customer elects to control his load manually, or through the use of a load control device, or requests a load meter, the rates above shall be modified as follows:

a. A Time-of-Day option is available under which the load will be metered by a Time-of-Day load meter and the billing load shall be determined monthly and shall be the larger of the 30-minute on-peak registered load or one-fourth of the 30-minute off-peak registered load as indicated by a kilowatt demand meter but not less than 5.0 kW. On-peak time shall be 8:00 a.m. to 8:00 p.m. weekdays with the exception of Holidays.

b. A Non-Time-of-Day option is also available under which all load will be measured by a Non-Time-of-Day load meter, irrespective of the time at which the highest billing load occurs. The billing load shall be determined monthly and shall be the highest 30-minute load registered in the month as indicated by a kilowatt demand meter but not less than 5.0 kW.

c. For the purposes of both options a and b above, the monthly meter charge identified below will apply. In addition, the initial 125 kWh per kW of billing load will be billed per the above table of Residential Water Heating and Space Heating Schedule Rates. All use in excess of 125 kWh per kW of billing load will be billed at the following:

**Distribution Charge**

Energy Charge For all kWh, per kWh	0.746¢
Meter Charge Time-of-Day	\$6.19
Meter Charge Non-Time-of-Day	\$3.05

**Transmission Charge**

For all kWh, per kWh	0.032¢
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**Ancillary Services Charge**

Scheduling, System Control and Dispatch Service For all kWh, per kWh	0.006¢
Reactive Supply Voltage Control from Generation Sources For all kWh, per kWh	0.011¢
Regulation and Frequency Response Service * For all kWh, per kWh	0.007¢
Operating Reserve - Spinning Reserve Service * For all kWh, per kWh	0.011¢
Operating Reserve - Supplemental Reserve Service * For all kWh, per kWh	0.005¢

\*This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

**RESIDENTIAL WATER HEATING AND SPACE HEATING SCHEDULE**

**OPTIONAL LOAD MANAGEMENT RATE: (Cont'd)**

**Generation Transition Charge:**

Energy Charge  
For all kWh, per kWh 0.544¢

**Regulatory Transition Charge:**

Energy Charge  
For all kWh, per kWh 0.859¢

**Generation Charge:**

Energy Charge  
For all kWh, per kWh 0.823¢

**Shopping Credit**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge, plus Rider No. 12 - Transition Rate Credit Program.

Energy Credit:  
For all kWh, per kWh 1.713¢

d. Upon receiving service under this optional rate, a customer shall be ineligible to receive service under any other provision of the residential schedule for a continuous twelve-month period. After discontinuation of service under this optional rate, the Customer shall be ineligible to receive service under this optional rate for a twelve-month period from the time service was discontinued.

e. Multi-metered accounts are precluded from receiving service under the Optional Load Management Rate.

**APPLICABLE RIDERS:**

The Rates and charges specified above shall be modified in accordance with the provisions of the following applicable Riders:

TRANSITION RATE CREDIT	Rider No. 12	Sheet No. 89
UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
STATE AND LOCAL TAX RIDER	Rider No. 16	Sheet No. 92
NET ENERGY METERING	Rider No. 17	Sheet No. 93

**RESIDENTIAL WATER HEATING AND SPACE HEATING SCHEDULE**

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date shall not be less than fourteen days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers, except this provision is not applicable to unpaid account balances of customers enrolled on income payment plans pursuant to Section 4901:1-18-04(B), Ohio Administrative Code. For residential customers, the late payment service charge will be assessed only when there is more than one late payment in a twelve-month period.

**SPECIAL RULES:**

1. MULTIPLE INSTALLATIONS ON ONE METER

Four or less residential installations on the same Premises may be combined on one meter and billed under this schedule with the number of kWh in the rate blocks of the Rate each multiplied by the number of residential installations.

2. UNAVAILABLE TO CERTAIN INSTALLATIONS

This schedule shall not be applicable to the following installations which shall be billed under other schedules of the Company:

- a. Any combination on one meter of more than four residential installations on the same Premises.
- b. Any combination on one meter of residential and commercial installations on the same Premises.
- c. Pumps, elevators, X-ray machines, welding machines and other equipment where the use of electricity is intermittent or the load is of fluctuating character and where a special service connection is required.
- d. Any service which constitutes an additional service installation.

PERCENTAGE OF INCOME PAYMENT PLAN (PIPP)

Monthly bills to PIPP Customers for electric service, exclusive of the Riders, shall be reduced by 6.241%.

**OPTIONAL ELECTRICALLY HEATED RESIDENTIAL APARTMENT SCHEDULE**

**APPLICABILITY:**

This rate is available to any Full Service customer on an optional basis to single occupancy apartments utilizing a permanently installed electric space heating system as a total source of the space heating requirements. Not less than 75% of the customer's connected load must be within the dwelling unit. The apartment complex must consist of not less than four apartments per lot of which at least 50% of the apartments in each building must be rental. Insulation and equipment efficiency criteria as found on Sheet 16 must also be satisfied. A Full Service customer is one that receives all retail electric services from the Company.

This rate does not apply to commercial or industrial service. If a residential unit is used for both residential and commercial purposes, the appropriate commercial schedule shall apply unless the wiring is so arranged that the residential usage can be metered separately. The hallways and other common facilities of an apartment building or apartment complex are to be billed under the appropriate commercial schedule.

**MONTHLY RATES:**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges, Transmission Charges, Ancillary Service Charges, Generation Transition Charges, Regulatory Transition Charges, and Generation Charges, as shown below. Customers who receive Generation Services from a Certified Supplier may not be served under this schedule; therefore no Shopping Credit applies to this schedule.

1. ALL ELECTRIC APARTMENT RATE INCLUDING WATER HEATING

**Distribution Charge**

Customer Charge \$4.53

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge		
First 300 kWh, per kWh	4.229¢	3.472¢
Next 300 kWh, per kWh	3.168¢	2.376¢
Next 1,400 kWh, per kWh	3.167¢	0.829¢
Next 300 kWh, per kWh	4.036¢	0.828¢
All excess kWh, per kWh	4.036¢	3.473¢

**Transmission Charge**

Energy Charge		
First 300 kWh, per kWh	0.195¢	0.161¢
Next 300 kWh, per kWh	0.147¢	0.110¢
Next 1,400 kWh, per kWh	0.148¢	0.038¢
Next 300 kWh, per kWh	0.177¢	0.039¢
All excess kWh, per kWh	0.177¢	0.161¢

**OPTIONAL ELECTRICALLY HEATED RESIDENTIAL APARTMENT SCHEDULE**

**Ancillary Services Charge**

Scheduling, System Control and Dispatch Service For all kWh, per kWh	0.006¢
Reactive Supply Voltage Control from Generation Sources For all kWh, per kWh	0.011¢
Regulation and Frequency Response Service For all kWh, per kWh	0.007¢
Operating Reserve - Spinning Reserve Service For all kWh, per kWh	0.011¢
Operating Reserve - Supplemental Reserve Service For all kWh, per kWh	0.005¢

**Generation Transition Charge:**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge		
First 300 kWh, per kWh	3.304¢	2.712¢
Next 300 kWh, per kWh	2.476¢	1.858¢
Next 1,400 kWh, per kWh	2.475¢	0.647¢
Next 300 kWh, per kWh	3.041¢	0.647¢
All excess kWh, per kWh	3.041¢	2.713¢

**Regulatory Transition Charge:**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge		
First 300 kWh, per kWh	5.128¢	4.212¢
Next 300 kWh, per kWh	3.843¢	2.883¢
Next 1,400 kWh, per kWh	3.844¢	1.006¢
Next 300 kWh, per kWh	4.787¢	1.006¢
All excess kWh, per kWh	4.787¢	4.211¢

**Generation Charge:**

Energy Charge		
First 300 kWh, per kWh	(0.131)¢	0.121¢
Next 300 kWh, per kWh	0.221¢	0.488¢
Next 1,400 kWh, per kWh	0.221¢	1.008¢
Next 300 kWh, per kWh	0.120¢	1.005¢
All excess kWh, per kWh	12.106¢	0.119¢



**OPTIONAL ELECTRICALLY HEATED RESIDENTIAL APARTMENT SCHEDULE**

2. ALL-ELECTRIC APARTMENT RATE EXCLUDING WATER HEATING

**Distribution Charge**

Customer Charge \$4.53

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge		
First 300 kWh, per kWh	3.818¢	3.135¢
Next 300 kWh, per kWh	3.631¢	0.747¢
Next 1,400 kWh, per kWh	3.725¢	0.749¢
All excess kWh, per kWh	3.725¢	0.749¢

**Transmission Charge**

Energy Charge		
First 300 kWh, per kWh	0.197¢	0.163¢
Next 300 kWh, per kWh	0.193¢	0.039¢
Next 1,400 kWh, per kWh	0.183¢	0.038¢
All excess kWh, per kWh	0.183¢	0.038¢

**Ancillary Services Charge**

Scheduling, System Control and Dispatch Service		
For all kWh, per kWh		0.006¢
Reactive Supply Voltage Control from Generation Sources		
For all kWh, per kWh		0.011¢
Regulation and Frequency Response Service		
For all kWh, per kWh		0.007¢
Operating Reserve - Spinning Reserve Service		
For all kWh, per kWh		0.011¢
Operating Reserve – Supplemental Reserve Service		
For all kWh, per kWh		0.005¢

**Generation Transition Charge:**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge		
First 300 kWh, per kWh	3.378¢	2.775¢
Next 300 kWh, per kWh	3.216¢	0.663¢
Next 1,400 kWh, per kWh	3.136¢	0.664¢
All excess kWh, per kWh	3.136¢	0.664¢

**OPTIONAL ELECTRICALLY HEATED RESIDENTIAL APARTMENT SCHEDULE**

**Regulatory Transition Charge:**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge		
First 300 kWh, per kWh	5.256¢	4.317¢
Next 300 kWh, per kWh	4.995¢	1.031¢
Next 1,400 kWh, per kWh	4.936¢	1.031¢
All excess kWh, per kWh	4.936¢	1.031¢

**Generation Charge:**

Energy Charge		
First 300 kWh, per kWh	0.097¢	0.309¢
Next 300 kWh, per kWh	0.149¢	1.052¢
Next 1,400 kWh, per kWh	0.175¢	1.051¢
All excess kWh, per kWh	12.106¢	10.653¢

**SEASONAL PERIODS:**

The summer period shall be the billing months of June through September and the winter period shall be the billing months of October through May.

**APPLICABLE RIDERS:**

The Rates and charges specified above shall be modified in accordance with the provisions of the following applicable Riders:

TRANSITION RATE CREDIT	Rider No. 12	Sheet No. 89
UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
STATE AND LOCAL TAX RIDER	Rider No. 16	Sheet No. 92
NET ENERGY METERING	Rider No. 17	Sheet No. 93

## **OPTIONAL ELECTRICALLY HEATED RESIDENTIAL APARTMENT SCHEDULE**

### **TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date shall not be less than fourteen days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers, except this provision is not applicable to unpaid account balances of customers enrolled on income payment plans pursuant to Section 4901:1-18-04(B), Ohio Administrative Code. For residential customers, the late payment service charge will be assessed only when there is more than one late payment in a twelve-month period.

### **SPECIAL RULES:**

1. To qualify for this rate, the apartment complex must utilize heat pumps, or if heating systems other than heat pumps are utilized, any air conditioning must have a minimum SEER of 10.
2. Each apartment unit shall be individually metered.
3. UNAVAILABLE TO CERTAIN INSTALLATIONS

This schedule shall not be applicable to the following installations which shall be billed under other schedules of the Company:

- a. Pumps, elevators, X-ray machines, welding machines and other equipment where the use of electricity is intermittent or the load is of a fluctuating character and where a special service connection is required.
- b. Any service which constitutes an additional service installation.

4. PERCENTAGE OF INCOME PAYMENT PLAN (PIPP)

Monthly bills to PIPP Customers for electric service, exclusive of Rider No. 1 and the other Riders, shall be reduced by 6.241%.

5. Service under this rate is supplied in accordance with the rules and regulations of the Company and is subject to the jurisdiction of the Public Utilities Commission of Ohio.
6. Continued applicability of this rate to a customer is contingent upon their participation in a positive load control program involving the installation of load controls on electric water heating and central air conditioning should the Company so request.

**QUALIFICATION PROCEDURE FOR SPACE HEATING DISCOUNT:**

The builder of each individually-metered residential dwelling unit shall provide and certify to the Company information specifying the thermal insulation effectiveness (i.e., R/numbers) for insulation installed in each building section along with a description of installation and construction details. If each of the following insulation and other energy conservation standards in that dwelling unit is met, the Company shall approve the Consumer's application to be billed under the provisions of the space heating discount.

**ENERGY CONSERVATION STANDARDS FOR SPACE HEATING DISCOUNT:**

	<u>Minimum Insulating Value of Insulation Installed</u>
I. <u>Building Sections</u> (Except in Manufactured Housing Units)	
A. <u>Exterior Walls</u>	
1. <u>Masonry walls including basement walls above frost line.</u>	R/5
2. Frame and other fabricated exterior walls above grade.	R/5
a. Where use of expanded polystyrene rigid board insulation (or equivalent material with comparable R/factor) is permitted.	R/16.5
b. In other locations.	R/11
3. Common walls between separate dwelling units.	R/11
B. <u>Ceilings</u>	
1. Uppermost ceiling separating heated from unheated areas.	R/30

**QUALIFICATION PROCEDURE FOR SPACE HEATING DISCOUNT:**

Minimum Insulating  
Value of Insulation  
Installed

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C. Floors

1. Frame floors over unheated areas. R/22
2. Slab-on-grade floors shall have insulation at the perimeter edge:
  - a. On the inside of the foundation wall from top of slab floor to below the frost line around the perimeter of the slab, or R/10
  - b. From the top of slab floor and extended down the thickness of the slab and then continued horizontally back under the slab to a width of at least two feet around the perimeter of the slab floor:

Vertical Portion	R/10
Horizontal Portion	R/5
3. Heating/cooling ducts that are installed in slab floors shall be enclosed on the warm winter side of the perimeter insulation in the manner provided in 2-(b) above.

D. Windows

1. Total window area shall not exceed 15% of the total floor area.
2. Windows shall be either double-glazed or installed with storm windows.
3. Metal windows shall provide a thermal break between the inside and outside surface areas of the frame.
4. Basement windows shall be either double-glazed, with storm windows, or provided with plastic bubbles covering the entire window opening. No more than the minimum area of windows allowed by municipal code shall be installed.
5. Air leakage shall not exceed 0.5 cfm per foot of operable sash crack.

**QUALIFICATION PROCEDURE FOR SPACE HEATING DISCOUNT:**

E. Doors

1. Doors shall contain an insulation core, or
2. Uninsulated doors shall be installed with storm doors.
3. Air leakage shall not exceed 0.5 cfm per square foot of door area for sliding glass doors and swinging doors, respectively.

II. Insulation and Other Construction Techniques (Except in Manufactured Housing Units)

A. Insulation Installation Procedures

Insulation shall be installed in building sections in a workmanlike manner in order to receive the thermal insulation effectiveness of the manufacturers' designated R/numbers on their products.

1. Insulation on all side walls shall be firmly packed without exposures, at both top and bottom of wall cavities.
2. Insulation shall be chinked into all rough windows and door frame openings and covered with a vapor barrier.
3. Batts shall be neatly stapled at least every 6 inches.

B. A maximum of one sliding glass door per floor of living area shall be installed.

C. All shower heads shall be equipped with flow control devices to limit total flow to a maximum of 3 gpm per shower head.

D. All heating/cooling ducts running through unconditioned spaces shall be fully insulated, both supply and return air ducts (R/7 or better).

E. Hot Water Installation Procedures

1. Water heaters providing the domestic hot water supply shall not be located in unheated areas unless additional insulation is installed surrounding the tank.
2. Water heaters shall be located as close as possible to the points of greatest use of hot water. Where points of use are widely separated, more than one water heater shall be installed to eliminate excessive runs of hot water lines.
3. All hot water lines running through unconditioned areas shall be insulated (R/3.5 or better).

F. Caulking and Sealants

Exterior joints around windows and door frames, between wall and foundation, between wall and roof, between wall panels, at penetrations of utility services through walls, roofs, and through floors over unheated spaces, and all other openings in the exterior envelope of said dwelling structures shall be caulked, gasketed, weatherstripped, or otherwise sealed to prevent air leakage.

**QUALIFICATION PROCEDURE FOR SPACE HEATING DISCOUNT:**

G. Vapor Barriers

1. All insulation shall be installed with vapor barriers, rated 1 perm or less, on the warm winter side of the insulation; provided, however, that vapor barriers shall not be required for top-ceiling areas that meet the attic ventilation provisions of Section 1529.11 of the Regional Dwelling House Code or applicable provisions of the Ohio Building Code.
2. Slab floors in living areas and slabs in crawl-space areas shall have vapor barriers rated 4 mil thickness with maximum 1 perm vapor penetration installed beneath the slab.
3. Vapor barriers, if damaged, shall be repaired before the final wall finish is installed.

III. Manufactured Housing Units Standards for Space Heating Discount

At minimum, manufactured housing shall meet the requirements of the Ohio Basic Building Code for Energy Conservation in New Building Construction, Rule 4101:2-25-03.

**RESIDENTIAL CONSERVATION SERVICE PROGRAM**  
**SCHEDULE "RCS"**

**RESIDENTIAL CONSERVATION SERVICE PROGRAM**

Upon request of an "eligible customer" as defined by Section 456.105(d), the Company shall provide certain services as prescribed by the National Energy Conservation Policy Act of 1978 (Public Law 95-619), 10 CFR Part 456 as amended by the Energy Security Act of 1980, Section 544 (Public Law 96-294), and the Ohio State Plan as approved by the United States Department of Energy. Prior to the Company providing requested services, the customer shall remit the amounts corresponding to the specific service(s);

Program Audit (Class A)	\$15.00
Duplicate Audits	All direct costs

In the case of duplicate audits, the customer shall be provided an estimate of those direct costs which the utility intends to assess.

If the service(s) requested by the customer is (are) not performed, all moneys remitted by the customer for any RCS Program services shall be refunded to such customer.



**GENERAL SERVICE SCHEDULE**

Applicable to any commercial or industrial customer or other general use having a demand of less than 30 kW during the current month and preceding eleven months.

**MONTHLY RATES:**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges, Transmission Charges, Ancillary Service Charges (except as provided below), Generation Transition Charges, Regulatory Transition Charges, and Generation Charges, as shown below. Customers served under this schedule who receive Generation Services from a Certified Supplier will qualify for a Shopping Credit as shown below to reduce the sum of other applicable charges.

**Distribution Charge:**

Customer Charge \$2.75

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge		
First 500 kWh, per kWh	3.719¢	3.370¢
Next 4,500 kWh, per kWh	3.511¢	3.166¢
Next 5,000 kWh, per kWh	2.895¢	2.620¢
All excess kWh, per kWh	2.080¢	1.820¢

**Transmission Charge**

Energy Charge		
First 500 kWh, per kWh	0.244¢	0.221¢
Next 4,500 kWh, per kWh	0.231¢	0.208¢
Next 5,000 kWh, per kWh	0.190¢	0.172¢
All excess kWh, per kWh	0.137¢	0.120¢

**Ancillary Services Charge:**

Scheduling, System Control and Dispatch Service		
For all kWh, per kWh		0.013¢
Reactive Supply Voltage Control from Generation Sources		
For all kWh, per kWh		0.023¢
Regulation and Frequency Response Service *		
For all kWh, per kWh		0.015¢
Operating Reserve - Spinning Reserve Service *		
For all kWh, per kWh		0.022¢
Operating Reserve – Supplemental Reserve Service *		
For all kWh, per kWh		0.011¢

\* This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

**GENERAL SERVICE SCHEDULE**

<b><u>Generation Transition Charge:</u></b>	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge		
First 500 kWh, per kWh	2.093¢	1.896¢
Next 4,500 kWh, per kWh	1.975¢	1.782¢
Next 5,000 kWh, per kWh	1.629¢	1.474¢
All excess kWh, per kWh	1.171¢	1.024¢
<b><u>Regulatory Transition Charge:</u></b>		
Energy Charge		
First 500 kWh, per kWh	3.245¢	2.940¢
Next 4,500 kWh, per kWh	3.063¢	2.762¢
Next 5,000 kWh, per kWh	2.526¢	2.286¢
All excess kWh, per kWh	1.815¢	1.588¢
<b><u>Generation Charge:</u></b>		
Energy Charge		
First 500 kWh, per kWh	5.006¢	4.658¢
Next 4,500 kWh, per kWh	4.797¢	4.455¢
Next 5,000 kWh, per kWh	4.187¢	3.912¢
All excess kWh, per kWh	3.376¢	3.116¢

**Shopping Credit**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge.

Energy Credit:		
First 500 kWh, per kWh	5.341¢	4.840¢
Next 4,500 kWh, per kWh	5.041¢	4.547¢
Next 5,000 kWh, per kWh	4.547¢	4.520¢
All excess kWh, per kWh	3.694¢	3.294¢

The Winter Rates shall be applicable in eight consecutive billing periods beginning with the October bills each year. The Summer Rates shall apply in all other billing periods.

**RECTIFIER CAPACITY CHARGE**

(Applicable only for DIRECT CURRENT SERVICE, Rider No. 6.)

\$4.75 per kW of installed rectifier capacity.

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date for non-residential bills shall not be less than twenty-one days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers

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**GENERAL SERVICE SCHEDULE**

**APPLICABLE RIDERS:**

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

ELECTRIC FUEL COMPONENT	Rider No. 1	Sheet No. 79
DIRECT CURRENT SERVICE	Rider No. 6	Sheet No. 84
UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
NET ENERGY METERING	Rider No. 17	Sheet No. 93

**SPECIAL RULES:**

1. COMBINED BILLING
  - a. This Schedule is applicable to any combination on one meter of more than four residential installations on the same premises, or any combination on one meter of residential and commercial installations on the same premises.
  - b. Where two or more separate installations of different classes of service on the same premises are supplied separately with service connections within ten feet of each other, the meter registrations shall be combined for billing purposes, unless the customer shall make written request for separate billing.
2. SCHEDULE TRANSFERS
  - a. If in any month the demand of one installation or the undiversified total demand of several installations eligible for Combined Billing equals or exceeds 30 kW, the service for that month and for subsequent months shall be billed under the Small General Service Schedule as long as such schedule is applicable.
  - b. Demand meters will be installed when, in the judgment of the Company based on tests or other data, the billing demand may exceed 30 kW.

**ELECTRIC SPACE CONDITIONING SCHEDULE**

This Rate Sheet is in the process of elimination and is withdrawn except for the present customers receiving service hereunder at premises served as of June 9, 2004.

Available on an optional basis to a Full Service customer for installations where (a) electricity is the sole source of energy except for unavoidable, specialized or incidental requirements for space heating and air conditioning requirements, (b) the Customer's wiring permits separate metering of space heating and air conditioning utilizations, and (c) the space heating equipment is permanently installed and where all electrical requirements are supplied by the Company at a single point of delivery. Not available to residential applications in a single family home. A Full Service customer is one that receives all retail electric services from the Company.

