Retired Electric Utility Rate Book

The entire rate book entitled Wisconsin Electric Power Company – MPSC No. 3, with approved rate schedules, rules, regulations, and standard forms, was retired December 31, 2016, in compliance with the Commission's Order in Case No. U-18061 issued on December 9, 2016.

# WISCONSIN ELECTRIC POWER COMPANY MICHIGAN

# RATE BOOK FOR ELECTRIC SERVICE

These Standard Rules and Regulations and Rate Schedules contained herein have been adopted by the Company to govern its relations with customers and have been approved by the Michigan Public Service Commission as an integral part of its Rate Book for Electric Service.

Copies of the Company's Rate Book for Electric Service are available on Wisconsin Electric Power Company's website at the following website address, <u>http://www.we-energies.com/business\_new/elec/elecratesmi.htm</u> or at the Michigan Public Service Commission's website at the following website address, <u>http://www.michigan.gov/mpsc/0,1607,7-159-16377\_52818\_53477-214344--,00.html</u>

# Territory

This Rate Book for Electric Service applies to the entire territory served with Electricity by the Company.

# THIS RATE BOOK SUPERSEDES AND CANCELS RATE BOOKS M.P.S.C. No. 2 – Electric M.P.S.C. No. 2, Appendix A – Electric

Issued *August 27, 2012* R.A. Draba Vice-President, Milwaukee, Wisconsin

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Michigan Public Service Commission
August 28, 2012
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Issued *May 21, 2015* J. A. Schubilske Vice-President, Milwaukee, Wisconsin



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Issued March 17, 2008 R.A. Draba Vice-President, Milwaukee, Wisconsin



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#### March 29, 2016

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Issued *March 31, 2016* J. A. Schubilske Vice-President, Milwaukee, Wisconsin



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Sheet Effective Date October 10, 2007 July 1, 2010 July 1, 2010 July 1, 2010 October 10, 2007 June 27, 2012

#### March 29, 2016

Beginning with first billing cycle following Nov. 13, 2013 January 1, 2016 January 1, 2016 February 12, 2016 June 27, 2012 January 1, 2013 June 27, 2012 June 27, 2012 January 1, 2009 January 1, 2009 June 27, 2012 June 27, 2012 July 1, 2010 June 27, 2012 January 1, 2009 June 27, 2012 January 1, 2009 January 1, 2009 January 1, 2009 June 27, 2012 July 1, 2010 June 27, 2012 July 1, 2010 January 1, 2009 January 1, 2009 June 27, 2012 July 1, 2009 June 27, 2012 July 1, 2010 January 1, 2009 October 10, 2007 October 10, 2007 June 27, 2012 July 1, 2009 July 1, 2009 January 1, 2009 June 27, 2012 January 1, 2009 January 1, 2009 January 1, 2009 January 1, 2009

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Issued *June 27, 2012* R.A. Draba Vice-President, Milwaukee, Wisconsin



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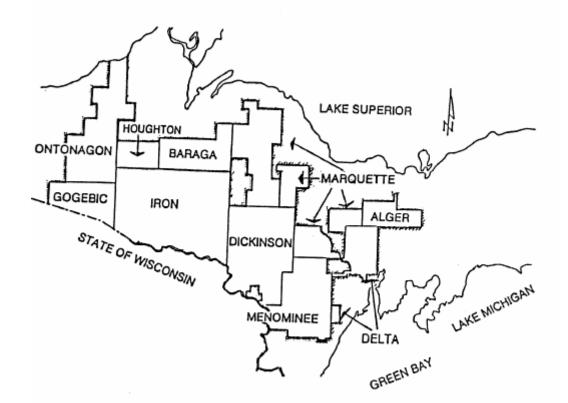
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Sheet Effective Date October 10, 2007 The later of : (i) the first day of each customer's next billing cycle following July 22, 2014; or (ii) August 1, 2014 October 10, 2007 October 10, 2007 January 1, 2009 October 10, 2007

Issued *July 25, 2014 J. A. Schubilske* Vice-President, Milwaukee, Wisconsin



# **TERRITORY SERVED**



(Continued on Sheet No. A-11.00)

Issued March 17, 2008 R.A. Draba Vice-President, Milwaukee, Wisconsin



## **TERRITORY SERVED**

(Continued From Sheet No. A-10.00)