**MONTHLY RATES:**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges, Transmission Charges, Ancillary Service Charges, Generation Transition Charges, Regulatory Transition Charges, and Generation Charges, as shown below. Customers who receive Generation Services from a Certified Supplier may not be served under this schedule; therefore no Shopping Credit applies to this schedule.

**Distribution Charge:**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge For all kWh, per kWh	1.629¢	0.355¢

**Transmission Charge**

Energy Charge For all kWh, per kWh	0.358¢	0.078¢
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**Ancillary Services Charge:**

Scheduling, System Control and Dispatch Service For all kWh, per kWh		0.008¢
Reactive Supply Voltage Control from Generation Sources For all kWh, per kWh		0.014¢
Regulation and Frequency Response Service For all kWh, per kWh		0.009¢
Operating Reserve - Spinning Reserve Service For all kWh, per kWh		0.013¢
Operating Reserve – Supplemental Reserve Service For all kWh, per kWh		0.007¢

**Generation Transition Charge:**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge For each kWh, per kWh	4.857¢	1.057¢

**ELECTRIC SPACE CONDITIONING SCHEDULE**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
<b><u>Regulatory Transition Charge:</u></b>		
Energy Charge		
First each kWh, per kWh	7.531¢	1.639¢
<b><u>Generation Charge:</u></b>		
Energy Charge		
First each kWh, per kWh	(2.284)¢	0.552¢

The Winter Rates shall be applicable in eight consecutive billing periods beginning with the October bills each year. The Summer Rates shall apply in all other billing periods.

All other utilizations including individually metered suites in apartments, townhouses, etc., shall be billed under the applicable schedules of the Company.

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date for non-residential bills shall not be less than twenty-one days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers

**APPLICABLE RIDERS:**

The Rates and charges specified above shall be modified in accordance with the provisions of the following applicable Riders:

ELECTRIC FUEL COMPONENT	Rider No. 1	Sheet No. 79
UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
NET ENERGY METERING	Rider No. 17	Sheet No. 93

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**ELECTRIC SPACE CONDITIONING SCHEDULE**

**SPECIAL RULES:**

1. The Consumer shall furnish a separate circuit (or equivalent) to which approved space heating and air conditioning equipment shall be permanently connected. Such circuit shall be so designed and constructed that no other electrical devices shall be connected thereto, except as described in Special Rule 2.
2. Electric water heaters may be connected to the space conditioning circuit. Such water heaters shall be of the automatic storage type with thermostatically controlled, noninductive heating elements. Water heating may be on a controlled basis at the option of the Company. Approved water heaters in individual suites may be permanently connected either to the suite wiring or to the space conditioning circuit.
3. Air conditioning equipment separate from the space heating equipment shall have an electrical capacity not greater than that of the space heating equipment.
4. Building additions or separate buildings which would qualify for service under this schedule if separately supplied may be combined for billing purposes with other buildings of the same Consumer if all such buildings are located on one Premises and are supplied by the Company at a single point of delivery. Space conditioning and water heating requirements of this installation shall be separately metered and billed in accordance with Rate provision 1. of this schedule. All other electrical requirements of such buildings to be combined for billing purposes shall be treated in accordance with Rate provision 2. of this schedule.
5. Customers with the remainder of their electrical usage billed under the Industrial Schedule or the Large General Service Schedule may, during the summer billing months, have their total usage billed under the Industrial Schedule or the Large General Service Schedule. The Customer is responsible for any additional meter costs necessary to perform such billing.

**SMALL GENERAL SERVICE SCHEDULE**

Applicable to any commercial or industrial Customer having a demand equal to or in excess of 30 kW during the current month or any of the preceding eleven months.

**MONTHLY RATES:**

Monthly charges per customer for all customers served under this schedule shall include Reactive Demand Charges, Distribution Charges, Transmission Charges, Ancillary Service Charges (except as provided below), Generation Transition Charges, Regulatory Transition Charges, and Generation Charges, as shown below. Customers served under this schedule who receive Generation Services from a Certified Supplier will qualify for a Shopping Credit as shown below to reduce the sum of other applicable charges.

Reactive Demand Charge:  
For Each rkVA of Reactive Billing Demand, per rkVA \$0.48

**Distribution Charge:**  
Customer Charge \$33.34

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Kilowatt Demand Charge		
First 50 kW, per kW	\$6.087	\$5.599
All excess kW, per kW	\$5.480	\$5.038

**Transmission Charge:**

Kilowatt Demand Charge		
First 50 kW, per kW	\$0.870	\$0.800
All excess kW, per kW	\$0.783	\$0.720

**Ancillary Services Charge:**

Scheduling, System Control and Dispatch Service		
For all kW, per kW		4.80¢
Reactive Supply Voltage Control from Generation Sources		
For all kW, per kW		8.60¢
Regulation and Frequency Response Service *		
For all kW, per kW		5.50¢
Operating Reserve - Spinning Reserve Service *		
For all kW, per kW		8.30¢
Operating Reserve – Supplemental Reserve Service *		
For all kW, per kW		4.10¢

\* This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

**SMALL GENERAL SERVICE SCHEDULE**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
<b><u>Generation Transition Charge:</u></b>		
Energy Charge		
For the first 200 kWh per kW of demand, per kWh	1.880¢	1.706¢
For the next 200 kWh per kW of demand, per kWh	1.786¢	1.621¢
For all excess kWh per kWh	1.736¢	1.589¢
<b><u>Regulatory Transition Charge:</u></b>		
Energy Charge		
For the first 200 kWh per kW of demand, per kWh	2.947¢	2.675¢
For the next 200 kWh per kW of demand, per kWh	2.800¢	2.541¢
For all excess kWh per kWh	2.721¢	2.490¢
<b><u>Generation Charge:</u></b>		
Demand Charge		
For the first 50 kW, per kW	\$6.080	\$5.568
All excess kW, per kW	\$5.444	\$4.979
Energy Charge		
For the first 200 kWh per kW of demand, per kWh	3.200¢	3.032¢
For the next 200 kWh per kW of demand, per kWh	3.109¢	2.950¢
For all excess kWh per kWh	3.060¢	2.919¢
<b><u>Shopping Credit</u></b>		
The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge.		
Demand Credit		
For the first 50 kW, per kW	\$5.775	\$5.313
All excess kW, per kW	\$5.199	\$4.780
Energy Credit		
For the first 200 kWh per kW of demand, per kWh	3.568¢	3.286¢
For the next 200 kWh per kW of demand, per kWh	3.414¢	3.147¢
For all excess kWh per kWh	3.334¢	3.095¢



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**SMALL GENERAL SERVICE SCHEDULE**

The Winter Rates specified above shall be applicable in eight consecutive monthly billing periods beginning with the October bills each year. The Summer Rates shall apply in all other billing periods.

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date for non-residential bills shall not be less than twenty-one days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers

**APPLICABLE RIDERS:**

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

ELECTRIC FUEL COMPONENT	Rider No. 1	Sheet No. 79
PRIMARY METERING DISCOUNT	Rider No. 2	Sheet No. 80
SUPPLY VOLTAGE DISCOUNT	Rider No. 3	Sheet No. 81
DIRECT CURRENT SERVICE	Rider No. 6	Sheet No. 84
OFF-PEAK DEMAND FORGIVENESS	Rider No. 7	Sheet No. 85
UNIVERSAL SERVICE	Rider No.14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
NET ENERGY METERING	Rider No. 17	Sheet No. 93

**MINIMUM CHARGE:**

The minimum charge per month shall be the customer charge plus Rider No. 14 and Rider No. 15.

**MAXIMUM CHARGE:**

For a customer under this schedule, billing under the demand and energy charges of this rate shall not exceed \$.257/kWh. The billing shall include the above charge and the applicable customer charge, and Riders.

**SPECIAL RULES:**

1. COMBINED BILLING

Where two or more Separate Installations of different Classes of Service on the same Premises are supplied separately with service connections within 10 feet of each other, the meter registrations shall be combined for billing purposes, unless the Consumer shall make written request for separate billing.

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**SMALL GENERAL SERVICE SCHEDULE**

2. SCHEDULE TRANSFERS

If for a period of twelve consecutive months, the demand of one installation or the undiversified total demand of several installations eligible for Combined Billing in each such month is less than 30 kW, subsequent service and billing shall be under the terms of the General Service Schedule as long as such schedule is applicable.

3. REACTIVE BILLING DEMAND

- a. For all single-phase installations and for those three-phase installations where the Kilowatt Demand on any Class of Service is less than 65 kW, the reactive billing demand shall be zero.
- b. If the Kilowatt Demand is 65 kW or higher for three-phase installations, the reactive billing demand shall be determined by multiplying the monthly Kilowatt Demand by the ratio of the monthly lagging reactive kilovoltampere hours to the monthly kilowatthours and subtracting 30 from the resultant product.

4. SERVICE INTERRUPTION

Upon written notice and proof within ten days of any service interruption continuing longer than twenty-four hours, the Company will make a pro rata reduction in the Kilowatt Demand rate. Otherwise the Company will not be responsible for service interruptions.

**MEDIUM GENERAL SERVICE SCHEDULE**

Applicable to any commercial or industrial Customer who will guarantee a monthly demand of at least one hundred fifty (150) kilowatts.

**MONTHLY RATES:**

Monthly charges per customer for all customers served under this schedule shall include Reactive Demand Charges, Distribution Charges, Transmission Charges, Ancillary Service Charges (except as provided below), Generation Transition Charges, Regulatory Transition Charges, and Generation Charges, as shown below. Customers served under this schedule who receive Generation Services from a Certified Supplier will qualify for a Shopping Credit as shown below to reduce the sum of other applicable charges.

Reactive Demand Charge:

For Each rkVA of Reactive Billing Demand, per rkVA \$0.480

**Distribution Charge:**

Customer Charge \$95.25

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
First 200 kW, per kW	\$5.921	\$5.455
All excess kW, per kW	\$5.224	\$4.789

**Transmission Charge:**

First 200 kW, per kW	\$0.979	\$0.902
All excess kW, per kW	\$0.863	\$0.791

**Ancillary Services Charge:**

Scheduling, System Control and Dispatch Service		
For all kW, per kW		5.30¢
Reactive Supply Voltage Control from Generation Sources		
For all kW, per kW		9.50¢
Regulation and Frequency Response Service *		
For all kW, per kW		6.10¢
Operating Reserve - Spinning Reserve Service *		
For all kW, per kW		9.20¢
Operating Reserve - Supplemental Reserve Service *		
For all kW, per kW		4.60¢

\* This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

**MEDIUM GENERAL SERVICE SCHEDULE**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
<b><u>Generation Transition Charge:</u></b>		
For the first 200 kWh per kW of demand, per kWh	2.142¢	2.035¢
For the next 200 kWh per kW of demand, per kWh	1.535¢	1.428¢
For all excess kWh per kWh	1.171¢	1.071¢
<b><u>Regulatory Transition Charge:</u></b>		
For the first 200 kWh per kW of demand, per kWh	3.321¢	3.155¢
For the next 200 kWh per kW of demand, per kWh	2.380¢	2.214¢
For all excess kWh per kWh	1.815¢	1.660¢
<b><u>Generation Charge:</u></b>		
Demand Charge		
First 200 kW, per kW	\$6.353	\$5.826
All excess kW, per kW	\$5.566	\$5.073
Energy Charge		
For the first 200 kWh per kW of demand, per kWh	1.929¢	1.902¢
For the next 200 kWh per kW of demand, per kWh	1.777¢	1.750¢
For all excess kWh per kWh	1.686¢	1.661¢
<b><u>Shopping Credit</u></b>		
The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge.		
Demand Credit:		
First 200 kW, per kW	\$5.778	\$5.323
All excess kW, per kW	\$5.097	\$4.673
Energy Credit:		
For the first 200 kWh per kW of demand, per kWh	2.644¢	2.511¢
For the next 200 kWh per kW of demand, per kWh	1.894¢	1.762¢
For all excess kWh per kWh	1.445¢	1.322¢

The Winter Rates specified above shall be applicable in eight consecutive monthly billing periods beginning with the October bills each year. The Summer Rates shall apply in all other billing periods.

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**MEDIUM GENERAL SERVICE SCHEDULE**

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date for non-residential bills shall not be less than twenty-one days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers

**APPLICABLE RIDERS:**

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

ELECTRIC FUEL COMPONENT	Rider No. 1	Sheet No. 79
PRIMARY METERING DISCOUNT	Rider No. 2	Sheet No. 80
SUPPLY VOLTAGE DISCOUNT	Rider No. 3	Sheet No. 81
DIRECT CURRENT SERVICE	Rider No. 6	Sheet No. 84
OFF-PEAK DEMAND FORGIVENESS	Rider No. 7	Sheet No. 85
UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
NET ENERGY METERING	Rider No.17	Sheet No. 93

**MINIMUM CHARGE:**

The net minimum charge per month shall be the customer charge plus the applicable reactive demand charge, the applicable energy charges for 50 hours of use of monthly billing demand, including applicable adjustment charges or credits.

**MAXIMUM CHARGE:**

For a customer under this schedule, billing under the demand and energy charges of this rate shall not exceed \$.257/kWh. The billing shall include the above charge and the applicable customer charge and Riders.

**SPECIAL RULES:**

1. COMBINED BILLING

Where two or more Separate Installations of different Classes of Service on the same Premises are supplied separately with service connections within 10 feet of each other, the meter registrations shall be combined for billing purposes, unless the Consumer shall make written request for separate billing.

2. SCHEDULE TRANSFERS

If for a period of twelve consecutive months, the demand of one installation or the undiversified total demand of several installations eligible for Combined Billing in each such month is less than 150 kW, subsequent service and billing shall be under the terms of the Small General Service Schedule as long as such schedule is applicable.

**MEDIUM GENERAL SERVICE SCHEDULE**

3. REACTIVE BILLING DEMAND

- a. For all single-phase installations and for those three-phase installations where the Kilowatt Demand on any Class of Service is less than 65 kW, the reactive billing demand shall be zero.
  
- b. If the Kilowatt Demand is 65 kW or higher for three-phase installations, the reactive billing demand shall be determined by multiplying the monthly Kilowatt Demand by the ratio of the monthly lagging reactive kilovoltampere hours to the monthly kilowatthours and subtracting 30 from the resultant product.

4. TERMS OF SERVICE & CONTRACT

Electric service hereunder will be furnished in accordance with a written contract 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.

**ALL ELECTRIC LARGE GENERAL SERVICE SCHEDULE**

Available on an optional basis to commercial and industrial Customers for all-electric installations having demand equal to or in excess of 20 kW where electricity is the sole source of energy except for unavoidable, specialized or incidental requirements and where, as determined by the Company, the kilowatthours required for permanently installed space heating and cooling and water heating represent at least one-half of the total annual base load energy requirements or the equivalent of 1,200 hours use of the base load per year.

**RATE:**

Monthly charges per customer for all customers served under this schedule shall include Reactive Demand Charges, Distribution Charges, Transmission Charges, Ancillary Service Charges (except as provided below), Generation Transition Charges, Regulatory Transition Charges, and Generation Charges, as shown below. Customers served under this schedule who receive Generation Services from a Certified Supplier will qualify for a Shopping Credit as shown below to reduce the sum of other applicable charges.

Reactive Demand Charge:  
 For Each rkVA of Reactive Billing Demand, per rkVA \$0.48

**Distribution Charge:**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
First 50 kWd, per Kw	\$4.993	\$4.993
For All Additional kWd, per kW	\$4.559	\$4.559

**Transmission Charges:**

First 50 kWd, per Kw	\$1.091	\$1.091
For All Additional kWd, per kW	\$0.996	\$0.996

**Ancillary Services Charges:**

Scheduling, System Control and Dispatch Service For all kW, per kW	6.10¢
Reactive Supply Voltage Control from Generation Sources For all kW, per kW	11.0¢
Regulation and Frequency Response Service * For all kW, per kW	7.10¢
Operating Reserve – Spinning Reserve Service * For all kW, per kW	10.60¢
Operating Reserve – Supplemental Reserve Service * For all kW, per kW	5.30¢

\* This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

**ALL ELECTRIC LARGE GENERAL SERVICE SCHEDULE**

<b><u>Generation Transition Charge</u></b>	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge:		
First 40,000 kWh, per kWh	3.525¢	1.658¢
Next 60,000 kWh, per kWh	2.549¢	1.343¢
For all excess kWh, per kWh	2.264¢	1.139¢
 <b><u>Regulatory Transition Charges:</u></b>		
Energy Charge:		
First 40,000 kWh, per kWh	5.466¢	2.571¢
Next 60,000 kWh, per kWh	3.952¢	2.082¢
For all excess kWh, per kWh	3.510¢	1.767¢
 <b><u>Generation Charge:</u></b>		
First 50 kWd, per Kwd	\$8.115	\$8.115
For All Additional kWd, per kWd	\$7.374	\$7.374
 First 40,000 kWh, per kWh	 (0.669)¢	 0.423¢
Next 60,000 kWh, per kWh	(0.099)¢	0.607¢
For all excess kWh, per kWh	0.068¢	0.726¢

**Shopping Credit:**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge.

First 50 kWd, per Kwd	\$9.566	\$9.566
For All Additional kWd, per kWd	\$8.734	\$8.734
 First 40,000 kWh, per kWh	 4.547¢	 2.785¢
Next 60,000 kWh, per kWh	4.008¢	2.353¢
For all excess kWh, per kWh	3.617¢	2.072¢

The Winter Rates specified above shall be applicable in eight consecutive monthly billing periods beginning with the October bills each year. The Summer Rates shall apply in all other billing periods.

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date for non-residential bills shall not be less than twenty-one days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers.



**ALL ELECTRIC LARGE GENERAL SERVICE SCHEDULE**

**APPLICABLE RIDERS:**

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

ELECTRIC FUEL COMPONENT	Rider No. 1	Sheet No. 79
PRIMARY METERING DISCOUNT	Rider No. 2	Sheet No. 80
SUPPLY VOLTAGE DISCOUNT	Rider No. 3	Sheet No. 81
CUSTOMER'S SUBSTATION DISCOUNT	Rider No. 4	Sheet No. 82
OFF-PEAK DEMAND FORGIVENESS	Rider No. 7	Sheet No. 85
UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
NET ENERGY METERING	Rider No. 17	Sheet No. 93

**MINIMUM CHARGE:**

\$25.00 per month or fraction of a month.

**MAXIMUM CHARGE:**

If a Customer's use in any month is at such low load factor that the sum of the Kilowatt Demand, Reactive Demand and Kilowatthour charges and Riders applicable (excluding Rider Nos. 1, 14 and 15) to those charges produces a rate in excess of 23.0 cents per kWh, the bill shall be reduced to that rate per kWh of use in that month plus the Electric Fuel Component Charge - Rider No. 1, Rider No. 14 and Rider No. 15, and the rectifier capacity charge when applicable, but not less than the Minimum Charge.

**SPECIAL RULES:**

1. COMBINED BILLING
  - a. Where two or more Separate Installations of different Classes of Service on the same Premises are supplied separately with service connections within 10 feet of each other, the meter registrations shall be combined for billing purposes, unless the Consumer shall make written request for separate billing.
  - b. Building additions or separate buildings which would qualify for service under this schedule if separately supplied may be combined for billing purposes with other buildings of the same Consumer if all such buildings are located on one Premises and are supplied by the Company at a single point of delivery. The Kilowatt Demand and reactive demand of the combined loads and the kilowatthours of the combined loads excluding those of the all-electric installation shall be billed at the rates of the Small General Service Schedule, Medium General Service Schedule or Large General Service Schedule. The kilowatthours of the all-electric installation shall be billed at the rates of this schedule at the rate blocks applicable to energy use additional to an amount equal to the energy consumed for that month and billed on the Small General Service Schedule, Medium General Service Schedule or Large General Service Schedule. The Maximum Charge provision shall be applicable only to the total combined bill hereunder.

**ALL ELECTRIC LARGE GENERAL SERVICE SCHEDULE**

**SPECIAL RULES: (Cont'd)**

2. SCHEDULE TRANSFERS

If for a period of twelve consecutive months, the demand of one installation or the undiversified demand of several installations eligible for Combined Billing in each such month is less than 20 kW, subsequent service and billing shall be under the terms of the General Service Schedule as long as such schedule is applicable.

3. REACTIVE BILLING DEMAND

- a. For all single-phase installations and for those three-phase installations where the Kilowatt Demand on any Class of Service is less than 65 kW, the reactive billing demand shall be zero.
- b. If the Kilowatt Demand is 65 kW or higher for three-phase installations, the reactive billing demand shall be determined by multiplying the monthly Kilowatt Demand by the ratio of the monthly lagging reactive kilovoltampere hours to the monthly kilowatthours and subtracting 30 from the resultant product.

4. SERVICE INTERRUPTION

Upon written notice and proof within ten days of any service interruption continuing longer than twenty-four hours, the Company will make a pro rata reduction in the Kilowatt Demand rate. Otherwise, the Company will not be responsible for service interruptions.

5. BASE LOAD

Base load shall mean the average monthly Kilowatt Demand of the Customer exclusive of space heating and cooling, water heating and industrial process heating.

6. MISCELLANEOUS

In the event a building's tenant is supplied heating or cooling through a central building application, the individual tenants shall be precluded from the All-Electric Large Schedule.

**LARGE GENERAL SERVICE SCHEDULE**

Applicable to any Customer having a demand of more than 650 kW.

**RATES:**

Monthly charges per customer for all customers served under this schedule shall include Reactive Demand Charges, Distribution Charges, Transmission Charges, Ancillary Service Charges (except as provided below), Generation Transition Charges, Regulatory Transition Charges, and Generation Charges, as shown below. Customers served under this schedule who receive Generation Services from a Certified Supplier will qualify for a Shopping Credit as shown below to reduce the sum of other applicable charges.