County	Incorporated Cities & Villages	Townsh	ips
Alger		Limestone Mathias	Rock River
Baraga		Covington	Spurr
Delta		Baldwin Bark River Brampton	Cornell Escanaba Maple Ridge
Dickinson	Iron Mountain Kingsford Norway	Breen Breitung Felch Norway	Sagola Waucedah West Branch
Goegebic		Marensico	Watersmeet
Houghton		Duncan	
Iron	Alpha Crystal Falls Mineral Hills Stambaugh	Bates Crystal Falls Hematite Iron River	Mansfield Mastodon Stambaugh
Marquette		Champion Ely Humboldt Michigamme	Richmond Tilden Turin
Menominee	Carney Powers	Faithorn Gourley Harris Holmes	Meyer Nadeau Spalding
Ontonagon		Bohemia Greenland Haight	Interior McMillan Stannard

Issued March 17, 2008 R.A. Draba Vice-President, Milwaukee, Wisconsin



## TECHNICAL TERMS AND ABBREVIATIONS (FOR ALL CUSTOMERS)

- I. The definitions of the following technical terms and abbreviations are applicable to the Company's Electric Rate Book and are not contained in the other Sections thereof:
  - A. For All Utilities
    - (1) "Commission" means the Michigan public service commission.
    - (2) "Effective Date" means the date when the tariff sheet must be followed.
    - (3) "Issue Date" means the date the Company files a tariff sheet with the Commission.
    - (4) "Rate Book" means the complete set of Company filings submitted in accordance with the "Filing Procedures for Electric, Wastewater, Steam and Gas Utilities".
    - (5) "Rate Schedule" or "Rider" means the rate or charge for a particular classification of service, including all special terms and conditions under which that service is furnished at the prescribed rate or charge.
    - (6) "Rate Sheet" or "Tariff Sheet" means any of the documents filed in accordance with "Filing Procedures for Electric, Wastewater, Steam and Gas Utilities".
    - (7) "Rules and Regulations" means the rules, regulations, practices, classifications, exceptions, and conditions that the Company must observe when providing service.
    - (8) "Standard Customer Form" means a contract or other agreement that create or alter a customer's rights or responsibilities in dealings with the Company. Standard customer forms require a customer signature or are specifically referenced within the Rate Book for execution between the Company and customers.
  - B. Company

Advance – For the purposes of deposits and contributions, "in advance" means in advance of commencement of construction; however, under no circumstances will the meter(s) be set or the system energized until the required deposit or contribution has been made.

Ampere: Rate of flow of electricity.

Company - Wisconsin Electric Power Company.

Energy Optimization Surcharge: A delivery/distribution surcharge to allow recovery of the energy optimization alternative compliance payment made by the Company in compliance with Section 91(1) of 2008 PA 295. An annual energy optimization cost reconciliation shall be conducted. The approved Energy Optimization Surcharges are shown on Sheet No. D-5.01.

Full Requirements Service: The provision of retail regulated electric service including generation, transmission, distribution and ancillary services all provided by the Company.

Hertz (Hz): The international unit of frequency equal to one cycle per second.

60 Hertz Service: Shortened form of described "60-cycle" (per second) alternating current service" in these rate schedules.

Horsepower (hp) - Unit of mechanical power equivalent to 746 watts of electrical power.

Kilowatt (kW): One thousand watts. Unit of electric power representing rate of consumption.

Issued *May 29, 2009* R.A. Draba Vice-President, Milwaukee, Wisconsin Michigan Public Service Commission June 1, 2009 (Continued on Sheet No. A-13.00)

Effective for service rendered on and after *July 1, 2009* 

## TECHNICAL TERMS AND ABBREVIATIONS (FOR ALL CUSTOMERS) (Continued From Sheet No. A-12.00)

B. Company (Contd)

Kilovoltampere (kVA): Product of volts and amperes, divided by one thousand.

Kilowatthours (kWh): Consumption of energy equivalent to the use of one kilowatt for one hour.

Maximum Demand or Demand: Measured in kilowatts, is the highest power required as metered by a demand recorder.

Minimum Charge: The charge for the billing period when there is no kWh consumption in that billing period.

Month: The term "month" shall refer to the period between two successive, scheduled meter readings.

Power Factor: The ratio of watts to the product of volts and amperes.

Power Supply Cost Recovery Factor: That element of the rates to be charged for electric service to reflect Power Supply Costs incurred and made pursuant to a Power Supply Cost Recovery Clause incorporated in the rates or Rate Schedules.