Reactive Demand Charge:	
For Each rkVA of Reactive Billing Demand, per rkVA	\$0.480

**Distribution Charge**

Customer Charge	\$238.13
Demand Charge	
First 500 kW, per kW	\$4.602
Next 500 kW, per kW	\$4.259
All excess kW, per kW	\$3.575

**Transmission Charge**

Demand Charge	
First 500 kW, per kW	\$0.975
Next 500 kW, per kW	\$0.903
All excess kW, per kW	\$0.757

**Ancillary Services Charge**

Scheduling, System Control and Dispatch Service	
For all kW, per kW	5.10¢
Reactive Supply Voltage Control from Generation Sources	
For all kW, per kW	9.20¢
Regulation and Frequency Response Service *	
For all kW, per kW	5.90¢
Operating Reserve - Spinning Reserve Service *	
For all kW, per kW	8.90¢
Operating Reserve – Supplemental Reserve Service *	
For all kW, per kW	4.40¢

\* This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

**LARGE GENERAL SERVICE SCHEDULE**

**Generation Transition Charge:**

For the first 150 kWh per kWd	2.560¢
For the next 150 kWh per kWd	1.923¢
For the next 150 kWh per kWd	1.124¢
For all excess kWh, per kWh	0.188¢

**Regulatory Transition Charge:**

For the first 150 kWh per kWd	3.969¢
For the next 150 kWh per kWd	2.981¢
For the next 150 kWh per kWd	1.744¢
For all excess kWh per kWh	0.292¢

**Generation Charge:**

First 500 kW, per kW	\$8.468
Next 500 kW, per kW	\$7.813
All excess kW, per kW	\$6.503
For the first 150 kWh per kWd	0.611¢
For the next 150 kWh per kWd	0.805¢
For the next 150 kWh per kWd	1.049¢
For all excess kWh per kWh	1.335¢

**Shopping Credit**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge.

First 500 kW, per kW	\$7.694
Next 500 kW, per kW	\$7.121
All excess kW, per kW	\$5.976
For the first 150 kWh per kWd	3.190¢
For the next 150 kWh per kWd	2.395¢
For the next 150 kWh per kWd	1.401¢
For all excess kWh, per kWh	0.235¢

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**LARGE GENERAL SERVICE SCHEDULE**

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date for non-residential bills shall not be less than twenty-one days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers

**APPLICABLE RIDERS:**

The Rates and charges specified above shall be modified in accordance with the provisions of the following applicable Riders:

ELECTRIC FUEL COMPONENT	Rider No. 1	Sheet No. 79
PRIMARY METERING DISCOUNT	Rider No. 2	Sheet No. 80
SUPPLY VOLTAGE DISCOUNT	Rider No. 3	Sheet No. 81
CUSTOMERS SUBSTATION DISCOUNT	Rider No. 4	Sheet No.82
DIRECT CURRENT SERVICE	Rider No. 6	Sheet No. 84
OFF-PEAK DEMAND FORGIVENESS	Rider No. 7	Sheet No. 85
UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
NET ENERGY METERING	Rider No. 17	Sheet No. 93

**SPECIAL RULES:**

1. SUBMETERING OR REDISTRIBUTION PROHIBITED

This schedule is applicable only where all of the electricity supplied is used solely by the Consumer for his own individual use, except as provided by Special Rule 5.

2. SCHEDULE TRANSFERS

- a. If in each month the kilowatt use is less than 650 kW for a period of twelve consecutive months, subsequent service and billing shall be under the terms of the Medium General Service Schedule as long as such schedule is applicable.

3. REACTIVE BILLING DEMAND

- a. The Company shall each month determine the net leading or lagging reactive kilovolt ampere demand registered during the same 30-minute period as the maximum Kilowatt Demand.
- b. If the rkVA demand so determined is lagging, the reactive billing demand shall be the rkVA which are in excess of 10 percent of the Kilowatt Demand billed.
- c. If the rkVA demand so determined is leading, the reactive billing demand shall be the rkVA which are in excess of 40 percent of the Kilowatt Demand billed.

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**LARGE GENERAL SERVICE SCHEDULE**

4. SERVICE INTERRUPTION

Upon written notice and proof within ten days of any service interruption continuing longer than twenty-four hours, the Company will make a pro rata reduction in the Kilowatt Demand rate. Otherwise the Company will not be responsible for service interruptions.

5. BUILDINGS USED PRIMARILY FOR OFFICE PURPOSES

Either submetering or redistribution, as defined by the definitions of Section IX of the General Rules and Regulations, shall be permitted for buildings used primarily for office purposes upon the Customer executing a written application agreeing that service hereunder (1) shall be for five years, and for successive periods of two years each, unless written notice of termination is given one year before expiration of the five-year period, or any two-year renewal period; (2) shall be supplied solely by the Company during the initial and renewal periods; and (3) shall not be submetered to its tenants at charges greater than that which the tenant would pay to the Company on the otherwise applicable rate schedules.

Noncompliance with the terms and conditions of Special Rule 5 will result in the Customer not being eligible to receive service under the Large General Service Schedule.

6. TERMS OF SERVICE AND CONTRACT

Electric service hereunder will be furnished in accordance with a written contract 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.

The customer shall contract for capacity equal to the estimated maximum demand of his load. The Company will supply capacity in excess of that contracted for when such capacity is available, but reserves the right to refuse to supply such additional capacity when in the judgment of the Company to do so would jeopardize the quality or continuity of service to other customers.

**SMALL SCHOOL SCHEDULE**

Applicable to any not-for-profit educational entity on the lines of the Company for service to school buildings being used for primary and secondary education, and having a demand equal to or in excess of 30 kW during the current month or any of the preceding eleven months. Service under this rate is to be used in connection with classroom and related requirements. Facilities such as parking garages, administrative buildings, maintenance buildings, etc., are to be billed on any Company schedule that the customer selects and for which the facility qualifies.

**RATE:**

Monthly charges per customer for all customers served under this schedule shall include Reactive Demand Charges, Distribution Charges, Transmission Charges, Ancillary Service Charges (except as provided below), Generation Transition Charges, Regulatory Transition Charges, and Generation Charges, as shown below. Customers served under this schedule who receive Generation Services from a Certified Supplier will qualify for a Shopping Credit as shown below to reduce the sum of other applicable charges.

Reactive Demand Charge:

For Each rkVA of Reactive Billing Demand, per rkVA \$0.48

**Distribution Charge:**

Customer Charge:

Single Phase Service \$9.00  
Three Phase Service \$15.00

Kilowatt Demand Billing Charge:

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
First 50 kWd, per kW	\$7.720	\$7.178
For All Additional kWd, per kW	\$7.099	\$6.546

**Transmission Charges:**

First 50 kWd, per kW	\$0.948	\$0.882
For All Additional kWd, per kW	\$0.872	\$0.804

**Ancillary Services Charges:**

Scheduling, System Control and Dispatch Service	
For All kW, per kW	5.20¢
Reactive Supply Voltage Control from Generation Sources	
For All kW, per kW	9.30¢
Regulation and Frequency Response Service *	
For All kW, per kW	5.90¢
Operating Reserve – Spinning Reserve Service *	
For All kW, per kW	9.00¢
Operating Reserve – Supplemental Reserve Service *	
For All kW, per kW	4.50¢

This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

**SMALL SCHOOL SCHEDULE**

<b><u>Generation Transition Charge</u></b>	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge:		
First 150 kWh, per kWd	2.246¢	2.072¢
Next 150 kWh, per kWd	1.367¢	1.062¢
For all excess kWh, per kWh	1.231¢	0.990¢
<b><u>Regulatory Transition Charges:</u></b>		
Energy Charge:		
First 150 kWh, per kWd	3.482¢	3.213¢
Next 150 kWh, per kWd	2.120¢	1.646¢
For all excess kWh, per kWh	1.908¢	1.536¢
<b><u>Generation Charge:</u></b>		
Kilowatt Demand Charge:		
First 50 kWd	\$(2.167)	\$(2.039)
For All Additional kWd, per kW	\$(2.020)	\$(1.889)
Energy Charge:		
First 150 kWh, per kWd	6.684¢	6.277¢
Next 150 kWh, per kWd	4.615¢	3.894¢
For all excess kWh, per kWh	4.293¢	3.726¢
<b><u>Shopping Credit</u></b>		
<p>The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge.</p>		
Kilowatt Demand Credit:		
First 50 kWd	\$2.821	\$2.624
For All Additional kWd, per kW	\$2.595	\$2.393
Energy Credit:		
First 150 kWh, per kWd	4.547¢	4.547¢
Next 150 kWh, per kWd	3.459¢	2.799¢
For all excess kWh, per kWh	3.164¢	2.645¢



**SMALL SCHOOL SCHEDULE**

The Winter Rates specified above shall be applicable in eight consecutive monthly billing periods beginning with the October bills each year. The Summer Rates shall apply in all other billing periods.

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date for non-residential bills shall not be less than twenty-one days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers.

**APPLICABLE RIDERS:**

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

ELECTRIC FUEL COMPONENT	Rider No. 1	Sheet No. 79
OFF-PEAK DEMAND FORGIVENESS	Rider No. 7	Sheet No. 85
UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
NET ENERGY METERING	Rider No. 17	Sheet No. 93

**MINIMUM CHARGE:**

The minimum charge per month shall be the customer charge.

**APPLICABILITY:**

If it is determined that a facility no longer qualifies for service under this schedule, billing under the tariff will cease upon sixty (60) days prior written notice by the Company to the Customer.

**REACTIVE BILLING DEMAND:**

- a. If the Kilowatt Demand on any Class of Service is less than 65 kW for three-phase installations or 75 kW for single-phase installations, the reactive billing demand shall be zero.
- b. If the Kilowatt Demand is 65 kW or higher for three-phase installations or 75 kW or higher for single-phase installations, the reactive billing demand shall be determined by multiplying the monthly Kilowatt Demand by the ratio of the monthly lagging reactive kilovoltampere hours to the monthly kilowatthours and subtracting 30 from the resultant product.

**SERVICE INTERRUPTION:**

Upon written notice and proof within ten (10) days of any service interruption continuing longer than twenty-four (24) hours, the Company will make a pro rata reduction in the Kilowatt Demand rate.

**LARGE SCHOOL SCHEDULE**

Applicable to any not-for-profit educational entity on the lines of the Company for service to school buildings being used for primary and secondary education who will guarantee a Monthly Billing Demand of at least one hundred fifty (150) kWd. Service under this rate is to be used in connection with classroom and related requirements. Facilities such as parking garages, administrative buildings, maintenance buildings etc., are to be billed on any Company schedule that the customer selects and for which the facility qualifies.

**RATE:**

Monthly charges per customer for all customers served under this schedule shall include Reactive Demand Charges, Distribution Charges, Transmission Charges, Ancillary Service Charges (except as provided below), Generation Transition Charges, Regulatory Transition Charges, and Generation Charges, as shown below. Customers served under this schedule who receive Generation Services from a Certified Supplier will qualify for a Shopping Credit as shown below to reduce the sum of other applicable charges.

Reactive Demand Charge:

For Each rkVA of Reactive Billing Demand, per rkVA \$0.48

**Distribution Charge:**

Customer Charge: \$175.00

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Kilowatt Demand Billing Charge:		
First 200 kWd, per kW	\$9.509	\$8.722
For All Additional kWd, per Kw	\$9.022	\$8.186

**Transmission Charges:**

First 200 kWd, per kW	\$1.196	\$1.097
For All Additional kWd, per kW	\$1.135	\$1.030

**Ancillary Services Charges:**

Scheduling, System Control and Dispatch Service		
For all kW, per kW		6.60¢
Reactive Supply Voltage Control from Generation Sources		
For all kW, per kW		11.80¢
Regulation and Frequency Response Service *		
For all kW, per kW		7.50¢
Operating Reserve – Spinning Reserve Service *		
For all kW, per kW		11.50¢
Operating Reserve – Supplemental Reserve Service *		
For all kW, per kW		5.70¢

**LARGE SCHOOL SCHEDULE**

\* This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

<b><u>Generation Transition Charge</u></b>	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge:		
First 300 kWh, per kWd	2.048¢	1.797¢
For all excess kWh	0.642¢	0.642¢
 <b><u>Regulatory Transition Charges:</u></b>		
Energy Charge:		
First 300 kWh, per kWd	3.176¢	2.786¢
For all excess kWh	0.995¢	0.995¢
 <b><u>Generation Charge:</u></b>		
Kilowatt Demand Billing Charge:		
First 200 kWd, per kW	\$2.514	\$2.270
For All Additional kWd, per kW	\$2.362	\$2.103
 Energy Charge:		
First 300 kWh, per kWd	1.559¢	1.538¢
For all excess kWh	1.444¢	1.444¢

**Shopping Credit**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge.

Kilowatt Demand Billing Credit:		
First 200 kWd, per kW	\$7.200	\$6.605
For All Additional kWd, per kW	\$6.831	\$6.198
 Energy Credit:		
First 300 kWh, per kWd	3.540¢	3.167¢
For all excess kWh	1.457¢	1.457¢

The Winter Rates specified above shall be applicable in eight consecutive monthly billing periods beginning with the October bills each year. The Summer Rates shall apply in all other billing periods.

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date for non-residential bills shall not be less than twenty-one days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers.

**LARGE SCHOOL SCHEDULE**

**APPLICABLE RIDERS:**

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

ELECTRIC FUEL COMPONENT	Rider No. 1	Sheet No. 79
PRIMARY METERING DISCOUNT	Rider No. 2	Sheet No. 80
SUPPLY VOLTAGE DISCOUNT	Rider No. 3	Sheet No. 81
OFF PEAK DEMAND FORGIVENESS	Rider No. 7	Sheet No. 85
UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Sheet No. 15	Sheet No. 91
NET ENERGY METERING	Sheet No. 17	Sheet No. 93

**MINIMUM CHARGE:**

The net minimum charge per month shall be the customer charge plus the Kilowatt Demand Billing Charge applied to the Monthly Billing Demand, including all applicable Riders.

**DETERMINATION OF MONTHLY BILLING DEMAND:**

The Monthly Demand thus established shall be the Kilowatt Metered Demand for that month, but not be less than 150 kilowatts.

**APPLICABILITY:**

If it is determined that a facility no longer qualifies for service under this schedule, billing under the tariff will cease upon sixty (60) days prior written notice by the Company to the Customer.

**REACTIVE BILLING DEMAND:**

- a. If the Kilowatt Demand on any Class of Service is less than 65 kW for three-phase installations or 75 kW for single-phase installations, the reactive billing demand shall be zero.
- b. If the Kilowatt Demand is 65 kW or higher for three-phase installations or 75 kW or higher for single-phase installations, the reactive billing demand shall be determined by multiplying the monthly Kilowatt Demand by the ratio of the monthly lagging reactive kilovoltampere hours to the monthly kilowatthours and subtracting 30 from the resultant product.

**SERVICE INTERRUPTION:**

Upon written notice and proof within ten (10) days of any service interruption continuing longer than twenty-four (24) hours, the Company will make a pro rata reduction in the Kilowatt Demand rate.

**LOW LOAD FACTOR SCHEDULE**

Applicable to any Customer having a load exceeding 8.3 kVA connected, where the use of electricity is intermittent or the load is of fluctuating character as in the case of fire pumps, elevators, hoists, bridges, welding machines, X-ray machines and other equipment of similar characteristics and where a larger service connection than would be indicated by 30-minute demand measurements is required. This schedule is not available to Customers eligible for the Partial Service Schedule.

**RATE:**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges, Transmission Charges, Ancillary Service Charges (except as provided below), Generation Transition Charges, Regulatory Transition Charges, and Generation Charges, as shown below. Customers served under this schedule who receive Generation Services from a Certified Supplier will qualify for a Shopping Credit as shown below to reduce the sum of other applicable charges.

**Distribution Charge:**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Kilowatt Demand Billing Charge:		
First 50 kW of Rated Demand	\$8.188	\$7.400
For all excess over 50 kW of Rated Demand	\$7.478	\$6.743

**Transmission Charge:**

First 50 kW of Rated Demand	\$0.340	\$0.307
For all excess over 50 kW of Rated Demand	\$0.310	\$0.280

**Ancillary Services Charges:**

Scheduling, System Control and Dispatch Service		
For all kW, per kW		0.50¢
Reactive Supply Voltage Control from Generation Sources		
For all kW, per kW		0.80¢
Regulation and Frequency Response Service *		
For all kW, per kW		0.50¢
Operating Reserve – Spinning Reserve Service *		
For all kW, per kW		0.80¢
Operating Reserve – Supplemental Reserve Service *		
For all kW, per kW		0.40¢

\* This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

**LOW LOAD FACTOR SCHEDULE**

<b><u>Generation Transition Charge</u></b>	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge:		
First 40,000 kWh per kWh	0.983¢	0.890¢
Next 60,000 kWh per kWh	0.709¢	0.632¢
For all excess kWh, per kWh	0.709¢	0.632¢
<b><u>Regulatory Transition Charge:</u></b>		
Energy Charge:		
First 40,000 kWh per kWh	1.523¢	1.381¢
Next 60,000 kWh per kWh	1.101¢	0.980¢
For all excess kWh, per kWh	1.101¢	0.980¢
<b><u>Generation Charge:</u></b>		
Demand Billing Charge:		
First 50 kW of Rated Demand	\$5.152	\$4.653
For all excess over 50 kW of Rated Demand	\$4.702	\$4.237
Energy Charge:		
First 40,000 kWh per kWh	5.396¢	5.021¢
Next 60,000 kWh per kWh	4.282¢	3.970¢
For all excess kWh, per kWh	5.572¢	5.272¢

**Shopping Credit**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge.

Demand Billing Credit:		
First 50 kW of Rated Demand	\$0.718	\$0.650
For all excess over 50 kW of Rated Demand	\$0.657	\$0.592
Energy Credit:		
First 40,000 kWh per kWh	0.354¢	0.321¢
Next 60,000 kWh per kWh	0.255¢	0.229¢
For all excess kWh, per kWh	0.000¢	0.000¢

The Winter Rates specified above shall be applicable in eight consecutive monthly billing periods beginning with the October bills each year. The Summer Rates shall apply in all other billing periods.

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date for non-residential bills shall not be less than twenty-one days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers.

**LOW LOAD FACTOR SCHEDULE**

**APPLICABLE RIDERS:**

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

ELECTRIC FUEL COMPONENT	Rider No. 1	Sheet No. 79
PRIMARY METERING DISCOUNT	Rider No. 2	Sheet No. 80
UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
NET ENERGY METERING	Rider No. 17	Sheet No. 93

**MINIMUM CHARGE:**

The minimum charge is per kW of Rated Demand.

**Distribution Charge:**

per kW of Rated Demand \$1.577

**Transmission Charge:**

per kW of Rated Demand \$0.065

**Ancillary Services Charges:**

Scheduling, System Control and Dispatch Service For all kW per kW	0.50¢
Reactive Supply Voltage Control from Generation Sources For all kW per kW	0.80¢
Regulation and Frequency Response Service * For all kW per kW	0.50¢
Operating Reserve – Spinning Reserve Service * For all kW per kW	0.80¢
Operating Reserve – Supplemental Reserve Service * For all kW per kW	0.40¢

\* This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

**Generation Transition Charge**

For all kWh per kWh 0.000¢

**Regulatory Transition Charge:**

For all kWh per kWh 0.000¢

**LOW LOAD FACTOR SCHEDULE**

**Generation Charge**

per kW of Rated Demand \$0.968

**Shopping Credit**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge.

per kW of Rated Demand \$0.139

**MAXIMUM CHARGE:**

If a Customer's use in any month is at such low load factor that the sum of the kW demand and kilowatt-hour charges and riders applicable (excluding Rider Nos. 1, 14 and 15) to those charges produces a rate in excess of the following cents per kilowatt-hour, the bill shall be reduced to the following rate per kWh of use in that month plus the Electric Fuel Component - Rider No. 1, Rider No. 14 and Rider No. 15, unless such billing would be lower than the Minimum Charge, in which case the Minimum Charge shall apply.

**Generation Transition Charge** 3.471¢

**Regulatory Transition Charge** 5.382¢

**Generation Charge** 15.539¢

**Shopping Credit**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge.

1.250¢

**SPECIAL RULES:**

1. RATED DEMAND

- a. The kW Rated Demand shall be taken as 60 percent of the rated kVA capacity of all apparatus connected as indicated by nameplate rating or by test at the option of the Company.
- b. Except where the Company has determined the actual load connected for all billing purposes, the Rated Demand shall be that shown on the Customer's application for service and billing shall commence when the Company's service facilities are installed.
- c. If the Rated Demand is less than 5 kW, the service rendered shall be billed under the applicable schedule of the Company.



**LOW LOAD FACTOR SCHEDULE**

2. SEPARATE INSTALLATION

The Customer shall reimburse the Company for the costs incurred based on estimates of costs prepared by the Company, whenever service under this schedule require a different Class of Service or special facility from that currently being provided the Customer.

3. COMBINED BILLING PROHIBITED

In no case shall any meter registrations under this schedule be combined with the meter registrations under any other schedule for billing purposes.

**OPTIONAL ELECTRIC PROCESS HEATING AND ELECTRIC BOILER  
LOAD MANAGEMENT SCHEDULE**

This Rate Sheet is in the process of elimination and is withdrawn except for the present customers receiving service hereunder at premises served as of June 9, 2004.

Available on an optional basis to any Full Service customer for Process Heating or Electric Boiler installations of 20 kW or greater where the Customer's wiring permits separate metering of the Electric Process Heating and/or Electric Boiler and ancillary equipment's load. All other requirements of the Customer will be billed under the rate appropriate for that service. This schedule will not be available to residential applications in single family homes. A Full Service customer is one that receives all retail electric services from the Company.

**MONTHLY RATE:**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges, Transmission Charges, Ancillary Service Charges, Generation Transition Charges, Regulatory Transition Charges, and Generation Charges, as shown below. Customers who receive Generation Services from a Certified Supplier may not be served under this schedule; therefore no Shopping Credit applies to this schedule.

Applicable only to separately metered Electric Process Heating or Electric Boiler Installations

**Distribution Charge:**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge:		
First 140 kWh per kW of Monthly Billing Demand	1.329¢	1.184¢
For all kWh, per kWh	0.433¢	0.433¢

**Transmission Charges:**

First 140 kWh per kW of Monthly Billing Demand	0.143¢	0.127¢
For all excess kWh, per kWh	0.047¢	0.047¢

**Ancillary Services Charges:**

Scheduling, System Control and Dispatch Service		
For all excess kWh, per kWh		0.005¢
Reactive Supply Voltage Control from Generation Sources		
For all excess kWh, per kWh		0.009¢
Regulation and Frequency Response Service		
For all excess kWh, per kWh		0.006¢
Operating Reserve – Spinning Reserve Service		
For all excess kWh, per kWh		0.009¢
Operating Reserve – Supplemental Reserve Service		
For all excess kWh, per kWh		0.004¢

**OPTIONAL ELECTRIC PROCESS HEATING AND ELECTRIC BOILER  
LOAD MANAGEMENT SCHEDULE**

<b><u>Generation Transition Charge</u></b>	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge:		
First 140 kWh per kW of Monthly Billing Demand	2.814¢	2.509¢
For all excess kWh, per kWh	0.917¢	0.917¢
<b><u>Regulatory Transition Charges:</u></b>		
Energy Charge:		
First 140 kWh per kW of Monthly Billing Demand	3.416¢	3.045¢
For all excess kWh, per kWh	1.114¢	1.114¢
<b><u>Generation Charge:</u></b>		
Energy Charge:		
First 140 kWh per kW of Monthly Billing Demand	0.743¢	0.804¢
For all excess kWh, per kWh	1.113¢	1.113¢

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date for non-residential bills shall not be less than twenty-one days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers.

The Winter Rates specified above shall be applicable in eight consecutive monthly billing periods beginning with the October bills each year. The Summer Rates shall apply in all other billing periods.

**APPLICABLE RIDERS:**

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

ELECTRIC FUEL COMPONENT	Rider No. 1	Sheet No. 79
PRIMARY METERING DISCOUNT	Rider No. 2	Sheet No. 80
OFF-PEAK DEMAND FORGIVENESS	Rider No. 7	Sheet No. 85
UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
STATE AND LOCAL TAX RIDER	Rider No. 16	Sheet No. 92
NET ENERGY METERING	Rider No. 17	Sheet No. 93

**BILLING DEMAND:**

The billing demand shall be the separately metered demand actually registered, subject to the provisions of Rider No. 7, if appropriate.

**OPTIONAL ELECTRIC PROCESS HEATING AND ELECTRIC BOILER  
LOAD MANAGEMENT SCHEDULE**

**SPECIAL RULES:**

1. The Customer shall furnish a separate circuit (or equivalent) to which the approved Process Heating and/or Electric Boiler and ancillary equipment shall be permanently connected. Such circuit shall be of a design and construction that no other electrical devices can be connected thereto.
2. All electrical requirements will be supplied at a single point of delivery.
3. Ancillary equipment load will not exceed twenty (20) percent of the total connected kWc load of the equipment served under this schedule.
4. This schedule is applicable for Customers with existing idle facilities (unused for the past six months or longer) or for Customers desiring to add new facilities (purchased or otherwise acquired within the past six months or less).
5. To receive service under this schedule, the Customer must execute a written application agreeing that service hereunder (1) shall be for five years, and for successive periods of two years each, unless written notice of termination is given one year before expiration of the five-year period, or any two-year renewal period; and (2) such service shall be supplied solely by the Company during the initial and renewal periods.

**OUTDOOR NIGHT LIGHTING SCHEDULE**

**APPLICABILITY**

Available to any Customer on the lines of the Company applying for outdoor night lighting service only, for race tracks and athletic fields of all kinds who shall contract for a definite quantity of electrical capacity in kilowatts, subject to the specific conditions set forth herein.

**MONTHLY RATE :**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges and Generation Charges, as shown below. Customers served under this schedule who receive Generation Services from a Certified Supplier will qualify for a Shopping Credit as shown below to reduce the sum of other applicable charges.

**Distribution Charge**

Customer Charge	\$14.30
Energy Charge For all kWh, per kWh	2.749¢

**Transmission Charge**

Energy Charge For all kWh, per kWh	0.309¢
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**Ancillary Services Charge**

Scheduling, System Control and Dispatch Service For all kWh, per kWh	0.018¢
Reactive Supply Voltage Control from Generation Sources For all kWh, per kWh	0.033¢
Regulation and Frequency Response Service * For all kWh, per kWh	0.021¢
Operating Reserve - Spinning Reserve Service * For all kWh, per kWh	0.032¢
Operating Reserve – Supplemental Reserve Service * For all kWh, per kWh	0.016¢

\* This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

**Generation Transition Charge:**

Energy Charge For all kWh, per kWh	0.000¢
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**Regulatory Transition Charge:**

Energy Charge For all kWh, per kWh	0.022¢
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**Generation Charge:**

Energy Charge For all kWh, per kWh	3.477¢
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## OUTDOOR NIGHT LIGHTING SCHEDULE

### Shopping Credit

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge.

Energy Credit:

For all kWh, per kWh 2.836¢

### TERMS OF PAYMENT:

All bills for service shall be payable on or before the due date shown on the bill. The due date for non-residential bills shall not be less than twenty-one days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers.

### MINIMUM:

The minimum bill shall be the monthly customer charge.

### 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 No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
STATE AND LOCAL TAX RIDER	Rider No. 16	Sheet No. 92
STATE KWH TAX SELF-ASSESSOR CREDIT	Rider No. 18	Sheet No. 94

### TERMS AND CONDITIONS:

1. Service under this rate is supplied in accordance with the General Rules and Regulations of The Cleveland Electric Illuminating Company, as found in PUCO No. 13, Electric Service, as may be changed from time to time with approval of the PUCO
2. Service shall be supplied only where sufficient capacity is available without added Company expense and only between the hours of 6:00 p.m. to 6:00 a.m. except that the time restriction shall be waived on Saturdays, Sundays and Holidays. However, if the Customer desires to use the service during hours other than above, a charge of 16.0 cents per kWh applies plus the applicable riders.
3. The Company shall provide service at primary voltages (approximately 4,000 volts or higher) except in small installations where the Company may elect to provide service at secondary voltages.

**OUTDOOR NIGHT LIGHTING SCHEDULE**

**TERMS AND CONDITIONS: (Cont'd)**

4. When in the opinion of the Company it is necessary to provide three-phase service, the Customer shall use extraordinary care in so designing its circuits that the loads on the individual phases shall be practically balanced at all times.
5. The Company shall own, operate and maintain all pole lines and all other equipment on private right-of-way, including transformation. The Customer is responsible for any equipment on the secondary side of the transformer.
6. The term of contract shall be for a period of not less than five years and for successive periods of two years unless written notice of termination is given one year before expiration of the five-year period or any two-year renewal period.

**OUTDOOR LIGHTING SCHEDULE**

Applicable to any Customer for the installation of unmetered outdoor lighting for private property.

**MONTHLY RATES:**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges and Generation Charges, as shown below. Customers served under this schedule who receive Generation Services from a Certified Supplier will qualify for a Shopping Credit as shown below to reduce the sum of other applicable charges.

1. WOOD POLE – OVERHEAD SERVICE

Company Owned Wood Pole Lighting installations served by overhead conductors.

<u>Area Lighting</u>	<u>Cents per kWh per lamp</u>	
	<u>kWh Per Lamp</u>	<u>Distribution Charge</u>
175 watt Mercury	70	13.077¢
400 "	160	9.418¢
*1,000 "	370	6.557¢
100 watt H.P. Sodium	45	30.442¢
150 "	65	24.862¢
250 "	115	14.204¢
400 "	175	11.975¢

\*These rates are not available for new installations

<u>Flood Lighting</u>	<u>Cents per kWh per lamp</u>	
	<u>kWh Per Lamp</u>	<u>Distribution Charge</u>
400 watt Mercury	160	11.624¢
1,000 "	370	7.034¢
250 watt H.P. Sodium	115	16.565¢
400 "	175	12.819¢



**OUTDOOR LIGHTING SCHEDULE**

2. ORNAMENTAL POLES – UNDERGROUND SERVICE

a. Lighting Installations with Ornamental Poles and Standard Roadway Luminaires\*

<u>Area Lighting - Single</u>		
	<u>Cents per kWh per lamp</u>	
	<u>kWh Per Lamp</u>	<u>Distribution Charge</u>
150 watt H.P. Sodium	65	36.328¢
250 "	115	22.002¢
400 "	175	15.307¢

<u>Area Lighting - Twin</u>		
	<u>Cents per kWh per lamp</u>	
	<u>kWh Per Lamp</u>	<u>Distribution Charge</u>
250 watt H.P. Sodium	115	33.273¢

\* Steel Galvanized Pole, unpainted, 8 ft. bracket and Oval Luminaire installed at nominal 30 ft. height.

b. Lighting Installations with Ornamental Poles and Architectural Style Luminaires\*\*

<u>Area Lighting - Single</u>		
	<u>Cents per kWh per lamp</u>	
	<u>kWh Per Lamp</u>	<u>Distribution Charge</u>
150 watt H.P. Sodium	65	35.536¢
250 "	115	21.554¢

<u>Area Lighting - Twin</u>		
	<u>Cents per kWh per lamp</u>	
	<u>kWh Per Lamp</u>	<u>Distribution Charge</u>
150 watt H.P. Sodium	65	53.423¢
250 "	115	32.560¢

**OUTDOOR LIGHTING SCHEDULE**

\*\* Non-Metallic Painted Pole, 1 ft. bracket and Architectural Roadway Luminaires installed at nominal 30 ft. height.

3. ORNAMENTAL POSTS – UNDERGROUND SERVICE

a. Lighting Installations with Colonial Style Post-Top Luminaires\*\*\*

<u>Area Lighting -</u>	<u>Cents per kWh per lamp</u>	
	<u>kWh Per Lamp</u>	<u>Distribution Charge</u>
175 watt Mercury	79	14.730¢
100 watt H.P. Sodium	45	34.043¢

\*\*\* Plain round post, black finish, and Colonial Post-Top Luminaire installed at nominal 15 ft. height.

b. Lighting Installations with Architectural Style Post-Top Luminaires\*

<u>Area Lighting -</u>	<u>Cents per kWh per lamp</u>	
	<u>kWh Per Lamp</u>	<u>Distribution Charge</u>
100 watt H.P. Sodium	45	47.046¢
150 "	65	33.044¢

Plain round post, black finish, and Architectural Post-Top Luminaire installed at nominal 15 ft. height.

For each lamp type listed above, the following charges apply:

**Generation Charge:**

Energy Charge:

For all kWh, per kWh 2.452¢

**Shopping Credit:**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge.

Energy Credit:

For all kWh, per kWh 2.608¢

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**OUTDOOR LIGHTING SCHEDULE**

4. UNDERGROUND FACILITIES\*\*

Direct Buried Cable

Dollars per  
20 Cable Feet  
\$0.49

\*\* Excluding the first 200 ft. trench distance, furnished by the Company, from an existing or planned Company 120 volt distribution facility. The duct shall be owned, maintained and replaced by the Customer.

5. APPLICABLE RIDERS

The Rates and charges specified above shall be modified in accordance with the provisions of the following applicable Riders:

UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
STATE AND LOCAL TAX RIDER	Rider No. 16	Sheet No. 92

**SPECIAL RULES:**

1. FACILITY LOCATIONS

a. Ornamental Poles and Posts shall be located only where there is a year round firm pavement access for Company maintenance vehicles.

2. FACILITIES PROVIDED

- a. For wood pole, overhead wire installations, the Company will furnish, install and maintain the lamps, luminaires, brackets and photoelectric controls on an approved existing pole or where necessary will furnish one new pole. Approval of poles for the installations shall be at the sole discretion of the Company. The Company will furnish one section of secondary wire from an existing Company 120 volt distribution facility for each light served. Installations shall be governed by Company Distribution Construction Standards.
- b. For ornamental pole or post underground cable installations, the Company will furnish, install and maintain the lamps, luminaries, photoelectric controls and pole or post.
- c. For ornamental pole or post installations, the Company will furnish suitable underground cable up to 200 ft. trench distance from an existing or planned Company 120 volt distribution facility. The Company shall determine Cable size. Upon termination of an outdoor lighting contract, the Company reserves the right to disconnect and abandon underground cable in place.

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## **OUTDOOR LIGHTING SCHEDULE**

### **SPECIAL RULES:** (Cont'd)

#### 2. FACILITIES PROVIDED (Cont'd)

- d. Additional facilities, not provided for herein, installed by the Company at the request of the Customer and/or any extensions of the Company's distribution facilities required to serve only the Outdoor Lighting Service requested by the Customer, shall be and remain the property of the Company and shall be paid for by the Customer on the basis of estimates of cost prepared by the Company.
- e. The Company will supply electric service to operate the lamps. Lamps will be operated by photoelectric control, with hours of operation aggregating approximately 4,000 hours per year, from dusk to dawn.
- f. Service and necessary maintenance will be performed only during the regularly scheduled working hours of the Company. Burned out lamps will be replaced upon notification of the outage by the Customer to the Company. No reduction in billing shall be allowed for lamp outages.

#### 3. CUSTOMER'S RESPONSIBILITIES

- a. Trenching, backfilling, cable ducts, restoration of pavement and landscaping shall be the responsibility of the Customer. Ducts are required under pavements.
- b. The Customer shall assume all risks of loss or damage to his equipment and property installed in connection with the lighting system. The Company, without requesting authorization at the time, may correct any hazardous condition affecting the safety of the public of which it has notice, and the Consumer shall pay any expense incurred by the Company for repairs to equipment owned by the Customer.
- c. To receive service under this schedule, the Customer must execute a written application agreeing that service hereunder (1) shall be for five years, and for successive periods of two years each, unless written notice of termination is given one year before expiration of the five-year period, or any two-year renewal period; and (2) such service shall be supplied solely by the Company during the initial and renewal periods.

### **TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date for non-residential bills shall not be less than twenty-one days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers.

**STREET LIGHTING SCHEDULE**

Applicable to any municipality or governmental authority for the lighting of its streets, roadways, avenues, alleys, sidewalks, parks and other public grounds where the lighting equipment, in the opinion of the Company, can be maintained using Company vehicles.

**MONTHLY RATES:**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges and Generation Charges, as shown below. Customers served under this schedule who receive Generation Services from a Certified Supplier will qualify for a Shopping Credit as shown below to reduce the sum of other applicable charges.

1. GROSS RATE

a. Company-Owned, Overhead-Fed Wood Pole Lighting Installations

<u>Nominal Lumens</u>	<u>Lamp Watts</u>	<u>kWh Per Lamp</u>	<u>Distribution Charges</u> <u>¢/kWhr per Lamp</u>
<b>Mercury Vapor</b>			
8,600	175	79	10.504¢
12,100	250	111	8.895¢
22,500	400	174	7.344¢
*63,000	1,000	417	6.325¢
<b>High Pressure Sodium</b>			
9,500	100	45	25.657¢
16,000	150	65	18.913¢
27,500	250	116	12.769¢
50,000	400	183	9.303¢
<b>Incandescent*</b>			
2,500		79	11.390¢
4,000		120	9.598¢
6,500		164	8.518¢
10,000		254	6.717¢

\*These rates are not available for new installations

**STREET LIGHTING SCHEDULE**

**MONTHLY RATES:** (Cont'd)

1. GROSS RATE (Cont'd)

b. Lighting Installations with Standard Ornamental Poles and Luminaires\*

Nominal <u>Lumens</u>	Lamp <u>Watts</u>	kWh <u>Per Lamp</u>	<u>Distribution Charges</u> ¢/kWhr per Lamp for Various Plans					
			<u>I</u>	<u>II</u>	<u>III</u>	<u>IV</u>	<u>V</u>	<u>VI</u>
<b>Mercury Vapor</b>								
8,600	175	79	8.137¢	24.998¢	4.099¢	--	10.314¢	27.225¢
12,100	250	111	7.228¢	19.192¢	3.840¢	4.985¢	--	20.795¢
22,500	400	174	6.212¢	14.097¢	3.729¢	4.424¢	7.235¢	15.126¢
42,000	700	295	--	--	3.997¢	4.824¢	--	--
*** 63,000	1,000	417	--	9.555¢	3.920¢	--	6.325¢	10.049¢
<b>High-Pressure Sodium</b>								
5,800	70	31	--	--	5.390¢	--	--	--
9,500	100	45	21.234¢	49.234¢	4.746¢	12.857¢	24.634¢	55.034¢
16,000	150	65	16.036¢	36.513¢	4.252¢	10.128¢	18.698¢	39.344¢
**** 16,000	150	146	--	--	5.034¢	--	--	--
22,000	200	95	--	--	3.937¢	--	--	--
27,500	250	116	11.157¢	22.614¢	3.830¢	7.157¢	12.657¢	24.106¢
37,000	310	144	--	--	3.703¢	--	--	--
50,000	400	183	8.308¢	14.997¢	3.592¢	4.789¢	8.882¢	16.548¢
140,000	1,000	418	--	--	3.407¢	--	--	--
<b>Incandescent**</b>								
2,500		79	--	--	--	--	--	--
4,000		120	7.982¢	--	--	--	--	--
6,000		164	7.341¢	--	4.768¢	--	--	--
10,000		254	6.473¢	--	--	--	--	--
330		121	--	--	4.373¢	--	--	--

NA = Not Available.

\* Steel Galvanized Pole, unpainted, single bracket up to 12 ft. in length and Oval Luminaire installed at nominal 30 ft. height.

\*\* These rates are not available for new installations.

\*\*\* These rates are not available for new installations except the rate under Plan III.

\*\*\*\* Fixture operating in a continuous-burn mode.

**STREET LIGHTING SCHEDULE**

**MONTHLY RATES:** (Cont'd)

1. GROSS RATE (Cont'd)

c. Special Plan VI Installations

Nominal <u>Lumens</u>	Lamp <u>Watts</u>	kWh <u>Per Lamp</u>	Standard <u>Post*</u>	<u>Distribution Charges</u> ¢/kWhr per Lamp or Installation	
				30 ft. Concrete <u>Pole**</u>	Steel Pole 2 Brackets and 2 Lamps
Mercury Vapor					
8,600	175	79	16.681¢	--	--
22,500	400	174	--	15.212¢	--
22,500	400	348	--	--	10.585¢
High-Pressure Sodium					
9,500	100	45	36.946¢	--	--
27,500	250	232	--	--	18.110¢

d. Underpass Lighting Installations

Nominal <u>Lumens</u>	Lamp <u>Watts</u>	<u>kWh per Lamp</u>		<u>¢/kWhr Per Lamp (Plan VII)</u>	
		<u>Controlled</u>	<u>Continuous</u>	<u>Controlled</u>	<u>Continuous</u>
Mercury Vapor					
8,600	175	79	158	4.074¢	2.232¢
12,100	250	111	222	3.849¢	2.120¢
High-Pressure Sodium					
9,500	100	45	90	4.746¢	2.568¢

NA = Not Available.

\* Plain Round Post and Standard Luminaire installed at nominal height of 15 ft. to 20 ft.

\*\* These rates not available for new installations.

**STREET LIGHTING SCHEDULE**

**MONTHLY RATES:** (Cont'd)

1. GROSS RATE (Cont'd)

e. Special Underground Installations

		<u>Distribution Charges</u>	
<u>Lumens</u>	<u>Lamp Watts</u>	<u>kWh Per Lamp</u>	<u>¢/kWhr per Lamp Special Plan</u>
Incandescent**			
2,500	215	79	8.631¢

NA = Not Available.

\* Plain Round Post and Standard Luminaire installed at nominal height of 15 ft. to 20 ft.

\*\* These rates not available for new installations.

f. Special Architectural Installations

			<u>Distribution Charges</u>	
<u>Nominal Lumens</u>	<u>Lamp Watts</u>	<u>kWh Per Lamp</u>	<u>Pole with Single Luminaire ¢/kWhr Per Lamp Plan VI*</u>	<u>Pole with Twin Luminaire ¢/kWhr Per Lamp Plan VI</u>
9,500	100	45	54.079¢	80.612¢
16,000	150	65	38.513¢	57.282¢
27,500	250	116	23.640¢	35.088¢
50,000	400	183	16.193¢	23.947¢
<u>Nominal Lumens</u>	<u>Lamp Watts</u>	<u>kWh Per Lamp</u>	<u>Luminaire Only ¢/kWhr Per Lamp Plan V</u>	<u>Pole or Support Bracket with Luminaire ¢/kWhr Per Lamp Plan VI*</u>
9,500	100	45	41.079¢	50.590¢
16,000	150	65	29.313¢	35.898¢

\* Galvanized, unpainted steel pole with up to a 2 ft. length bracket or painted non-metallic pole with up to an 8 ft. length bracket and architectural roadway luminaire installed at nominal 30 ft. height.

\*\* Plain round post and architectural post-top luminaire installed at nominal 15 ft. to 20 ft. height or ornamental side mounting bracket and architectural post-top luminaire installed on a pole at nominal 15 ft. height.

\*\*\* The duct shall be owned, maintained and replaced by the municipality.



**STREET LIGHTING SCHEDULE**

**MONTHLY RATES:** (Cont'd)

- 1. GROSS RATE (Cont'd)
  - g. Underground Facilities\*\*\*  
 Dollars Per 20 Cable Feet

	<u>Distribution Charges</u>		
	<u>Plan A</u>	<u>Plan B</u>	<u>Plan C</u>
Direct Buried Cable	--	\$0.03	\$0.49
Cable Wire (only) in Duct	--	\$0.01	\$0.17

- \* Galvanized, unpainted steel pole with up to a 2 ft. length bracket or painted non-metallic pole with up to an 8 ft. length bracket and architectural roadway luminaire installed at nominal 30 ft. height.
- \*\* Plain round post and architectural post-top luminaire installed at nominal 15 ft. to 20 ft. height or ornamental side mounting bracket and architectural post-top luminaire installed on a pole at nominal 15 ft. height.
- \*\*\* The duct shall be owned, maintained and replaced by the municipality.

For each lamp type listed above, the following charges apply:

**Generation Charge:**

Energy Charge:  
 For all kWh, per kWh 1.002¢

**Shopping Credit:**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge.

Energy Credit:  
 For all kWh, per kWh 0.995 ¢

2. APPLICABLE RIDERS

The Rates and charges specified above shall be modified in accordance with the provisions of the following applicable Riders:

UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91

The kWh to which the applicable riders are applied shall be the total of the average monthly kilowatthours as shown in Section 1 for each lamp.

**STREET LIGHTING SCHEDULE**

3. PROMPT PAYMENT DISCOUNT

The monthly billing for lamps in service shall be subject to a discount of 2% of the gross amount so billed for services provided by the Company, if the net amount is paid in full within 60 days from the billing date.

If there is an unpaid balance 90 days following the billing date, interest shall accrue at the rate of one percent (1%) per month on the outstanding balance (from the 60th day after the billing date).

4. RESPONSIBILITIES FOR OWNERSHIP, MAINTENANCE AND REPLACEMENT

<u>Components</u>	<u>Type of Supply</u>							
	<u>Overhead</u>			<u>Overhead or Underground</u>				
	<u>Wood Pole*</u>	<u>Plan I*</u>	<u>Plan II*</u>	<u>Plan III</u>	<u>Plan IV*</u>	<u>Underground</u>		
					<u>Plan V*</u>	<u>Plan VI*</u>		
Controlled Energy	CCC	CCC	CCC	CCC	CCC	CCC	CCC	
Lamp and Glassware	CCC	CCC	CCC	MMM	MCC	CCC	CCC	
Luminaire and Ballast	CCC	CCC	CCC	MMM	MCC	CCC	CCC	
Pole and Bracket (a)	CCC	MMM	CCC	MMM	MMM	MMM	CCC	
Pole Foundation	CCC	MMM	CCC	MMM	MMM	MMM	CCC	
Pole Wire	CCC	MMM	CCC	MMM	MMM	MCC	CCC	
Overhead Wire	CCC	CCC	CCC	MMM	MMM	NA	NA	

\*Nonfreeway Installations

(a) Poles will be located approximately 3 feet from the berm and provide luminaire mounting heights of up to 40 feet. Standard steel poles are nominally 25, 30 and 32 feet long and have one 8 or 12 foot bracket. Steel poles maintained by the Company will be painted once every five years; the Company will specify the color of paint used.

CCC Component Owned, Maintained and Replaced by Company.

MCC Component Owned by Municipality (Customer), but Maintained and Replaced by Company. Municipality (Customer) must permit the Company to take legal action to recover abnormal maintenance costs caused by accidents or vandalism; and its equipment must meet the Company's minimum installation, equipment and/or operating specifications and standards.

MMM Component Owned, Maintained and Replaced by Municipality (Customer).

NA Not Applicable.

<u>Components</u>	<u>Underpass Lighting</u>	
	<u>Plan VII</u>	<u>Special Plan</u>
Controlled Energy	CCC	CCC
Lamp and Glassware	MMM	CCC
Luminaire and Ballast	MMM	CCC
All Other Components	MMM	MMM

**STREET LIGHTING SCHEDULE**

<u>Components</u>	<u>Underground Facilities Plan (b)</u>		
	<u>A</u>	<u>B</u>	<u>C</u>
Direct Buried Cable	MMM	MCC	CCC
Cable Wire (only) in Duct	MMM	MCC	CCC
Ducts (only)	MMM	MMM	MMM

(b) Dirt digging only; Company shall charge for sod replacement, concrete work or boring.

CCC Component Owned, Maintained and Replaced by Company.

MCC Component Owned by Municipality (Customer), but Maintained and Replaced by Company. Municipality (Customer) must permit the Company to take legal action to recover abnormal maintenance costs caused by accidents or vandalism; and its equipment must meet the Company's minimum installation, equipment and/or operating specifications and standards.