Power Supply Cost Recovery Plan: A filing made annually describing the expected sources of electric power supply and changes over a future 12 month period specified by the Commission and requesting for each of those 12 months a specific Power Supply Cost Recovery Factor.

Power Supply Costs: Those elements of the costs of fuel and purchased and net interchanged power as determined by the Commission to be included in the calculation of the Power Supply Cost Recovery Factor.

Renewable Energy Surcharge: A power supply surcharge to allow recovery of the incremental cost of compliance with the renewable energy standards included in 2008 PA 295. An annual renewable cost reconciliation shall be conducted pursuant to Section 49 of 2008 PA 295. The approved Renewable Energy Surcharges are shown on Sheet No. D-5.03.

# Rate Realignment Adjustment: Adjustments in the form of a surcharge or credit applicable to all Power Supply kilowatt hours to realign rates to cost of service as required by 2008 PA 286.

Retail Access Service: Service offered by the Company under applicable laws, regulations, tariffs and agreements, which allows the customer to purchase generation service and transmission service from a licensed AES (Alternative Electric Supplier), with power delivered through the Company's distribution system.

Volt: Unit of electric force or pressure.

Issued *May 26, 2011* R.A. Draba Vice-President, Milwaukee, Wisconsin

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B8.

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# SECTION C COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS)

#### INTENT OF SECTION C

These Company Rules and Regulations for all customers are not to supersede but are in addition to Rule B1., Services Supplied by Electric Utilities; Rule B2., Consumer Standards and Billing Practices for Electric and Gas Residential Service; Rule B4., Commercial and Industrial Standards and Billing Practices; Rule B5., Underground Electric Lines; Rule B6., Electrical Supply and Communication Lines and Associated Equipment; Rule B7., Rules and Regulations Governing Animal Contact Current Mitigation (Stray Voltage); Rule B8, Electric Interconnection Standards; and Rule B9., Service Quality and Reliability Standards for Electric Distribution Systems.

#### C1. INTRODUCTION

- A. These rules and regulations set forth the terms and conditions under which electric service will be provided by the Company. They shall apply to all classes of service and shall govern the terms of all contracts for such service except that the Company reserves the right to enter into special contracts subject to the general regulations of the Michigan Public Service Commission. Failure of the Company to enforce any of the terms of these rules and regulations shall not be deemed as a waiver of the right to do so.
- B. Any promises or agreements made by agents or employees of the Company which are not in conformance with these rules and regulations, nor with the terms of special contracts executed by authorized representatives of the Company shall not have binding effect on the Company.
- C. No ownership rights in any facilities provided by the Company shall pass to any person as a result of any contribution or deposit made under these rules. No deposits or contributions made by customers shall be refundable unless expressly so provided in these rules.
- D. Copies of the Company's Rules and Regulations and Rate Schedules for electric service, as filed with the Michigan Public Service Commission, are open to public inspection at the Company's offices and are available upon request. Copies of the Company's Rate Book for Electric Service are available on Wisconsin Electric Power Company's website at the following website address, <u>http://www.we-energies.com/business\_new/elec/elecratesmi.htm</u>

#### C2. TERMS AND CONDITIONS OF SERVICE

#### C2.1. Membership and Electric Service

Each applicant for electric service may be required to sign the Company's "Application for Membership and for Electric Service." Acceptance of service, with or without a signed application, shall be subject to compliance with the terms of the Standard Rules and Regulations and Rate Schedules as filed with the commission.

## C2.2. Company-Owned Facilities

A. The Company will normally install, own, operate and maintain all distribution facilities on the supply side of the point of attachment as shown on the Company's standard drawings, including metering equipment. All service entrance conductor wiring from a point of connection to the Company's service line at a location satisfactory to the Company shall be the responsibility of the customer. If building modifications hinder access to metering facilities, create a hazardous condition, or cause a violation of code, the customer will be responsible for all costs incurred by the Company to correct these conditions.