MMM Component Owned, Maintained and Replaced by Municipality (Customer).

**OUTAGE ADJUSTMENT:**

If the annual reported lamp outage hours which have occurred as a result of faulty or defective equipment maintained by the Company exceed 2% of the total annual lamp hours to be provided, and if the Customer so requests, the annual billing for services provided by the Company, will be reduced by ratio of the excess lamp outage hours divided by the annual lamp hours to be provided. No outage adjustment shall be required for outages which the Company is not responsible to correct.

**SPECIAL RULES:**

**1. COMPANY RESPONSIBILITIES**

- a. In locating where facilities can be served using normal Company practices and equipment, the Company will install, maintain and replace the various components of the street lighting systems in accordance with the standard responsibility plans selected by the Customer. The Municipal Street Lighting Listing on file at the Company's business offices identifies the applicable responsibility plan and type of construction for each existing lamp. Ordinary maintenance and lamp replacement will be performed during normal weekday working hours.
- b. For Company owned wood pole installations, the Company will install the lighting equipment and bracket on an approved existing pole or, where necessary, will furnish one pole for mounting the lighting equipment and one section of secondary wire.
- c. Additional facilities, not provided for herein, installed by the Company at the request of the Customer, shall be and remain the property of the Company and shall be paid for by the Customer on the basis of estimates of cost prepared by the Company. Extensions of existing Distribution facilities which are required only to serve a street lighting system shall be paid for by the Customer.

**STREET LIGHTING SCHEDULE**

1. COMPANY RESPONSIBILITIES (Cont'd)

- d. Lamps will be operated by photoelectric control or by time clocks, with hours of operation from dusk to dawn.
- e. Service and necessary maintenance will be performed only during the regular working hours of the Company. Burned out lamps will be replaced upon notification of the outage to the Company.

2. CUSTOMER RESPONSIBILITIES

- a. The Customer will furnish, install and maintain the various components of the street lighting systems in accordance with the standard responsibility plans selected by the Customer.
- b. The Customer shall reimburse the Company for any work performed by the Company which normally is part of the Customer's responsibilities.

3. CHANGES IN NUMBER, SIZE, TYPE, PLAN OR LOCATION

- a. All such requests shall be made in writing by the Customer's authorized representative.
- b. For street lighting Plans involving Company maintenance and replacement, the Company shall not be required to assume such obligations where any part of the Customer's system does not meet the Company's minimum installation, equipment and/or operating specifications and standards.
- c. Customer requests for the following work shall be subject to one-time nonrefundable charges:

**STREET LIGHTING SCHEDULE**

**SPECIAL RULES:** (Cont'd)

3. CHANGES IN NUMBER, SIZE, TYPE, PLAN OR LOCATION (Cont'd)

<u>Type of Service</u>	<u>Charge</u>
(1) For replacement of an existing lamp with one of a comparable or smaller size at the same location	\$35 per lamp
(2) For installing a shield on a luminaire	\$40 per luminaire
(3) For removal and relocation of pole, lamp, luminaire and bracket	\$240 per pole
(4) For removal and relocation of lamp, luminaire and bracket	\$118 per lamp, luminaire and bracket bracket
(5) For removal of an existing	Unamortized installed lamp, luminaire and bracket cost and removal cost less salvage
(6) For disconnecting lamps for periods of less than one (1) year**	\$7.00 per disconnecting point, and \$7.00 per reconnecting point, plus credit* in base rates of .75 cents/ rated watts for each lamp disconnected

\* Credits for lamps disconnected for less than one month shall be prorated based on the number of days that the lamp was disconnected.

\*\* After one year from the notice of disconnection, the lamps will be reconnected and billed at the appropriate charge or removed and billed in accordance with (5) above.

**STREET LIGHTING SCHEDULE**

**SPECIAL RULES:** (Cont'd)

3. CHANGES IN NUMBER, SIZE, TYPE, PLAN OR LOCATION (Cont'd)

- d. Customer requests for replacement of mercury vapor lighting systems with high-pressure sodium or other lighting systems will be subject to charges resulting from the unamortized installed cost and removal cost less the salvage value of the mercury vapor lighting system equipment.
- e. Billing for new lamps installed shall be rendered beginning with the first full calendar month after installation. Lamps permanently disconnected or removed shall be billed for the full calendar month.

4. FORCE MAJEURE

In addition to the provisions contained in Section IV of the Company's Standard Rules and Regulations, the Company shall not be required to furnish lighting service, or otherwise perform as contemplated under this Schedule, if prevented from so doing at any time by state, federal or local governmental authorities, or other public authority, or by acts of violence, strikes, invasions, acts of public enemy, acts of God or other causes beyond the control of the Company.

5. TERMINATION FOR NONPAYMENT

If the Customer fails to pay for street lighting service within ninety days after the billing date, the Company may discontinue all or a part of the Customer's street lighting service until all monies due to the Company have been paid.

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**TRAFFIC CONTROL LIGHTING SCHEDULE**

Applicable to any municipality, governmental authority, school district or other Customer, upon application and acceptance by the Company, for the sole purpose of providing electric service to traffic control devices and/or other special devices used for traffic control or public safety located on public or private property.

**MONTHLY RATES:**

1. GROSS RATE

**Distribution Charge**

For each service connection per month	55.189¢
Plus	
Energy Charge	
For each watt of billing demand per month	0.102¢

**Transmission Charge**

Energy Charge	
For each watt of billing demand per month	0.124¢

**Ancillary Services Charge**

Scheduling, System Control and Dispatch Service	
For all kWh, per kWh	0.007¢
Reactive Supply Voltage Control from Generation Sources	
For all kWh, per kWh	0.013¢
Regulation and Frequency Response Service *	
For all kWh, per kWh	0.009¢
Operating Reserve – Spinning Reserve Service *	
For all kWh, per kWh	0.013¢
Operating Reserve – Supplemental Reserve Service *	
For each watt of billing demand per month	0.006¢

\* This service may be supplied by the Company or may be competitively supplied. This charge will not apply if the customer has demonstrated to the Company's satisfaction that the service is supplied by a Certified Supplier.

**Generation Transition Charge:**

Energy Charge	
For each watt of billing demand per month	1.780¢

**Regulatory Transition Charge :**

Energy Charge	
For each watt of billing demand per month	2.763¢

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**TRAFFIC CONTROL LIGHTING SCHEDULE**

**Generation Charge:**

Energy Charge:

For each watt of billing demand per month (2.350)¢

**Shopping Credit**

The Shopping Credit values are subject to periodic review and will be determined by the provisions of the Stipulation and Recommendation approved by the Commission in Case No. 99-1212-EL-ETP. This credit applies only to customers who receive Generation services from a Certified Supplier. As also approved by the Commission in Case No. 03-1461-EL-UNC, in no event shall the Shopping Credit values exceed the full unbundled generation rate, which is defined in the Commission's Entry in Case No. 03-1461-EL-UNC as the sum of the current generation rate, plus the generation transition charge, plus the regulatory transition charge.

Energy Credit:

For each watt of billing demand per month 2.656¢

2. **APPLICABLE RIDERS**

The Rates and charges specified above shall be modified in accordance with the provisions of the following applicable Riders:

UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
STATE AND LOCAL TAX RIDER	Rider No. 16	Sheet No. 92

3. **PROMPT PAYMENT DISCOUNT**

The monthly billing for devices in service shall be subject to a discount of 2% of the gross amount billed, if the net amount is paid in full within 60 days from the billing date.

If there is an unpaid balance 90 days following the billing date, interest shall accrue at the rate of one percent (1%) per month on the outstanding balance (from the 60th day after the billing date).

**SPECIAL RULES:**

1. A service connection shall be defined as that point at which the devices of the Customer connect to the facilities of the Company.
2. Billing Demand shall be the sum of:
  - a. Rated wattage for all devices operating 365 hours or more per month, which is considered full-time use, plus
  - b. 0.7 times the rated wattage for all devices operating less than 365 hours per month or on a flashing basis, which is considered half-time use.



**TRAFFIC CONTROL LIGHTING SCHEDULE**

**SPECIAL RULES:** (Cont'd)

3. Rated wattage for traffic control devices shall be one-half the sum of the red (stop) and green (go) bulb wattages.
4. Rated wattage for all other special devices shall be the maximum load during the operating period as determined by the Company.
5. Warning sirens up to 400 watts and call box lights shall be billed as traffic control devices.
6. Billing of new devices installed and/or changes in rated wattage of existing devices shall be rendered beginning with the first full calendar month after installation. Devices disconnected shall be billed for the full calendar month in which the disconnection is made.
7. The billing kilowatthours for calculating the Shopping Credit on a cents per kWh basis, shall be the sum of
  - a. 0.730 times the billing demand for all full-time use devices (see Special Rule 2a), plus
  - b. 0.365 times the billing demand for all half-time use devices (see Special Rule 2b).
8. In addition to the provisions contained in Section 7 of the Company's General Rules and Regulations, the Company shall not be required to furnish service, or otherwise perform as contemplated under this Schedule, if prevented from so doing at any time by state, federal or local governmental authorities, or other public authority, or by acts of violence, strikes, invasions, acts of public enemy, acts of God or other causes beyond the control of the Company.
9. If the Customer fails to pay for service within ninety days after the billing date, the Company may discontinue all or a part of the Customer's service under this Schedule until all monies due to the Company have been paid

**EMERGENCY SCHEDULE**

Applicable to emergency breakdown or reserve service to another source of supply. This schedule is available only for Full Service customers receiving service under these provisions as of February 1, 1989. A Full Service customer is one that receives all retail electric services from the Company.

**MONTHLY RATE:**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges, Transmission Charges, Ancillary Service Charges, Generation Transition Charges, Regulatory Transition Charges and Generation Charges as shown below. Customers who receive Generation Services from a Certified Supplier may not be served under this schedule: therefore no Shopping Credit applies to this schedule.

**Distribution Charge:**

For each kWh (3.830)¢

**Transmission Charges:**

For each kWh 1.088¢

**Ancillary Services Charges:**

Scheduling, System Control and Dispatch Service	
For all kWh, per kWh	0.065¢
Reactive Supply Voltage Control from Generation Sources	
For all kWh, per kWh	0.117¢
Regulation and Frequency Response Service	
For all kWh, per kWh	0.075¢
Operating Reserve – Spinning Reserve Service	
For all kWh, per kWh	0.113¢
Operating Reserve – Supplemental Reserve Service	
For all kWh, per kWh	0.057¢

**Generation Transition Charge**

For each kWh 1.908¢

**Regulatory Transition Charges:**

For each kWh 2.959¢

**Generation Charge:**

For each kWh 5.050¢

**EMERGENCY SCHEDULE**

**MONTHLY MINIMUM CHARGE:**

	<u>Dollars per kW</u>
For each kW of Contract Demand	\$6.50

(Within this Minimum Charge, electric current may be consumed during any period of the month at the 6.70 cents rate without additional cost.)

**APPLICABLE RIDERS:**

The Rates and charges specified above shall be modified in accordance with the provisions of the following applicable Riders:

UNIVERSAL SERVICE CHARGE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91

**SPECIAL RULES:**

1. CONTRACT DEMAND

- a. The Kilowatt Demand shall not at any time exceed the demand contracted for by the Consumer.
- b. The Consumer shall furnish and install at his own expense an automatic circuit interrupting device of such make and kind as approved by the Company, which shall be under the control of the Company and shall be adjusted to open the circuit when load exceeds the Kilowatt Demand contracted for.

2. CONTRACT TERM

The term of service shall be one year from connection of service and shall continue for yearly periods thereafter, unless terminated by written notice not less than ten days prior to the expiration of any period.

3. SERVICE FACILITIES

The Consumer shall pay, without refund, for the service connection and all installation expenses from the lines of the Company to his point of connection and for any increase in the lines of the Company made necessary to serve his demand.

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date for non-residential bills shall not be less than twenty-one days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers.

**PARTIAL SERVICE SCHEDULE**

Applicable to any Customer with non-synchronous or synchronous, which does not qualify for The Net Energy 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.

**MONTHLY RATES:**

1. CAPACITY RESERVATION CHARGE

Per kW of Capacity Reservation  
 per Billing Period  
 per Voltage Classification

	Transmission 132 kV and Above	Subtransmission 33 kV and 11 kV	Distribution 4 kV and 13.2 kV
<u>Transmission &amp; Distribution Charge</u>	:All kW, per kW \$1.58	All kW, per kW \$2.51	All kW, per kW \$3.42
<u>Generation Charge</u> :	All kW, per kW \$1.80	All kW, per kW \$1.83	All kW, per kW \$1.89

2. 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 appropriate applicable Rate Schedule 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 SCHEDULE**

Method A

The Demand Charge found in the appropriate, applicable Rate Schedule 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>
132 kV and Above	33 kV and 11 kV	4 kV and 13.2 kV
\$ 0.82	\$ 0.87	\$ 0.92
per kW per day	per kW per day	per kW per day

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

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

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.

When the customer has a meter which has the capability of measuring on and off peak kW demands, the kW demand applied to the Method B Backup Demand charge shall be the highest on-peak kW demand recorded during the billing period or the sum of the highest on-peak kW demand plus 25 percent of the difference between the highest off-peak and the highest on-peak kW demand recorded during the billing period, whichever is greater. The resultant kW demand will be applied on a daily basis.

c. Maintenance Demand

Fifty percent of the demand charge found in the appropriate applicable Rate Schedule shall be used and prorated based on the number of days that Maintenance power was used during the billing period.

**PARTIAL SERVICE SCHEDULE**

3. 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 Rate Schedule.

The Energy Charge for Back-Up Power (Method B) shall be 0.49¢ per kWh, which is transition cost recovery split between RTC and GTC in proportion to RTC and GTC charges in the applicable Rate Schedule.

4. REACTIVE DEMAND CHARGE

For each rkva of reactive billing demand \$ .20

5. EMERGENCY POWER

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

Demand Charge per kW per  
billing period \$ 29.90

Energy Charge per kWh per  
billing period \$ 0.147

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 GTC charges from the appropriate applicable Rate Schedule and generation charges. Rider No. 7 shall not apply to the Emergency power charge.

**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 Rate Schedule.

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 billing period 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 Rate Schedules.

## **PARTIAL SERVICE SCHEDULE**

### **RIDERS:**

Except as otherwise noted, the Rates and charges specified above shall be modified in accordance with the otherwise Applicable Tariff Riders, except for the Net Energy Metering Rider, in effect plus a fuel charge of 1.3605¢ per kWh. The fuel charge is transition cost recovery split between RTC and GTC in proportion to RTC and GTC charges in the applicable Rate Schedule.

If the total applicable RTC and GTC charges under Method B were to be less than 1.8505¢ per kWh (the sum of the energy charge for Backup Power plus the fuel charge), the excess would be generation charges.

### **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 (30) 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 re-established 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 re-established 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 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.

## **PARTIAL SERVICE SCHEDULE**

### **CONTRACT PROVISIONS:**

The contract period is defined as a one-year period and service under this schedule shall be for a one-year term and selfrenewing 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.

### **MAINTENANCE POWER SCHEDULE:**

Maintenance power shall be supplied under the applicable Rate Schedule, 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 (28) 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 (60) days prior to the initial one-year contract period, and at least 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 schedule 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 cancelled by the Company within two days of such dates with reason. Scheduled maintenance outage(s) cancelled by the Company shall be rescheduled subject to the mutual agreement of the Customer and the Company.



## **PARTIAL SERVICE SCHEDULE**

### **TERMS AND CONDITIONS:**

1. A Time-of-Day demand meter and a watthour 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 watthour 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.
2. 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 Rate Schedule in effect at the time of service. The level of firm power requested by the Customer shall determine the appropriate, applicable Rate Schedule.
3. 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 Rate Schedule in effect at the time of providing service. The level of Capacity Reservation power requested by the Customer shall determine the appropriate, Applicable Rate Schedule. At no time shall the level of Back-Up power be used to establish demand levels for Supplemental power.
4. Maintenance power shall be supplied to a Partial Service Customer under the appropriate, applicable Rate Schedule 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.
5. 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.

## **PARTIAL SERVICE SCHEDULE**

### **GENERAL RULES:(Cont'd)**

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 may require proof of adequate insurance or bond.

### **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 shall 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 its 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. Any metering costs associated with the Partial Service operation will be borne by the Customer.

## **PARTIAL SERVICE SCHEDULE**

### **SPECIAL RULES: (Cont'd)**

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 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 (4) hours after re-establishment of Company service.

### **DEFINITIONS:**

"Qualifying Facility" (QF) means a cogeneration facility or a small power production facility which is a Qualifying Facility under Subpart 5 of FERC 18 Code of Federal Regulations Part 292.

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

"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 Schedule 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.

**PARTIAL SERVICE SCHEDULE**

**DEFINITIONS: (Cont'd)**

"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 Schedule 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 Schedule 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.

"Rate Schedule" means the firm power rate schedules contained in the Company's tariffs.

**FLAT RATE SCHEDULE**

Available on an optional basis to any Customer having a continuous load of constant wattage such that the monthly use may be calculated accurately, who elects to be served without a meter.

**MONTHLY KILOWATTHOUR USE:**

The monthly kWh shall be taken as 730 times the connected load in kilowatts. However, for billing purposes, the kilowatts in each and every month shall be not less than .040 kilowatts.

**BILLING:**

Bills will be rendered under the applicable schedule of the Company.

**SPECIAL RULES:**

1. The Consumer shall make written application to the Company for the kilowatts to be served and for any change in the kilowatts served.
2. A single monthly bill will be rendered for all such installations of a single Consumer.

**COGENERATORS AND SMALL POWER PRODUCTION FACILITIES**

This schedule is applicable to the purchase of power from cogeneration and small power production facilities which are eligible to qualify under Section 210 of the Public Utilities Regulatory Policies Act of 1978, having design capacity of 100 kilowatts or less.

All other electric service which cogenerators or small power producers may require from the Company, such as supplementary, back-up, interruptible or maintenance power shall be furnished under the Company's filed rate schedules in effect for such service.

**MONTHLY RATES:**

**For Purchases of Energy from QF's**

1. Provided a Time-of-Day watt-hour meter is used to measure the energy supplied from a Qualifying Facility to the Company, the Company shall purchase the energy supplied on Monday through Friday at the following rates per kWh:

<u>Eastern Standard Time</u>	<u>Summer</u> <u>Cents per kWh</u>	<u>Winter</u>	<u>Daylight Savings Time</u>
8 a.m. to 8 p.m.	1.6	1.7	9 a.m. to 9 p.m.
8 p.m. to 8 a.m.	1.2	1.4	9 p.m. to 9 a.m.

Energy supplied on Saturday and Sunday from a Qualifying Facility shall be purchased by the Company at a rate of 1.4 cents per kWh in the summer and 1.2 cents per kWh in the winter.

2. Provided a standard wathour meter is used to measure the energy supplied from a Qualifying Facility to the Company, the Company shall purchase the energy supplied at a rate of 1.35 cents per kWh in the summer and 1.51 cents per kWh in the winter.
3. The Winter Rates specified above shall be applicable in eight consecutive monthly billing periods beginning with the October bills each year. The Summer Rates shall apply in all other billing periods.

**COGENERATORS AND SMALL POWER PRODUCTION FACILITIES**

For Sales of Energy from the Company

4. The Company will provide Transmission and Ancillary Services to a Qualifying Facility under its FERC Open Access Transmission Tariff.
5. The following additional monthly charges shall apply to cover the cost of special metering facilities for measuring the amount of energy supplied from a Qualifying Facility to the Company as follows:

	<u>Single Phase</u>	<u>Polyphase</u>
Time-of-Day Meter		
For Service of 30 kW or Less	\$14.05	\$19.35
For Service Greater Than 30 kW	26.67	29.99
Standard Watthour Meter		
For Service of 30 kW or Less	\$ 8.67	\$14.05
For Service Greater Than 30 kW	21.38	24.70

These costs reflect metering at 240 volts or less. Charges for metering at higher voltages shall be based upon actual costs.

**GENERAL RULES:**

1. All Qualifying Facility installations shall comply with applicable national, state and local codes, standards and regulations.
2. All Qualifying Facilities shall comply with Company Rules and Regulations listed in this schedule, as well as the Company's Standard Rules and Regulations on file with the Commission. Furthermore, installations shall be made accessible to authorized Company personnel at the time of installation as well as  
  
for periodic inspections thereafter. The Company reserves the right to refuse or to terminate service under this tariff to a Qualifying Facility if the Company finds that the alternate energy device will not be installed or is not operating in compliance with these rules.
3. The Qualifying Facility agrees to be liable for any damage to the Company's facilities resulting from the operation of the generating equipment. The Qualifying Facility 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, failure or malfunction of the Customer's generator and equipment associated with the connection of the said generator to the Company's system.

## **COGENERATORS AND SMALL POWER PRODUCTION FACILITIES**

### **SPECIAL RULES:**

1. The Qualifying Facility's generating system must produce a 60 hertz sine wave output, with distortion at a level which will not interfere with Company service and which is within applicable industry standards, at a voltage compatible with the Company's service voltage at the Qualifying Facility's service location.
2. The maximum capacity of a Qualifying Facility shall be limited to 100 kW.
3. The Qualifying Facility 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 disconnecting 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.
4. The Qualifying Facility 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.
5. A standard meter, equipped with a detent to prevent reverse rotation, shall be used to measure the energy being supplied by the Company to the Qualifying Facility. A standard watt-hour meter or time-of-day watt-hour meter, also equipped with a detent, will measure the energy flow from the Qualifying Facility to the Company's system. The measurements obtained from these meters will form the basis for the rates provided for above.
6. The Qualifying Facility shall pay the costs of connection, switching, 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 a Qualifying Facility, to the extent such costs are in excess of the corresponding costs which the Company would have incurred if it had not engaged in interconnected operations.
7. The Qualifying Facility shall perform and bear all costs associated with maintenance work which would be required for its equipment.
8. Prior to making any changes or modification to its equipment or operation, the Qualifying Facility shall notify the Company in writing.
9. At the time that a Qualifying Facility permanently ceases operation, all equipment associated with the operation of the facility, particularly that involved in the connection with the Company's system, shall be promptly removed. All costs incurred with removal shall be borne by the Qualifying Facility.
10. The Qualifying Facility shall make application to the Company for service under this tariff.



## **EXPERIMENTAL DAY AHEAD REAL TIME PRICING PROGRAM**

### **Availability:**

Available to Full Service customers served under the Large General Service, Medium General Service and Small General Service Schedules, including special contracts. Additional types of customers may be added upon mutual agreement of the parties and notice to the Public Utilities Commission of Ohio. The number of customers permitted on this experimental rate will be limited to no more than a total of twenty-five (25) firm power service and interruptible service customers whose billing maximum 30-minute demands exceed 30 kW. These customers will be selected by the Company and will be limited to 250 MW of demand. This experimental rate is available to customers served through one meter for each installation. Service under the RTP Program will be offered on an experimental basis through December 31, 2005, unless earlier terminated by the Company. Customers must enter into the written service agreement. A Full Service customer is one that receives all retail electric services from the Company.

### **Program Description:**

The RTP program is an experimental program whose purpose is to test customer response to hourly price signals based on the Company's quoted price to supply electricity. The RTP Program is scheduled to be offered through December 31, 2005, unless earlier terminated by the Company, and is a voluntary program. 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. Binding quotes will be sent to each customer on a prior business day basis (Hourly RTP). The program is designed to be bill neutral to each customer whose actual usage and usage pattern equals their historical usage through the use of a customer-specific Customer Baseline Load (CBL).

### **Customer Baseline Load:**

For existing customers enrolling in the RTP program, the CBL shall be based on historic interval customer-specific load and usage data that represents the electricity consumption pattern and level of the customer's operation under the existing rate tariff/contract. The CBL is the basis for achieving bill neutrality on a customer-specific basis for customers billed under this tariff, and is to be mutually agreed upon by both the customer and the Company as representing the customer's usage pattern under the customer's existing rate tariff/contract (current non-RTP or special contract). The CBL for customers establishing new service for new load to the Company's service territory shall be derived by the Company using projected usage, which may include setting the CBL at one-half of expected usage. For interruptible customers, the kilowatt-hours used in the CBL and bill neutrality calculation shall be reduced for the calendar months of June, July and August by 50% of the interruptible kWh, total kWh less firm load level, from the CBL period. Agreement on the CBL is a precondition for customer participation in the RTP Program. The CBL will not change during the contract term except where expressly provided in this tariff or the service agreement.

The CBL may be adjusted at the Company's discretion in special cases such as when a customer's actual kilowatt-hour usage falls below 50 percent of the CBL for three consecutive billing periods, to account for the existence of on-site generation equipment or due to the cost of increased facilities.

### **RTP Billing:**

Customers participating in the RTP Program will be billed monthly based on the following calculation:

$$\text{RTP Bill} = \text{AC} + \text{EC} + \text{USR} + \text{EEF} + \text{PC} + \text{SLT}$$

Where:

AC = Access Charge

EC = Energy Charge

**EXPERIMENTAL DAY AHEAD REAL TIME PRICING PROGRAM**

USR = Universal Service Rider  
EEF = Temporary EEF Rider  
PC = Program Charge  
SLT = State and Local Tax Rider

Except as provided for under the Interruptible RTP Customer Obligation to Interrupt subsection below, RTP credits shall exist when actual usage is curtailed below the CBL, except during forced outages by the Company, and shall be applied only in the billing period in which they occur. However, customer bills for electricity usage under the RTP Program in any billing month shall never be less than the sum of the applicable Program Charge, Universal Service Rider, Temporary EEF Rider and State and Local Tax Rider as defined in this rate, as well as any applicable rider approved by the Public Utilities Commission of Ohio, except to the extent necessary to correct a billing error from a prior bill. No RTP Credits may be carried forward or applied in a future billing period.

**Access Charge:**

The Access Charge is designed to achieve bill neutrality with the customer's existing rate tariff/contract if no change in electricity usage pattern occurs. The Access Charge is calculated at the end of the billing period and changes each billing period to maintain bill neutrality for a customer's CBL.

The Access Charge will be calculated as follows:

$$AC = (\text{Standard Bill @ CBL}) - \left\{ \sum_{t=1}^n (\text{CBL}_t \times \text{RTP}_t) \right\}$$

Where:

AC = Access Charge  
Standard Bill = Customer's bill for the specific month on the existing rate tariff/contract, using the CBL to establish the applicable billing determinants  
CBL<sub>t</sub> = Customer Baseline Load at hour t  
RTP<sub>t</sub> = The applicable Hourly RTP for hour t  
n = Total number of hours in the billing period  
t = An hour in the billing period

The CBL shall be adjusted to reflect applicable metering adjustments under the customer's existing rate tariff/contract. The Universal Service Rider, Temporary EEF Rider and State and Local Tax Rider shall be excluded from the calculation of the Access Charge.

**Energy Charge:**

The Energy Charge is applied to energy usage based on the hourly energy price quotes provided the previous day, as defined below in the section entitled "Hourly RTP," by Company.

The Energy Charge will be calculated as follows:

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

Where:

kWh<sub>t</sub> = Customer's actual kilowatt-hour usage in hour t  
RTP<sub>t</sub> = The applicable Hourly RTP at hour t

**EXPERIMENTAL DAY AHEAD REAL TIME PRICING PROGRAM**

t = An hour in the billing period  
n = Total number of hours in the billing period

The actual kWh<sub>t</sub> shall be adjusted to reflect applicable metering adjustments under the customer's existing rate tariff/contract.

**Hourly RTP:**

The Hourly RTP will be equal to:

$$RTP_t = (MC_t \times (1 + LAF)) + Adder_t$$

Where:

LAF = Loss adjustment factor  
1% for transmission (132 kV) service voltage  
3.2% for subtransmission (33 kV) service voltages  
4.7% for primary distribution service voltages  
10.3% for secondary voltages

$$MC_t = MGC_t + MTC_t$$

MGC<sub>t</sub> = Estimated cost of generation capacity and energy in the wholesale market for hour t on a ¢/kilowatt-hour basis.

\* MTC<sub>t</sub> = Hourly marginal transmission cost for hour t

\*Adder (applicable only when Customer's actual kilowatt-hour usage is greater than Customer Baseline Load; in all other hours Adder<sub>t</sub> = zero.)

= 1.57¢/kWh for on-peak hours for transmission (132 kV) service voltage  
2.19¢/kWh for on-peak hours for subtransmission (33 kV) service voltages  
2.82¢/kWh for on-peak hours for primary distribution service voltages  
3.34¢/kWh for on-peak hours for secondary distribution service voltages  
0.5¢/kWh for off-peak hours for all voltages except secondary distribution voltages  
0.8¢/kWh for off-peak hours for secondary distribution voltages

\*The marginal transmission cost will initially be set at zero. The Company reserves the right to include this cost in future marginal cost calculations. The Company also reserves the right to make adjustments to the Adder of between -0.8¢/kWh and + 0.8¢/kWh. The Company will obtain Commission approval before including such costs or adjusting the Adder and will notify participating customers of its intent to seek such approval.

The Company will make available to the customer, by 1:00 p.m. each day, the twenty-four Hourly RTPs that will be charged the next day. The Company will make available to the customer weekend and Monday Hourly RTP by 1:00 p.m. on the last regular business day of the preceding week. The Company may send more than one-day-ahead Hourly RTP for holidays identified in the Company's tariffs. The Company may revise these prices by 1:00 p.m. the day before they become effective. Company will provide the Hourly RTP via the Internet.

The Company shall not be responsible for failure of the customer to receive and act upon the Hourly RTP. The customer is responsible for notifying the Company of any failure to receive the Hourly RTP by 3:00 p.m. the business day before they become effective.

The customer is responsible for its access to the Internet. The customer will be responsible for providing a dedicated telephone line for metering purposes at each metering point.

**EXPERIMENTAL DAY AHEAD REAL TIME PRICING PROGRAM**

**Minimum Adder Charge:**

If charges produced by the Adder (Adder Charge) are less than the Minimum Adder Charge, the RTP Bill shall be increased by the difference between them (Minimum Adder Charge less the Adder Charge). The Minimum Adder Charge and Adder Charge shall be calculated as follows:

$$\text{Minimum Adder Charge} = \text{Min Rate} \times \text{MIK}$$

$$\text{MIK} = \text{Maximum Positive Incremental kWh per hour usage} = \text{the higher of } (\text{kWh}_{\text{mx}} - \text{SBD}) \text{ or Zero}$$

$$\text{Adder Charge} = \sum_{t=1}^n ((\text{kWh}_t - \text{CBL}_t) \times \text{Adder}_t)$$

Where:

Min Rate = \$0.88 per kW for transmission (132 kV) service voltage  
= \$0.93 per kW for subtransmission (33 kV) service voltages  
= \$0.99 per kW for primary distribution service voltages  
= \$2.57 per kW for secondary distribution service voltages

kWh<sub>t</sub> = Customer's actual kilowatt-hour usage for hour t  
kWh<sub>mx</sub> = Customer's maximum actual on-peak kilowatt-hour usage for one hour in the billing period  
SBD = Customer Baseline Load Standard Bill demand in kilowatts  
Adder<sub>t</sub> = The Adder for hour t as defined in the section entitled "Hourly RTP"  
t = An hour in the billing period  
n = Total number of hours in the billing period

**Interruptible RTP Customer Obligation to Interrupt:**

Interruptible RTP customers will not be required to interrupt for economic reasons as provided for in their existing rate tariff/contract. Customers are required to interrupt during emergency interruptions in accord with their existing rate tariff/contract. Failure to interrupt during emergencies as provided for in their existing tariff/contract will subject the customer to the applicable tariff/rider/contract penalties, and further participation in the RTP Program will be subject to the Company's approval.

During an emergency interruption, the CBL will be adjusted to be the lesser of the contracted firm load as stated in the customer's existing rate tariff/contract or the CBL as specified in the customer's RTP service agreement.. Emergency RTP credits will be given for curtailment of usage below the CBL as so adjusted during emergency interruptions. However, customer bills for electricity usage under the RTP Program in any billing month shall never be less than the sum of the applicable Program Charge, Universal Service Rider, Temporary EEF Rider and State and Local Tax Rider as defined in this rate, as well as any applicable rider approved by the Public Utilities Commission of Ohio, except to the extent necessary to correct a billing error from a prior bill. No RTP credits may be carried forward or applied in a future billing period, except for any such amounts attributable to curtailment below the contracted firm load during the hours of an emergency interruption (Emergency RTP Credit).

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**EXPERIMENTAL DAY AHEAD REAL TIME PRICING PROGRAM**

**Applicable Riders:**

The Rates and charges specified above shall be modified in accordance with the provisions of the following applicable Riders, in addition to any other applicable rider approved by the Public Utilities Commission of Ohio, unless otherwise stated above.

Universal Service Rider	Rider No. 14	Sheet No. 90
Temporary Rider for EEF	Rider No. 15	Sheet No. 91
State and Local Tax Rider	Rider No. 16	Sheet No. 92
State kWh Self-Assessor Credit Rider	Rider No. 18	Sheet No. 94

**Program Charge:**

A charge of \$150.00 per billing period shall be added to customer's bill each month to cover the additional billing, administrative, and communication costs associated with the RTP Program. For secondary voltage customers less than 100 kW, the applicable program charge shall be \$75.00 per billing period.

**Terms and Conditions:**

Except as provided in this rate schedule, all terms, conditions, rates, and charges outlined in the customer's existing rate tariff/contract will continue to apply. Participation in the RTP Program will not affect the customer's obligations for electric service under the existing rate tariff/contract. Except as expressly provided in this rate schedule, participation in the RTP Program is mutually exclusive to any other retail program that may be offered by the Company. At the Company's discretion, the output of any on-site Customer generating unit(s) that may be operated at times other than during forced outages of the Company's service or during routine maintenance periods shall be metered separately using recording meters of a type specified by the Company. Such metering shall be acquired and installed at the Customer's expense.

The primary term of service is through December 31, 2005, unless earlier terminated by the Company. However, a customer may elect to terminate participation in the RTP Program at the end of a billing period with three business days prior written notice and return to billing under the existing rate tariff/contract. Terminating customers may not return to the RTP program during the experiment. A customer shall be removed from participation in the RTP program if bill payment in full is not received by the Company before thirty (30) days past the due date specified on the customer's bill from the Company, except for valid cause, such as due to a legitimate billing dispute.

The supplying of and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio, and to Company's Standard Rules and Regulations, as filed with the Public Utilities Commission of Ohio.

**GENERAL COMMERCIAL SCHEDULE**

Applicable to any Full Service commercial or industrial Customer having a demand of less than 30 kW during the current month and preceding eleven months. A Full Service customer is one that receives all retail electric service from the Company

This schedule is only available to customers on an existing special contract approved by the PUCO or an application for approval of a special contract is pending before the PUCO prior to April 18, 1996.

**MONTHLY RATES:**

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges, Transmission Charges, Ancillary Service Charges, Generation Transition Charges, Regulatory Transition Charges and Generation Charges as shown below. Customers who receive Generation Services from a Certified Supplier may not be served under this schedule: therefore no Shopping Credit applies to this schedule.

**Distribution Charge**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
First 500 kWh, per kWh	3.948¢	3.530¢
Next 7,000 kWh, per kWh	3.723¢	3.314¢
All excess kWh, per kWh	2.193¢	1.875¢

**Transmission**

Energy Charge		
First 500 kWh, per kWh	0.353¢	0.316¢
Next 7,000 kWh, per kWh	0.333¢	0.297¢
All excess kWh, per kWh	0.198¢	0.167¢

**Ancillary Services Charge**

Scheduling, System Control and Dispatch Service For all kWh, per kWh		0.018¢
Reactive Supply Voltage Control from Generation Sources For all kWh, per kWh		0.033¢
Regulation and Frequency Response Service For all kWh, per kWh		0.021¢
Operating Reserve - Spinning Reserve Service For all kWh, per kWh		0.032¢
Operating Reserve – Supplemental Reserve Service For all kWh, per kWh		0.016¢

**Generation Transition Charge:**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge		
First 500 kWh, per kWh	2.039¢	1.824¢
Next 7,000 kWh, per kWh	1.924¢	1.714¢
All excess kWh, per kWh	1.135¢	0.966¢

**GENERAL COMMERCIAL SCHEDULE**

<b><u>Regulatory Transition Charge:</u></b>	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge		
First 500 kWh, per kWh	3.163¢	2.828¢
Next 7,000 kWh, per kWh	2.983¢	2.656¢
All excess kWh, per kWh	1.758¢	1.500¢
<b><u>Generation Charge:</u></b>		
Energy Charge		
First 500 kWh, per kWh	4.410¢	4.071¢
Next 7,000 kWh, per kWh	4.229¢	3.898¢
All excess kWh, per kWh	2.984¢	2.739¢

The Winter Rates specified above shall be applicable in eight consecutive monthly billing periods beginning with the October bills each year. The Summer Rates shall apply in all other billing periods.

2. **RECTIFIER CAPACITY CHARGE**  
 (Applicable only for DIRECT CURRENT SERVICE, Rider No. 6.)

\$4.75 per kW of installed rectifier capacity.

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date for non-residential bills shall not be less than twenty-one days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers.

3. **APPLICABLE RIDERS**

The Rates and charges specified above shall be modified in accordance with the provisions of the following applicable Riders:

ELECTRIC FUEL COMPONENT	Rider No.1	Sheet No. 79
DIRECT CURRENT SERVICE	Rider No. 6	Sheet No. 84
UNIVERSAL SERVICE CHARGE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
STATE AND LOCAL TAX RIDER	Rider No. 16	Sheet No. 92
NET ENERGY METERING	Rider No. 17	Sheet No. 93

**GENERAL COMMERCIAL SCHEDULE**

**SPECIAL RULES:**

1. COMBINED BILLING

- a. This schedule is applicable to any combination on one meter of more than four residential installations on the same Premises, or any combination on one meter of residential and commercial installations on the same Premises.
- b. Where two or more Separate Installations of different Classes of Service on the same Premises are supplied separately with service connections within 10 feet of each other, the meter registrations shall be combined for billing purposes, unless the Consumer shall make written request for separate billing.

2. SCHEDULE TRANSFERS

- a. If in any month the demand of one installation or the undiversified total demand of several installations eligible for Combined Billing equals or exceeds 30 kW, the service for that month and for subsequent months shall be billed under the Large Commercial Schedule as long as such schedule is applicable.
- b. Demand meters will be installed when, in the judgment of the Company based on tests or other data, the billing demand may exceed 30 kW.



**LARGE COMMERCIAL SCHEDULE**

Applicable to any commercial or industrial Full Service Customer having a demand equal to or in excess of 30 kW during the current month or any of the preceding eleven months. A Full Service customer is one that receives all retail electric service from the Company.

This schedule is only available to customers on an existing special contract approved by the PUCO or an application for approval of a special contract is pending before the PUCO prior to April 18, 1996.

**RATE:**

Monthly charges per customer for all customers served under this schedule shall include Reactive Demand Charges, Distribution Charges, Transmission Charges, Ancillary Service Charges, Generation Transition Charges, Regulatory Transition Charges and Generation Charges as shown below. Customers who receive Generation Services from a Certified Supplier may not be served under this schedule: therefore no Shopping Credit applies to this schedule.

Reactive Demand Charge:

For Each rkVA of Reactive Billing Demand, per rkVA \$0.48

**Distribution Charge:**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Kilowatt Demand Billing Charge:		
For the first 50 kWd	\$3.744	\$3.384
For all excess over 50 kWd	\$3.417	\$3.082

**Transmission Charges:**

Kilowatt Demand Billing Charge:		
For the first 50 kWd	\$0.693	\$0.626
For all excess over 50 kWd	\$0.633	\$0.571

**Ancillary Services Charges:**

Scheduling, System Control and Dispatch Service		
For all kWd, per kWd		3.50¢
Reactive Supply Voltage Control from Generation Sources		
For all kWd, per kWd		6.40¢
Regulation and Frequency Response Service		
For all kWd, per kWd		4.10¢
Operating Reserve – Spinning Reserve Service		
For all kWd, per kWd		6.10¢
Operating Reserve – Supplemental Reserve Service		
For all kWd, per kWd		3.10¢

**LARGE COMMERCIAL SCHEDULE**

<b><u>Generation Transition Charge</u></b>	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge:		
First 40,000 kWh, per kWh	2.506¢	2.270¢
Next 60,000 kWh, per kWh	1.808¢	1.612¢
For all excess kWh, per kWh	1.609¢	1.492¢

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
<b><u>Regulatory Transition Charges:</u></b>		
Energy Charge:		
First 40,000 kWh, per kWh	3.885¢	3.519¢
Next 60,000 kWh, per kWh	2.804¢	2.500¢
For all excess kWh, per kWh	2.494¢	2.314¢

<b><u>Generation Charge:</u></b>		
Kilowatt Demand Charge:		
First 50 kWd	\$9.861	\$8.888
For all excess over 50 kWd	\$8.978	\$8.075
Energy Charge:		
First 40,000 kWh, per kWh	1.901¢	1.853¢
Next 60,000 kWh, per kWh	1.760¢	1.720¢
For all excess kWh, per kWh	1.719¢	1.696¢

The Winter Rates shall be applicable in eight consecutive billing periods beginning with the October bills each year. The Summer Rates shall apply in all other billing periods.

2. RECTIFIER CAPACITY CHARGE  
 (Applicable only for DIRECT CURRENT SERVICE, Rider No. 6.)

\$4.75 per kW of installed rectifier capacity.

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date for non-residential bills shall not be less than twenty-one days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers.

**LARGE COMMERCIAL SCHEDULE**

**APPLICABLE RIDERS:**

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

ELECTRIC FUEL COMPONENT	Rider No.1	Sheet No. 79
PRIMARY METERING DISCOUNT	Rider No. 2	Sheet No. 80
SUPPLY VOLTAGE DISCOUNT	Rider No. 3	Sheet No. 81
DIRECT CURRENT SERVICE	Rider No. 6	Sheet No. 84
OFF PEAK DEMAND FORGIVENESS	Rider No. 7	Sheet No. 85
UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
NET ENERGY METERING	Rider No. 17	Sheet No. 93

**MINIMUM CHARGE:**

\$25.00 per month or fraction of a month, plus Electric Fuel Component - Rider No. 1, Rider No. 14 and Rider No. 15.

**MAXIMUM CHARGE:**

If a Customer's use in any month is at such low load factor that the sum of the Kilowatt Demand, Reactive Demand and Kilowatt-hour charges and Riders applicable (excluding Rider Nos. 1, 14 and 15) to those charges produces a rate in excess of 23.0 cents per kWh, the bill shall be reduced to that rate per kWh of use in that month plus the Electric Fuel Component Charge - Rider No. 1, Rider No. 14 and Rider No. 15 and the rectifier capacity charge when applicable, but not less than the Minimum Charge.

**SPECIAL RULES:**

1. COMBINED BILLING

Where two or more Separate Installations of different Classes of Service on the same Premises are supplied separately with service connections within 10 feet of each other, the meter registrations shall be combined for billing purposes, unless the Consumer shall make written request for separate billing.

2. SCHEDULE TRANSFERS

If for a period of twelve consecutive months, the demand of one installation or the undiversified total demand of several installations eligible for Combined Billing in each such month is less than 30 kW, subsequent service and billing shall be under the terms of the General Commercial Schedule as long as such schedule is applicable.

**LARGE COMMERCIAL SCHEDULE**

3. REACTIVE BILLING DEMAND

- a. For all single-phase installations and for those three phase installations where the Kilowatt Demand on any Class of Service is less than 65 kW, the reactive billing demand shall be zero.
- b. If the Kilowatt Demand is 65 kW or higher for three-phase installations, the reactive billing demand shall be determined by multiplying the monthly Kilowatt Demand by the ratio of the monthly lagging reactive kilovoltampere hours to the monthly kilowatthours and subtracting 30 from the resultant product.

4. SERVICE INTERRUPTION

Upon written notice and proof within ten days of any service interruption continuing longer than twenty-four hours, the Company will make a pro rata reduction in the Kilowatt Demand rate. Otherwise the Company will not be responsible for service interruptions.

**INDUSTRIAL SCHEDULE**

Applicable to any Full Service Customer having a demand of less than 10,000 kW and of more than 500,000 kWh per month or any of the preceding eleven months. A Full Service customer is one that receives all retail electric services from the Company.

This schedule is only available to customers on an existing special contract approved by the PUCO or an application for approval of a special contract is pending before the PUCO prior to April 18, 1996.

**RATE:**

Monthly charges per customer for all customers served under this schedule shall include Reactive Demand Charges, Distribution Charges, Transmission Charges, Ancillary Service Charges, Generation Transition Charges, Regulatory Transition Charges and Generation Charges as shown below. Customers who receive Generation Services from a Certified Supplier may not be served under this schedule: therefore no Shopping Credit applies to this schedule.

Reactive Demand Charge:

For Each rkVA of Reactive Billing Demand, per rkVA                      \$0.48

**Distribution Charge:**

	<u>SUMMER</u>	<u>WINTER</u>
First 50 kWd, per kW	\$3.081	\$2.784
For All Additional kWd, per kW	\$2.813	\$2.537

**Transmission Charges:**

First 50 kWd, per kW	\$0.792	\$0.715
For All Additional kWd, per kW	\$0.723	\$0.652

**Ancillary Services Charges:**

Scheduling, System Control and Dispatch Service		
For all kW, per kW		4.10¢
Reactive Supply Voltage Control from Generation Sources		
For all kW, per kW		7.30¢
Regulation and Frequency Response Service		
For all kW, per kW		4.70¢
Operating Reserve – Spinning Reserve Service		
For all kW, per kW		7.00¢
Operating Reserve – Supplemental Reserve Service		
For all kW, per kW		3.50¢

**INDUSTRIAL SCHEDULE**

<b><u>Generation Transition Charge</u></b>	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
<b>Energy Charge:</b>		
First 40,000 kWh, per kWh	3.221¢	2.919¢
Next 60,000 kWh, per kWh	2.324¢	2.073¢
Next 200 kWh per kWd, (but not less than 400,000 kWh)	2.068¢	1.920¢
Next 200 kWh per kWd	1.585¢	1.511¢
For all excess kWh, per kWh	0.590¢	0.521¢
 <b><u>Regulatory Transition Charges:</u></b>		
<b>Energy Charge:</b>		
First 40,000 kWh, per	4.995¢	4.526¢
Next 60,000 kWh, per kWh	3.604¢	3.215¢
Next 200 kWh per kWd, (but not less than 400,000 kWh)	3.207¢	2.977¢
Next 200 kWh per kWd	2.458¢	2.342¢
For all excess kWh, per kWh	0.915¢	0.807¢
 <b><u>Generation Charge:</u></b>		
<b>Demand Charge</b>		
First 50 kWd, per kW	\$10.461	\$9.425
For All Additional kWd, per kW	\$ 9.528	\$8.565
 <b>Energy Charge:</b>		
First 40,000 kWh, per kWh	0.106¢	0.227¢
Next 60,000 kWh, per kWh	0.464¢	0.564¢
Next 200 kWh per kWd, (but not less than 400,000 kWh)	0.567¢	0.625¢
Next 200 kWh per kWd	0.759¢	0.789¢
For all excess kWh, per kWh	1.157¢	1.184¢

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date for non-residential bills shall not be less than twenty-one days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers.