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## COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-1.00)

### C2.2. Company-Owned Facilities (Contd)

- B. <u>Access to Premises</u> The customer shall provide at no expense to the Company suitable space with provisions for installation and maintenance of the Company's facilities on the customer's premises. Authorized agents of the Company shall have access to the premises at all reasonable times for construction, operation, maintenance, removal or inspection of the Company's facilities, or to inspect the customer's facilities or measure the customer's load. Authorized employees and agents shall carry identification furnished by the Company and shall display it upon request. Failure to provide access for any of the above reasons may result in termination of service.
- C. <u>Use of Facilities</u> The Company will not allow use of its poles or other facilities by others for installations or attachments of any kind without written authorization from the Company. This includes, but is not limited to, electrical or communication equipment, lights, signs and fences. The Company assumes no liability for property owned by others attached to its facilities. Unauthorized attachments to Company facilities may be removed by the Company.
- D. Protection The customer shall use reasonable diligence to protect the Company's facilities located on the customer's premises, and to prevent tampering or interference with such facilities. The Company may discontinue service in accordance with any applicable rules of the Michigan Public Service Commission, in case the meter or wiring on the customer's premises has been tampered with or altered in any manner to allow unmetered or improperly metered energy to be used. In case of such unauthorized use of service, the Company will continue service only after the customer has agreed to pay for the unmetered energy used, cost of discovery, and make provisions and pay charges for an outdoor meter installation or other metering changes as may be required by the Company. Failure to enter into such an agreement or failure to comply with the terms of such an agreement shall be cause to discontinue service in accordance with any applicable rules of the Company or commission. Restoration of service will be made upon receipt of reasonable assurance of the customer's compliance with the Company's approved Standard Rules and Regulations.

## C2.3. Customer-Owned Facilities

- A. The Company reserves the right to deny or terminate service to any customer whose wiring or equipment shall constitute a hazard to the Company's equipment or its service to others. However, it disclaims any responsibility to inspect the customer's wiring, equipment or any subsequent wiring changes or modifications and shall not be held liable for any injury or damage or billing errors resulting from the condition thereof.
- B. The customer shall be responsible for inadequate performance of such facilities. Before purchasing equipment or installing wiring, it shall be the customer's responsibility to check with the Company as to the characteristics of the service available. Any changes required to bring customer's service into compliance with code will be paid for by customer. The Company reserves the right to make reasonable service charges for work performed by Company personnel resulting from malfunction of the customer's facilities.

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## COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-2.00)

## C2.3. Customer-Owned Facilities (Contd)

C. The customer shall be responsible for notifying the Company of any additions to or changes in the customer's equipment which might exceed the capacity of the Company's facilities, or otherwise affect the quality of service. The customer shall also be responsible for the installation of auxiliary or standby equipment and of alarms and protective devices as required to provide reasonable protection in the event of disturbance or interruption of electrical service. The customer shall install and maintain the necessary devices to protect his or her other equipment against service interruptions and other disturbances on the Company's system, as well as the necessary devices to protect the Company's facilities against overload caused by the customer's equipment. Characteristics and installation of all such equipment or devices shall meet the approval of the Company.

#### C2.4. Customer-Owned Generating Systems

- A. Interconnection of a generating facility with the Company's system shall not be permitted until application has been made to and approval received from the Company. The Company may withhold approval only for good reason such as failure to comply with applicable Company rules or governmental laws. The Company shall require a contract specifying reasonable technical connection and operating aspects for the parallel generating facility.
- B. The Company may require that for each generating facility there be provided between the generator (or generators) and the Company's system a lockable load-break disconnect switch. For installations interconnected at greater than 600 volts, a fused cutout switch may be substituted, where practicable. The switches shall be accessible to the Company for the purpose of isolating the parallel generating facility from the Company's system, when necessary.
- C. The Company shall require a separate distribution transformer for a customer having a generating facility, where necessary for reasons of public or employee safety or where the potential exists for the generating facility to cause problems with the service of other customers. Ordinarily this requirement should not be necessary for an induction-type generator with a capacity of 5 kW or less, or other generating units of 10 kW or less that utilize line-commutated inverters.
- D. Where necessary, to avoid the potential for a generating facility causing problems with the service of other customers, the Company should limit the capacity and operating characteristics of single-phase generators in a manner consistent with its existing limitations for single-phase motors. Ordinarily single-phase generators should be limited to a capacity of 10 kW or less.
- E. The Company shall require that each generating facility have a system for automatically isolating the generator from the Company's system upon loss of the Company supply, unless the Company desires that the local generation be continued to supply isolated load. For synchronous and induction generators such protection against continued operation when isolated from the utility system will ordinarily consist of overcurrent protection, fuse or circuit breaker, plus a voltage or frequency controlled contactor which would automatically disconnect the unit whenever its output voltage or frequency drifted outside predetermined limits. Other suitable protective systems against abnormal voltages or frequencies may be accepted by the Company.