## INDUSTRIAL SCHEDULE

### APPLICABLE RIDERS:

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

ELECTRIC FUEL COMPONENT	Rider No. 1	Sheet No. 79
PRIMARY METERING DISCOUNT	Rider No. 2	Sheet No. 80
SUPPLY VOLTAGE DISCOUNT	Rider No. 3	Sheet No. 81
CUSTOMER'S SUBSTATION DISCOUNT	Rider No. 4	Sheet No. 82
OFF-PEAK DEMAND FORGIVENESS	Rider No. 7	Sheet No. 85
UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
NET ENERGY METERING	Rider No. 17	Sheet No. 93

### SPECIAL RULES:

1. SUBMETERING OR REDISTRIBUTION PROHIBITED

This schedule is applicable only where all of the electricity supplied is used solely by the Consumer for his own individual use, except as provided by Special Rule 5.

2. SCHEDULE TRANSFERS

- a. If in each month the kilowatt-hour use is less than 500,000 kWh for a period of twelve consecutive months, subsequent service and billing shall be under the terms of the Large Commercial Schedule as long as such schedule is applicable.
- b. If in any month the maximum 30-minute kW demand exceeds 10,000 kW, the Customer shall contract for service under another schedule beginning with the next succeeding month.

3. REACTIVE BILLING DEMAND

The reactive billing demand shall be determined by multiplying the monthly Kilowatt Demand by the ratio of the monthly lagging reactive kilovolt ampere-hours to the monthly kilowatt-hours and subtracting 30 from the resultant product.

4. SERVICE INTERRUPTION

Upon written notice and proof within ten days of any service interruption continuing longer than twenty-four hours, the Company will make a pro rata reduction in the Kilowatt Demand rate. Otherwise the Company will not be responsible for service interruptions.

**INDUSTRIAL SCHEDULE**

5. BUILDINGS USED PRIMARILY FOR OFFICE PURPOSES

Either submetering or redistribution, as defined by the definitions of Section IX of the General Rules and Regulations, shall be permitted for buildings used primarily for office purposes upon the Customer executing a written application agreeing that service hereunder (1) shall be for five years, and for successive periods of two years each, unless written notice of termination is given one year before expiration of the five-year period, or any two-year renewal period; (2) shall be supplied solely by the Company during the initial and renewal periods; and (3) shall not be submetered to its tenants at charges greater than that which the tenant would pay to the Company on the otherwise applicable rate schedules.

Noncompliance with the terms and conditions of Special Rule 5 will result in the Customer not being eligible to receive service under the Industrial Schedule.



**LARGE INDUSTRIAL SCHEDULE**

Applicable to any Full Service Customer who shall contract for a demand equal to or in excess of 5,000 kilowatts for a period of not less than five years. A Full Service customer is one that receives all retail services from the Company.

This schedule is only available to customers on an existing special contract approved by the PUCO or an application for approval of a special contract is pending before the PUCO prior to April 18, 1996.

**RATE:**

Monthly charges per customer for all customers served under this schedule shall include Reactive Demand Charges, Distribution Charges, Transmission Charges, Ancillary Service Charges, Generation Transition Charges, Regulatory Transition Charges and Generation Charges as shown below. Customers who receive Generation Services from a Certified Supplier may not be served under this schedule: therefore no Shopping Credit applies to this schedule.

Reactive Demand Charge:  
For Each rkVA of Reactive Billing Demand, per rkVA \$0.48

**Distribution Charges**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Kilowatt Demand Billing Charge:		
First 5,000 kWd, per kW	\$ 2.302	\$2.094
For All Additional kWd, per kW	\$ 2.131	\$1.937

**Transmission Charges:**

Kilowatt Demand Billing Charge:		
First 5,000 kWd, per kW	\$ 0.663	\$0.603
For All Additional kWd, per kW	\$ 0.614	\$0.558

**Ancillary Services Charges:**

Scheduling, System Control and Dispatch Service		
For all kWd, per kWd		3.50¢
Reactive Supply Voltage Control from Generation Sources		
For all kWd, per kWd		6.30¢
Regulation and Frequency Response Service		
For all kWd, per kWd		4.10¢
Operating Reserve – Spinning Reserve Service		
For all kWd, per kWd		6.10¢
Operating Reserve – Supplemental Reserve Service		
For all kWd, per kWd		3.10¢

**Generation Transition Charge**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
Energy Charge:		
First 115 kWh, per kWd	0.000¢	0.000¢
Next 305 kWh, per kWd	3.456¢	3.058¢
Next 130 kWh, per kWd	1.111¢	0.997¢
For all excess kWh	0.513¢	0.513¢

**LARGE INDUSTRIAL SCHEDULE**

	<b><u>SUMMER</u></b>	<b><u>WINTER</u></b>
<b><u>Regulatory Transition Charges:</u></b>		
Energy Charge:		
First 115 kWh, per kWd	0.000¢	0.000¢
Next 305 kWh, per kWd	5.360¢	4.742¢
Next 130 kWh, per kWd	1.723¢	1.546¢
For all excess kWh,	0.795¢	0.795¢
<b><u>Generation Charge:</u></b>		
Kilowatt Demand Billing Charge:		
First 5,000 kWd, per kW	\$15.594	\$14.162
For All Additional kWd, per kW	\$14.424	\$13.084
Energy Charge:		
First 115 kWh, per kWd	1.392¢	1.392¢
Next 305 kWh, per kWd	(3.784)¢	(3.188)¢
Next 130 kWh, per kWd	(0.272)¢	(0.101)¢
For all excess kWh, per kWd	0.624¢	0.624¢

The Winter Rates specified above shall be applicable in eight consecutive monthly billing periods beginning with the October bills each year. The Summer Rates shall apply in all other billing periods.

**TERMS OF PAYMENT:**

All bills for service shall be payable on or before the due date shown on the bill. The due date for non-residential bills shall not be less than twenty-one days after the mailing of the bill. Interest, at the rate of 1.5 percent (1.5%) per month, shall be charged on any unpaid balance existing at the next billing date for all Customers.

**METERING AND SUPPLY:**

The Rates of this schedule are for primary-metered electricity at all primary supply voltages other than 132 kV and for secondary-metered electricity on installations supplied at 132 kV. If electricity is supplied at any voltage other than 132 kV and is metered on the secondary side of the transformer bank, the monthly meter registrations will be increased 1%. The Company reserves the right to specify the supply voltage and the Company shall determine whether electricity shall be metered primary or secondary.

**LARGE INDUSTRIAL SCHEDULE**

**APPLICABLE RIDERS:**

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

ELECTRIC FUEL COMPONENT	Rider No. 1	Sheet No. 79
PRIMARY METERING DISCOUNT	Rider No. 2	Sheet No. 80
SUPPLY VOLTAGE DISCOUNT	Rider No. 3	Sheet No. 81
CUSTOMER'S SUBSTATION DISCOUNT	Rider No. 4	Sheet No. 82
OFF-PEAK DEMAND FORGIVENESS	Rider No. 7	Sheet No. 85
UNIVERSAL SERVICE	Rider No. 14	Sheet No. 90
TEMPORARY RIDER FOR EEF	Rider No. 15	Sheet No. 91
NET ENERGY METERING	Rider No. 17	Sheet No. 93

**MINIMUM CHARGE:**

The monthly minimum charge shall be the greater of the kilowatt demand billing charge multiplied by 5,000 kWd (schedule demand) or 50 percent of the Contract Demand, but not less than 5,000 kWd.

**SPECIAL RULES:**

1. CONTRACT DEMAND

The Contract Demand under this schedule shall be the Kilowatt Demand for which the Customer initially contracts, which shall not be for less than 5,000 kW. The Contract Demand shall be adjusted whenever monthly Kilowatt Demand billings exceed such contracted demand in any three months of a twelve consecutive month period. In such event, the Company shall adjust the Contract Demand to equal the average of the three highest monthly Kilowatt Demand billings incurred during any twelve consecutive months of the preceding months of the contract term (not exceeding 59 months of such contract term).

2. RESALE OR REDISTRIBUTION PROHIBITED

This schedule is applicable only where all of the electricity supplied is used solely by the Consumer for his own individual use.

3. REACTIVE BILLING DEMAND

- a. The Company shall each month determine the net leading or lagging reactive kilovoltampere demand registered during the same 30-minute period as the maximum Kilowatt Demand.
- b. If the rkVA demand so determined is lagging, the reactive billing demand shall be the rkVA which are in excess of 10 percent of the Kilowatt Demand billed.
- c. If the rkVA demand so determined is leading, the reactive billing demand shall be the rkVA which are in excess of 40 percent of the Kilowatt Demand billed.

**LARGE INDUSTRIAL SCHEDULE**

4. SERVICE INTERRUPTION

Upon written notice and proof within ten days of any service interruption continuing longer than twenty-four hours, the Company will make a pro rata reduction in the billing demand and the minimum charges. The Company will not be otherwise responsible for service interruptions.

### **MISCELLANEOUS CHARGES**

#### **RECONNECTION CHARGE**

When any service has been disconnected for failure to comply with the terms and conditions of the schedules or rules and regulations of the Company or has been disconnected at the Customer's request, a reconnection charge of \$9.00 will be required.

#### **COLLECTION CALL CHARGE**

If payment is made to a Company employee whose original purpose was to disconnect the service, then a charge of \$13.50 shall be assessed on the Customer's next billing but not more than once per billing period. Service which otherwise would have been disconnected shall remain intact.

#### **DISHONORED CHECK CHARGE**

A charge of \$9.90 shall be made to Customers for the additional cost incurred by the Company for processing checks that are returned by the bank.

#### **CURRENT DIVERSION CHARGES**

In the event the consumer or customer resorts to any fraudulent practice in the obtaining of electricity supplied, or is the beneficiary of any such fraudulent practice, or the Company's meter, metering equipment or other property used to supply the service has been damaged by the consumer or customer, his servants or agents. Service will not be restored until the consumer or customer has given satisfactory assurance that such fraudulent or damaging practice will be discontinued and has paid to the Company an amount estimated by the Company to be reasonable compensation for service fraudulently obtained and not paid for and for any damage to property of the Company including any cost to repair the damage;

The Company procedures for disconnecting service to residential consumers will be governed, as specified in the Ohio Administrative Code Chapter 4901:1-18, "Rules, Regulations and Practices Governing the Disconnection of Gas, Natural Gas or Electric Service to Residential Service," which as required by the Public Utilities Commission is incorporated into these General Rules and Regulations, as each is from time to time amended. A copy will be supplied to the Consumer upon request.

#### **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 \$117.25 for the Company's investigation. The investigation fee 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.

**MISCELLANEOUS CHARGES (Continued)**

**SERVICE RESTORATION CHARGE**

When the Company makes a field call to the Customer's location to replace fuses or reset circuit breakers owned by the Customer, the Company will assess a fee of \$26.85 to pay the costs associated with providing this service. This fee will be assessed only when there is more than one request for such service in a calendar year. No fee will be assessed when an outage has occurred in a neighborhood in the previous twenty-four (24) hours.

**METER TEST CHARGE**

The Company will, upon Customer request, test any meter suspected of not registering properly, in the Customer's presence if he so desires, with a tested meter-prover. Any meter registering between 2% fast and 2% slow shall be deemed to be registering correctly. Tested meters found registering correctly shall be resealed and the testing date recorded. Any meter registering incorrectly shall be replaced by the Company at its expense.

While the Company will test its meters for proper registrations, the second and subsequent test on the same meter performed during a calendar year at the request of the Customer, will be assessed a \$44.60 per test charge unless the Company finds, as a result of that test, an incorrectly registering meter.

**RESIDENTIAL DISCONNECTION/RECONNECTION FOR CUSTOMER WORK**

When a residential Customer requests the Company to disconnect and/or reconnect an overhead service drop (e.g. for siding work) there will be a charge to the Customer of either \$200 or the Company's actual cost to perform the disconnect/reconnect, whichever is less.

**RESIDENTIAL TEMPORARY SERVICE CONNECTION**

When requested by a residential Customer, the Company will provide a temporary service connection (not including temporary services that includes installation and removal of Company-owned temporary structure) for a charge to the Customer of either \$200 or the Company's actual cost to provide the temporary service connection, whichever is less.

**Rider No. 1 ELECTRIC FUEL COMPONENT RATE**

This Rider is applicable only to customer facilities under a special contract pursuant to Ohio Revised Code 4905.31, entered into prior to January 1, 2001, which requires the inclusion of an electric fuel component (EFC) rate according to the terms and conditions of the special contract, or where the special contract provides for billing under a tariffed rate schedule.

For those special contract customers whose terms and conditions require inclusion of the EFC rate, the EFC rate shall be **1.3918¢** per kWh.

For those special contract customers that are billed pursuant to a rate schedule, the following shall apply:

- a. The tariff rate's generation charge shall be reduced by the fuel portion of the generation charge at a rate of 1.3918¢ per kWh., and
- b. The EFC Rider charge shall be applied at a rate of 1.3918¢ per kWh.

**Rider No. 2--PRIMARY METERING DISCOUNT**

If the electricity is metered on the primary side of the transformer, a discount of 2 percent of the primary meter registration in each of the Company's electric schedules in which this Rider is applicable will be allowed for electricity so metered.



**Rider No. 3--SUPPLY VOLTAGE DISCOUNT**

A discount on the monthly Kilowatt Demand charges in each of the Company's electric schedules in which this Rider is applicable will be allowed when the supply is entirely from 132 kV Overhead Circuits or 33 kV Overhead Circuits (for the purpose of this Rider 33 kV Overhead shall include 13.8 kV Overhead transmission circuits fed directly from a power plant bus):

<u>Class of Supply</u>	<u>Discount per kW of Demand Billed per Month</u>
132 kV Overhead	\$1.80
33 kV Overhead	\$0.10

**Rider No. 4 - CONSUMER'S SUBSTATION DISCOUNT**

If the Consumer elects to furnish and maintain or lease or otherwise contract for all transforming, switching and other equipment required on the Consumer's Premises, a discount of 30 cents per kW of demand billed will be allowed on the monthly Kilowatt Demand charges in each of the Company's electric schedules in which this Rider is applicable.

**Rider No. 6--DIRECT CURRENT SERVICE**

THIS RIDER IS IN PROCESS OF ELIMINATION AND IS WITHDRAWN EXCEPT FOR THE PRESENT INSTALLATIONS OF GENERAL COMMERCIAL AND LARGE COMMERCIAL CONSUMERS RECEIVING SERVICE HEREUNDER AT PREMISES SERVED PRIOR TO MAY 31, 1965. THE COMPANY SHALL NOT BE REQUIRED TO SUPPLY ANY DIRECT CURRENT LOAD IN EXCESS OF THE CAPACITY, AS DETERMINED BY THE COMPANY, OF THE EXISTING DIRECT CURRENT SERVICE FACILITIES.

**SPECIAL RULES:**

1. BILLING QUANTITIES

Billing quantities shall normally be based on the registrations of a meter installed on the alternating current side of the rectifier serving the Consumer or on a pro rata share of such registrations if the Company elects to serve more than one Consumer from the rectifier. If such a meter is not installed, the billing quantities shall equal 1.1 times the direct current meter registrations.

2. COMBINED BILLING

Billing quantities of direct current service shall be combined with billing quantities of alternating current service where either:

- a. The rectifier serving the Consumer is supplied from the same incoming three-phase lines which supply the Consumer's alternating current service, or
- b. The Consumer's single-phase alternating current service and three-phase service with rectifier are both supplied from distribution voltage feeders.

The resulting total shall be billed at the rates of applicable schedules.

3. MULTIPLE INSTALLATION ON ONE RECTIFIER

If more than one Consumer is served from one rectifier, the rectifier capacity charge shall be allocated to each Consumer based on the ratio that the sum of the Consumer's peak instantaneous load requirements bear to the sum of the peak instantaneous load requirements served by the rectifier as determined by the Company.

4. CHANGES IN CAPACITY

The Company shall not be required to increase or decrease the capacity of its direct current facilities.

5. REMOVAL OF FACILITIES

If monthly billings are discontinued, the Company's direct current facilities may be removed, and thereafter, the Company shall not be required to furnish direct current service to such Premises.

**Rider No. 7--OFF-PEAK DEMAND FORGIVENESS**

This Rider is applicable to Full Service Customers with service provided for the purpose of religious worship or to any Full Service Customer having a kW Demand Billing equal to or more than 100 kW (or 20 kW or greater on the Optional Electric Process Heating and Electric Boiler Load Management Schedule) in the current month or any of the preceding eleven months, provided that such Customers either elect to pay a \$4.30 per month per meter charge associated with the metering equipment necessary to effectively implement that off-peak option, or has metering equipment to determine off-peak demand measurement. (When minimum/maximum charges are calculated, the \$4.30 charge will be added to that calculation.) In such event, the monthly billing kilowatt demand shall be the highest on-peak kW demand recorded during the billing period, or the sum of the highest on-peak kW demand plus 25 percent of the difference between the highest off-peak and highest on-peak kW demand recorded during the billing period, whichever is greater.

A Full Service customer is one that receives all electric services, including Generation Services, from the Company. On - peak shall be defined as 8:00 a.m. - 8:00 p.m. weekdays, except Holidays. Unless otherwise specified, off peak will be Saturdays, Sundays, and those time periods not defined as on peak. Other days and time periods may be considered off -peak at the option of the Company.

**Rider No. 10--DIRECT LOAD CONTROL EXPERIMENT**

Available on an experimental basis to no more than 150 Full Service customers residing in single family houses being served under the Residential Schedule, Residential Add-On Heat Pump Schedule, Residential Water Heating Schedule, Residential Space Heating Schedule, and the Residential Water Heating and Space Heating Schedule who have installed electric central air conditioners (or heat pumps). This Rider is unavailable to a Customer with load controllers or to a Customer served under the Load Management Rate option. Participation is voluntary and Customer selection for this Rider is solely at the discretion of the Company. A Full Service Customer is one that receives all electric service, including Generation Services from the Company.

Under the terms of the experiment, the Company will install equipment at each house to curtail, as needed, by radio control signals the water heating and air conditioning (heat pump) compressor loads during the four summer months of June through September. Electricity to water heaters may be curtailed from 12:00 p.m. to 6:00 p.m. weekdays; while electricity to air conditioners (or heat pumps) may be curtailed at 15-minute intervals between this same time period. Curtailment time shall not exceed a total of 90 hours during those four summer months. The Company will also install equipment to monitor the total electric usage at each house.

Curtailment shall be at the sole discretion of the Company, and Customer participation demonstrates the Customer's acceptance of curtailable service. A payment equal to an amount the Company determines is needed to encourage participation shall be made to each Customer participating for each of the four summer months while the experiment continues.

A Customer may withdraw from the experiment at any time and may not afterwards re-enter. Likewise, the Company may end a Customer's participation at any time. The Company may withdraw this Rider at any time.

### **Rider No. 11--REPLACEMENT ELECTRICITY**

#### APPLICABILITY:

This Rider is available to Customers taking service from the Company, for all or a portion of their total electrical needs, under an electric service agreement filed under Section 4905.31, Revised Code, which allows for interruption of all or a portion of the Customer's electrical needs. This Rider is available only for the acquisition of Replacement Electricity occasioned by Interruption Conditions as defined below.

#### DEFINITIONS:

This Rider No. 11 shall be subject to the following definitions in addition to the definitions contained within PUCO No. 13 Electric Service.

1. Firm Electric Service Customers. Firm Electric Service Customers are customers within the Company's electric service territory which receive retail electric service from the Company which are not subject to interruption of their electric service except for System Emergencies.
2. Firm Wholesale Customers. Firm Wholesale Customers are customers to which the Company provides firm transmission service for wholesale electricity transactions.
3. Interruption Conditions. Interruption Conditions are the terms and conditions contained in a specific electric service agreement which define under what situations the Company can interrupt all or a portion of the Customer's electrical needs.
4. Interruptible Load. Interruptible Load shall be that portion of the Customer's total electrical needs which is subject to interruption under the defined Interruption Conditions.
5. Replacement Electricity. Replacement Electricity is electricity purchased by the Company to supply all or a part of a Customer's Interruptible Load during an Interruption Condition.
6. Replacement Electricity Source. A third-party provider of Replacement Electricity to the Company.
7. System Emergency. Any situation wherein the Company initiates its Emergency Electrical Procedures outlined in its General Rules and Regulations of P.U.C.O. No.13, as may be amended or revised.

#### REPLACEMENT ELECTRICITY SOURCE:

The Customer shall have the option of specifying a Replacement Electricity Source ("Source") in advance or allowing the Company to choose the lowest cost Replacement Electricity Source at the time an Interruption Condition occurs.

Rider No. 11--REPLACEMENT ELECTRICITY

1. No Customer Designation. If the Customer has not specified a Source, as described herein, the Company shall use its best efforts to obtain the lowest cost Replacement Electricity, excluding that obtained for Firm Electric Service Customers, subject to the conditions herein.

REPLACEMENT ELECTRICITY SOURCE:

2. Customer Designation. The Customer may specify a Source and the Company shall use its best efforts to satisfy the Replacement Electricity need based upon the Customer's specifications, provided that such specifications do not involve the use of inappropriate operating practices or otherwise negatively affect the Company 's ability to meet the requirements of its Firm Electric Service Customers.<sup>1</sup> The Company shall take title to any Replacement Electricity so purchased. Customer specifications must be made at least thirty (30) days before an Interruption Condition arises in which the Customer wishes to utilize that Source. The Customer can specify up to five (5) Sources at a time. The Customer can change their specified Sources no more than once each quarter.

The Customer specification must, at a minimum, include the following information:

- a) the estimated amount of Replacement Electricity the Customer may require;
- b) the Sources the Customer would like to utilize;
- c) which Source should be contacted first.

The Company shall use its best efforts, based on this information and any other information provided by the Customer, to meet the Customer's request to utilize a specified Source. The Customer shall pay the Company for any and all reservation costs required to assure that the Source will be available when an Interruption Condition occurs.

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<sup>1</sup> Best efforts shall mean actions that are reasonable, prudent and consistent with good utility practice. Best efforts do not include fiduciary or extraordinary action.

QUALIFICATIONS FOR A SOURCE:

The Company shall have the right not to utilize a potential Source unless it meets all of the following requirements:

1. Necessary Contracts. The Company's acceptance of a potential Source shall be subject to the completion of all necessary contracting, including appropriate interchange agreements and tariffs, and approval of such contracts, agreements and tariffs by any regulatory authority that assumes jurisdiction over such service.

Rider No. 11--REPLACEMENT ELECTRICITY

2. Credit Worthiness. The Company's acceptance of a potential Source shall be subject to a review of their credit worthiness.
3. Interconnection Standards. The Company's acceptance of a potential Source shall be subject to the ability of the potential Source to comply with the Company's interconnection standards.
4. System Integrity and Safety. The Company's acceptance of a potential Source shall be subject to the ability of the potential Source to comply with the Company's system integrity and safety standards.
5. Incurred Costs. The potential Source must agree to pay all of the costs incurred by the Company in qualifying them as a Source.

The Company shall provide to the potential Source and to the Customer the specific qualification criteria upon request.

PROCEDURE FOR RECEIVING REPLACEMENT ELECTRICITY:

1. Company Notification. When the Customer is notified by the Company that it must interrupt its Interruptible Load due to an Interruption Condition, the Customer will also be informed by the Company as to its ability to transmit Replacement Electricity.
2. Availability of Replacement Electricity. The availability of Replacement Electricity will depend on the existence of the following factors:
  - a) The Company is not experiencing a System Emergency.
  - b) The Company's transmission system is capable of importing the Replacement Electricity while maintaining service to Firm Electric Service Customers and Firm Wholesale Customers.
  - c) A qualified Source has Replacement Electricity available and it can be delivered to the Company. If none of a Customer's designated Sources have available Replacement Electricity, the Company may, at its option and with Customer approval, deliver Replacement Power from another qualified Source.

In the event the Company's Transmission System is capable of importing only a portion of the requested Replacement Power, the Company shall use its best efforts to fairly apportion available Replacement Electricity between customers which have requested it.



Rider No. 11--REPLACEMENT ELECTRICITY

3. Customer Notification. The Company shall endeavor to provide as much prior notice as possible of the availability of Replacement Electricity, and in situations other than System Emergencies or other emergency conditions, the Company shall endeavor to provide the customers with ninety (90) minutes notice. The Company may require the Customer to respond within thirty (30) minutes as to whether it wishes to utilize Replacement Electricity. Such notification must include all of the following information:
  - a) The amount of Replacement Electricity the Customer would like to schedule.
  - b) The duration for which it would like to schedule such Replacement Electricity. (The Company will provide the Customer with at least forty-five [45] minutes' notice of the end of an Interruption Condition.)
  - c) Designated Source to be used (if applicable).
  - d) Pricing information in the format specified by the Company to enable the Company to appropriately bill the Customer.
  - e) Confirmation that the Customer agrees to pay the Replacement Electricity Charges as specified herein.

If a Customer does not notify the Company during this notification period that it wishes to utilize Replacement Electricity, the Customer will be subject to interruption as defined in their electric service agreement.

4. Scheduling of Replacement Electricity. The Company shall require up to forty-five (45) minutes, from the time the Customer notifies the Company that it wants to utilize Replacement Electricity, to complete the scheduling of such Replacement Power. The scheduling of Replacement Electricity by the Company shall occur on a clock hour basis and shall be subject to all of the Company's standard scheduling practices. If requested in advance by the Customer, the Company will endeavor to provide Replacement Electricity from a non-designated Source for the period of time until the delivery of Replacement Electricity from the Customer's designated Source commences. The Company will also endeavor to provide Replacement Electricity to the Customer from the Customer's designated Source prior to the end of the 45-minute scheduling period whenever possible.

Upon written request, the Company shall provide to the potential Source and to the Customer the specific scheduling practices which apply.

5. Delivery of Replacement Electricity. Once the necessary scheduling has been completed, the Company shall then avoid interrupting the Customer subject to the provisions below.
6. Customer Review. The Company shall allow the Customer reasonable access to all pertinent documents relating to the purchase of Replacement Electricity by the Company.

Rider No. 11--REPLACEMENT ELECTRICITY

INTERRUPTION OF REPLACEMENT ELECTRICITY:

The Company shall have the right to interrupt the delivery of Replacement Electricity to the Customer, thus requiring interruption of the Customer's Interruptible Load, under the following circumstances:

- a) If the Source fails to deliver the scheduled Replacement Electricity to a Company interconnection point and the Company cannot supply the Customer's request for Replacement Electricity from an alternative qualified Source.
- b) If, in the sole judgment of the Company, such Replacement Electricity is required (i.) to maintain service to the Company's firm electric service customers, (ii) for system integrity purposes, or (iii.) for emergency power sales to other utilities.

Any such interruption shall be remedied as quickly as reasonably possible and shall be preceded by the exhaustion of other reasonable alternatives consistent with good utility practice to avoid the interruption.

The Customer shall indemnify and hold the Company harmless for any damages to person or property resulting from the interruption of Replacement Electricity occurring at the Customer's premises resulting from the interruption of the Customer by the Company when the designated Source fails to deliver Replacement Electricity.

In the event all or a portion of the Replacement Electricity a Customer had scheduled from a designated Source is interrupted by a direct action of the Company and instead utilized by the Company to support service to other customers, the Customer will be entitled to a credit to its bill equal to any amounts paid by Customer for Replacement Electricity which was then captured by the Company.

REPLACEMENT ELECTRICITY CHARGES:

The following charges will apply to all Replacement Electricity scheduled and delivered to the Customer. Failure to pay such amount shall be considered a failure to pay for electric service.

1. All costs incurred by the Company to purchase the Replacement Electricity
2. A 10% adder.
3. All applicable taxes.
4. Universal Service Rider
5. Temporary Rider for EEF

Rider No. 11--REPLACEMENT ELECTRICITY

CAPACITY AND ENERGY IMBALANCE:

1. The Customer shall have an affirmative obligation under this Rider No. 11 to balance capacity and energy deviations (positive and negative) between scheduled and actual capacity utilization and energy consumption to achieve zero deviation measured as the net of the power flows measured by meters at the customer's meter and the point of interconnection with the Company.
2. The deviation of actual power flows shall be calculated by the Company based on telemetered information from the metering point with the Customer as follows:

Imbalances = Actual hourly flow on the Customer meter minus scheduled hourly flow on the Customer meter.\*

\*If the Customer has a split of firm and interruptible load, the firm load is first through the meter and this measurement applies to the Replacement Electricity being supplied for the Interruptible Load.

3. Imbalances may be negative or positive. Negative imbalances occur when the Customer has over scheduled the actual load requirements and shall be compensated in accordance with Item (a) below. Positive Imbalances occur when the Customer has under scheduled the actual load requirements and shall compensate the Company in accordance with Item (b) below.
  - a) If a negative Imbalance occurs, the Company shall credit the Customer based on the actual kilowatthours, as outlined in Section 2 above, for each occurrence. The credit shall be as follows:
    - i.) For each kilowatthour not used by the Customer, the Company shall compensate the Customer or electricity supplier for the Replacement Electricity used by the Company. That Customer's compensation will be up to the Company's marginal cost of generation or the cost of the Replacement Electricity, whichever is less, except when the unused Replacement Electricity causes additional costs to the Company by creating instability on the Company's system.
  - b) If a positive Imbalance occurs, the Customer shall make payments to the Company based on the total kilowatthours of positive deviation, as outlined in Section 2 above, that has occurred in that month. The payment to the Company for each kilowatthour of positive deviation will be equal to 110% of either the Company's marginal cost of generation or the highest cost of power purchased during such period, whichever is greater.

Rider No. 11--REPLACEMENT ELECTRICITY

- c) If the Company requests that the Customer interrupt its Interruptible Load for an emergency condition and the Customer continues to take power, the Company may charge the Customer a positive deviation charge of \$50 per kilowatt per hour with the addition of Rider No. 1, Rider No. 14 and Rider No. 15.

EQUIPMENT:

All costs of any necessary metering, communications and other equipment necessary for the implementation of this Rider No. 11 shall be borne by the Customer. Such costs shall include the costs of any equipment required to verify the scheduled delivery of Replacement Electricity from the Source to the Company.

**Rider No. 12 –TRANSITION RATE CREDIT PROGRAM**

**RESIDENTIAL SERVICE**

In conformity with the Commission Entry in Case No. 03-2144-EL-ATA, Credit C and Credit D identified below apply to the following Residential tariffs for the time periods shown:

Residential Schedule	Original Sheet No. 10
Residential Water Heating Schedule	Original Sheet No. 12
Residential Space Heating Schedule	Original Sheet No. 13
Residential Water Heating and Space Heating Schedule	Original Sheet No. 14
Optional Electrically Heated Residential Apartment Schedule	Original Sheet No. 15

For purposes of reflecting Credits C or D on customer bills, the company may reflect the credit as part of delivery charges or transition charges or generation related charges.

The percentage reduction reflected in Credit D will be calculated prior to the application of Credit C. In no event shall Credit C reduce a customer's total bill below zero.

**Credit C**

For bills rendered from July 9, 2004 through December 31, 2005, the Generation Transition Charge will be reduced by \$5.00 per month.

For bills rendered from January 1, 2006 through the time at which the Regulatory Transition Charge is terminated, the Regulatory Transition Charge will be reduced by \$5.00 per month.

For bills rendered for usage for which the Extended Regulatory Transition Charge is applicable, the Extended Regulatory Transition Charge will be reduced by \$5.00 per month.

**Credit D**

For bills rendered from July 9, 2004 through December 31, 2005, the Generation Transition Charge shall be reduced by 19.9%.

For bills rendered from January 1, 2006 through the time at which the Regulatory Transition Charge is terminated, the Regulatory Transition Charge will be reduced by 12.8%.

For all customer bills for which an Extended Regulatory Transition Charge is applicable, the Extended Regulatory Transition Charge will be reduced by 12.8%.

**RIDER NO. 14**  
**UNIVERSAL SERVICE RIDER**

A Universal Service charge of 0.05252¢ per 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 Method for Percentage of Income Payment Plan Arrearages. Any service subject to Interim Emergency and Temporary Recovery Method for Percentage of Income Payment Plan Arrearages shall be subject to this Universal Service Rider instead. a new envelope is needed.

**RIDER NO. 15**  
**TEMPORARY ENERGY EFFICIENCY RIDER**

An Energy Efficiency charge of 0.010758¢/kWh shall be added to the energy charge of all applicable rate schedules and special contracts pursuant to Ohio Revised Code 4905.31 for the exclusive purposes of funding the Energy Efficiency Revolving Loan Program created under Section 4928.62 of the Ohio Revised Code and for paying the program's administrative costs.

All services shall be subject to this Temporary Energy Efficiency Rider regardless of underlying tariff or special arrangement.

**RIDER 16 - STATE AND LOCAL TAX RIDER**

**State kWh Tax**

**Applicability:**

For bills rendered reflecting metered usage occurring on and after January 1, 2003:, in addition to the charges provided in each of the Company tariffs, an excise tax will be imposed at the rates identified below to each end user of electricity in the State of Ohio pursuant to Sec. 5727.81 of the Revised Code.

Beginning with bills rendered with metered usage occurring on and after January 1, 2003: a Commercial or Industrial Customer of the Company that receives electricity through a meter as an end user and consumes over the course of the previous calendar year more than 120,000,000 kWhs of electricity may elect to self-assess the tax at a rate of \$.00075 per kWh plus four percent (4%) of the total price of electricity delivered through a meter as an end user. Payment of the tax will be made directly to the Treasurer of the State of Ohio in accordance with Divisions (A)(3) and (4) of Sec.5727.82 of the Revised Code.

**Rate:**

For all end users of electricity under Company's tariffs that are not self-assessing State kWh Tax, the tax imposed below shall apply for all bills rendered with metered usage on and after January 1, 2003:

First 2,000 kWhs	\$0.00465 per kWh
Next 13,000 kWhs	\$0.00419 per kWh
All Excess Over 15,000 kWhs	\$0.00363 per kWh

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

**Municipal Distribution Tax**

**Applicability:**

The Municipal Distribution Tax applies to all customers within the service territory in accordance with Sec. 718.01(f) of the Revised Code. Beginning with bills rendered with usage occurring only on or after January 1, 2003, in addition to charges provided for in the Company tariffs, a Municipal Distribution Tax will be included in the customer bill based on the Municipal Distribution Tax Rate applied to the Distribution revenue that is to be collected.

**Changes:**

Beginning in January 2003, the Company will annually submit a revised Municipal Distribution Tax Rate based on estimated tax liability and estimated Distribution revenues. In addition, beginning in January 2004, the Company will include a reconciliation that addresses the variances between actual municipal tax obligations and actual recovery.

**Municipal Distribution Tax Rate:**

0.530%



### **Rider No. 17 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 (a combustion turbine with a peak capacity of 100 kW or less) 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, and Underwriters Laboratories.

Pursuant to Section 4928.67 of the Revised Code, service under this Rider is available upon request to customer-generators on a first come, first served basis so long as the total rated generating capacity used by customer-generator facilities is less than one percent of the Company's aggregate customer peak demand in this state.

#### **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 unbundled generation component of the appropriate rate schedule 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. A refund in an amount of the accumulated bill credit will be paid to the customer-generator after three consecutive billing periods of such accumulation upon written request by the customer-generator.

**Rider No. 17 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 NO. 18**

**STATE KWH TAX SELF-ASSESSOR CREDIT RIDER**

**Applicability:**

For all end users of electricity approved by the Ohio Department of Taxation as a self-assessing purchaser under the provisions of Section 5727.81 of the Revised Code. This Rider will apply to all bills rendered with meter reading dates occurring between May 1, 2001 and December 31, 2005.

**Self-Assessor Credit (2001 – 2002):**

For all bills rendered with meter reading dates occurring between May 1, 2001 and December 31, 2002 the monthly bill shall include a self-assessor credit. This credit will be the amount by which the customer's monthly bill will be reduced if the customer elects to self assess. The formula to establish the amount of the self assess credit amount is set forth below in the Self Assessor Credit Formula (2001-2002) section of this Rider.

**Self-Assessor Credit Formula (2001 – 2002):**

The self-assessor credit included on the monthly bill shall be calculated using the formula below:

Self-Assessor Credit = (.52 x Statutory kWh Tax Monthly Amount + .02 x Price of Electricity before Application of Self-Assessor Credit + \$.000375 x Monthly kWh usage, up to 504,000,000 kWh per Self-assessing Year) / 1.04

Where:

**Statutory kWh Tax:**

First 2,000 kWhs	\$.00465 per kWh
Next 13,000 kWhs	\$.00419 per kWh
All Excess Over 15,000 kWhs	\$.00363 per kWh

**Price of Electricity** = Total Monthly Bill for electric service from The Cleveland Electric Illuminating Company + Monthly Bill for electric generation service from a CRES Provider (if the customer has switched).

**Self-assessing Years** = Twelve months ended April 30, 2002 and  
Twelve months ended April 30, 2003.

Self-assessing years may include less than twelve months for a customer if the Ohio Department of Taxation approval date for the application to self-assess is after May 1.

The 504,000,000 kWh threshold applies to the aggregate usage of all the accounts listed on each application for self-assessing the kWh tax approved by the Ohio Department of Taxation.

**Self-Assessor Credit (2003 - 2005):**

Commencing in 2003, the Self-Assessor Credit shall equal the Statutory kWh Tax, as calculated based upon the State kWh Tax Rate section of the State and Local Tax Rider (effective January 1, 2003), and shall apply to all self-assessors, even if the State and Local Tax Rider does not expressly apply to the rate tariff under which the self-assessor receives electric service. The Self Assessor Credit may be applied either as a credit on the electric bill or by not applying the State and Local Tax Rider to the customer's bill.

## **Interconnection Tariff**

### **Applicability**

Applicable in the entire territory where tariff P.U.C.O No. 13 applies, 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. An Interconnection Service Customer who has a facility that does not qualify for Simplified Interconnection pursuant to the Technical Requirements incorporated herein by reference may negotiate a separate Interconnection Agreement with the Company and the terms and conditions of this tariff apply to such Interconnection Service Customers to the extent that the negotiated Interconnection Agreement does not conflict with this tariff.

### **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.

### **Procedures**

Any Interconnection Service Customer seeking to physically connect facilities to the Company's Distribution System, which facilities may be used in Parallel Operation with the Company's Distribution System, shall file an Interconnection Application (Exhibit A) and sign an Interconnection Agreement with the Company for Interconnection. For facilities for which the referenced Technical Requirements for Interconnection and Parallel Operation of Distributed Generation are applicable, the Interconnection Service Customer and Company shall execute a Simplified Interconnection Agreement (Exhibit B). For all other facilities, the Customer and the Company shall execute an Interconnection Agreement which may be different from Exhibit B but which shall conform with the provisions of this tariff, to the extent applicable.

To the extent possible, Interconnection to the Company's Distribution System shall take place within the following time frames

1. Where no construction is required by the Company and the facility qualifies for Simplified Interconnection pursuant to the Screening process contained in the Technical Requirements, Interconnection shall be permitted within four weeks of the Company's receipt of a completed Interconnection Application (Exhibit A) in compliance with the terms and conditions of this tariff. Prior to actual Interconnection the Interconnection Service Customer must execute the Interconnection Agreement.
2. Where construction or system upgrades of the Company's Distribution System are required, the Company shall provide the Interconnection Service Customer in a timely fashion an estimate of the schedule and the Interconnection Service Customer's cost for the construction or upgrades. If the Interconnection Service Customer desires to proceed with the construction or upgrades, the Interconnection Service Customer and the Company shall enter into a contract. The contract shall contain a construction schedule listing target commencement and completion dates, and an estimate of the Interconnection Service Customer's costs for construction or upgrades. Assuming the Interconnection Service Customer is ready, the Interconnection Service shall take place no later than two weeks following the completion of such construction or upgrades. The Company shall employ best reasonable efforts to complete such system construction or upgrades in the shortest time reasonably practical.

### **Interconnection Tariff**

3. All Interconnection Applications shall be processed by the Company in a non-discriminatory manner. The Company shall promptly provide each Interconnection Service Customer a written Notice of the company's receipt of the Application. The Company will endeavor to place such notice in the U.S. Mail within 3 business days after the Application has been received by the Company's personnel designated on the application form. The Company shall provide each Interconnection Service Customer with a copy of the screening process and a target date for processing the Application. If the Application is viewed as incomplete, the Company must provide a written Notice within 10 days of receipt of the Application by the Company's personnel designated on the application form that the Application is not complete together with a description of the information needed to complete the Application and a statement that processing of the Application cannot begin until the information is received. The Company's target date shall permit Interconnection in a timely manner pursuant to the requirements of O.A.C. 4901:1-22-04(C). Interconnection Applications will be processed in the order that they are received. It is recognized that certain Interconnection Applications may require minor modifications while they are being reviewed by the Company. Such minor modifications to a pending application shall not require that it be considered incomplete and treated as a new or separate application. Minor modifications would not include at least the following: changes in facility size or location; any change requiring a new impact study; any other substantive change.
4. If the Company determines that it cannot connect the Interconnection Service Customer's facility within the time frames required by O.A.C. § 4901:1-22-04(C), the Company will notify the Interconnection Service Customer in writing of that fact as soon as possible. The notification will identify the reason or reasons Interconnection Service could not be performed within the time frames stated in O.A.C. § 4901:1-22-04(C), and provide an estimated date for interconnection service. This section shall not limit the rights of an Interconnection Service Customer for relief under Ohio Revised Code Chapter 4905

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

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 the date that 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.

#### **Metering**

Any metering installation, testing, or recalibration required by the installation of the Interconnection Service Customer's distributed generation equipment shall be provided consistent with the Electric Service and Safety Standards pursuant to Ohio Revised Code Chapter 4928, and specifically O.A.C. § 4901:1-10-05 (Metering) and, as applicable, § 4901:1-10-28 ( C ) (Net Metering).

## **Interconnection Tariff**

### **Liability Insurance**

Prior to any Interconnection with the Company, the Interconnection Service Customer must provide the Company with proof of insurance or other suitable financial instrument sufficient to meet its construction, operating and liability responsibilities pursuant to this tariff. At no time shall the Company require that the Applicant negotiate any policy or renewal of any policy covering any liability through a particular insurance company, agent, solicitor, or broker.

### **System Impact and Facilities Studies**

For those Applications that do not qualify for the Simplified Interconnection Agreement pursuant to the Screening Process included in the Technical Requirements, the Company may require supplemental review, a service study, coordination study, facilities study or Company system impact study prior to Interconnection. In instances where such studies are required, the scope of such studies shall be based on the characteristics of the particular generation facility to be interconnected and the Company's system at the specific proposed location. By agreement between the Company and the Interconnection Service Customer, studies related to Interconnection of the generation facility may be conducted by a qualified third party. The cost of an impact facilities study performed by the Company shall be included in the costs set forth in the Interconnection Fees section of this tariff, set forth below. The Company shall provide the Applicant for Interconnection service with a target date for completion of any required system impact or facilities study. Any such study conducted by the Company shall be shared with the Interconnection Service Customer.

### **Interconnection Fees**

The Company shall not charge any fees for Interconnection other than those authorized by this tariff.

The Company shall charge each Interconnection Service Customer that applies for Interconnection service a nonrefundable Interconnection Application fee of \$250, payable at the time the Interconnection Application is submitted.

Each Interconnection Service Customer shall deposit with the Company an amount equal to \$5 per kW of generation referenced in the Application for all generation units greater than 50kW. All units 50kW or less shall be assessed the nonrefundable Application Fee only as its deposit. The Company shall apply the deposit to the Company's actual costs associated with the Interconnection. If such costs are greater than the amount of the deposit, the customer shall pay such additional costs to the Company. If such costs are less than the amount of the deposit the Company shall refund the balance of the deposit to the customer.

### **Additional Fees**

#### **Construction or Upgrade Fees**

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.

## Interconnection Tariff

### **Resolution of Disputes**

The Company or the Interconnection Service Customer who is a non-mercantile, non-residential customer may seek resolution of any disputes which may arise out of this tariff, including the Interconnection and the referenced Technical Requirements in accordance with the Commission's Rules for Alternative Dispute Resolution.

### **Definitions**

For the purpose of this Interconnection tariff, the following words shall have the meanings set forth:

- (1) **CERTIFIED TERRITORY** – This term shall have the same meaning as found in R.C. 4928.01(A)(3)
- (2) **COMPANY** — The Cleveland Electric Illuminating Company
- (3) **FACILITY** — An electrical generating installation consisting of one or more generation units as defined in the Interconnection Application for Service.
- (4) **INTERCONNECTION** — The physical connection of the Interconnection Service Customer's Facilities to the Company's Distribution System for the purpose of electrical power service.
- (5) **INTERCONNECTION AGREEMENT** — The standard form of agreement between the Interconnection Service Customer and the Company (Exhibit B attached) or the negotiated agreement between the Interconnection Service Customer and the Company as referenced in the Procedures section above.
- (6) **INTERCONNECTION APPLICATION** — The standard form of application approved by the Commission (See Exhibit A).
- (7) **INTERCONNECTION SERVICE CUSTOMER** – This term shall have the same meaning as found in OAC §4901:1-22-02 (J).
- (8) **PARALLEL OPERATION** — This term shall have the same meaning as found in OAC §4901:1-22-02 (L).
- (9) **TECHNICAL REQUIREMENTS** – The 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.