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## COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-3.00)

- C2.4. Customer-Owned Generating Systems (Contd)
  - F. The Company shall require that the customer discontinue parallel generation operation when it so requests and the Company may isolate the generating installation from its system at times:

When considered necessary to facilitate maintenance or repair of utility facilities.

When considered necessary during system emergencies.

When considered necessary during such times as the generating facility is operating in a hazardous manner, or is operating such that it adversely affects service to other customers or to nearby communication systems or circuits.

- G. The owner of the generating facility shall be required to make the equipment available and permit entry upon the property by Company personnel at reasonable times for the purposes of testing isolation and protective equipment, and evaluating the quality of power delivered to the Company's system; and testing to determine whether the local generating facility is the source of any electric service or communication systems problems.
- H. The power output of the generating facility shall be maintained such that frequency and voltage are compatible with normal Company service and do not cause the Company service to fall outside the prescribed limits of commission rules and other standard limitations.
- I. The generating facility shall be operated so that variations from acceptable voltage levels and other service impairing disturbances do not result in adverse effects on the service or equipment of other customers, and in a manner which does not produce undesirable levels of harmonics in the Company power supply.
- J. The owner of the generating facility shall be responsible for providing protection for the owner's installed equipment and for adhering to all applicable national, state and local codes. The design and configuration of certain generating equipment, such as that utilizing line-commutated inverters, sometimes requires an isolation transformer as part of the generating installation for safety and for protection of the generating facilities.

#### C2.5. Use of Service

Each customer shall, as soon as electric service becomes available, receive delivery from the Company practically all electric energy used on the premise, and shall become liable for all charges incurred in the delivery of said electrical energy from the Company. The customer's power supply may be purchased from an Alternative Electric Supplier or the Company. Standby and/or supplemental on-site generation may be utilized only if approved by the Company and properly connected so as to prevent parallel operations with the Company's system.

#### C2.6. Notice of Intent

A. <u>Application</u> – Prior to use of electrical service, each customer shall make proper application to the Company, and shall furnish all reasonable information required by the Company. Failure to comply with this requirement may result in refusal by the Company to provide service.

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## COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-4.00)

#### C2.6. <u>Notice of Intent (Contd)</u>

Any customer using service without first notifying and enabling the Company to establish a beginning meter reading may be held responsible for any amounts due for service supplied to the premises from time of last reading reported immediately preceding his or her occupancy.

- B. <u>Termination</u> Any customer desiring termination of service shall so notify the Company a minimum of five working days in advance so the service may be discontinued on a mutually agreeable date. Customers failing to give proper notice of intent to vacate the premises may be held responsible for use of service until a meter reading acceptable to the Company is obtained.
- C. <u>Switching</u> An eligible customer electing to purchase their power supply service from a licensed Alternative Electric Supplier with power delivered through the Company's distribution system shall abide by the terms specified in the Company's Retail Access Service RAS-1.

## C2.7. Conditions of Use

- A. The rules in this section are designed to assist in maintaining a high standard of electric service for all customers with maximum economy of facilities and are based on industry standards of good practice. When installing any utilization equipment, it shall be the customer's responsibility to comply with the provisions of this section.
- B. The customer shall not use the service in any way that causes a safety hazard, endangers the Company's facilities, or disturbs service to other customers. Failure to comply with this provision may result in discontinuance of the customer's service.
- C. Customer shall install only such motors or other apparatus or appliances as are suitable for operation with the character of the service supplied by the Company, and electric energy must not be used in such a manner as to cause detrimental voltage fluctuations or disturbances in the Company's distribution system.
- D. In order to limit the impact of voltage variations and disturbances to acceptable industry limits, the Company may establish starting and operating criteria for equipment on customer premises. Customer loads shall be sized and operated in accordance with such criteria.
- E. The Company may require the installation of a separate retail power service to serve equipment which does not conform to the rules which govern standard retail service or to serve other devices which are likely to interfere with standard voltage regulation. Power service, as defined in these rules, means service furnished principally for electromotive or industrial purposes and may include service for lighting thereto. Equipment or operations associated with a power service may affect voltage regulation or cause flicker or other disturbances that are not adequate for standard retail service.
- F. Where a customer connects single-phase equipment to a three-phase service, the single-phase equipment shall be connected to prevent unbalance of the loads on the three phases in excess of 10%, and the power factor of such single-phase loads shall not be less than 75% at rated load. When these requirements cannot be met the customer may contract for separate single-phase service.

(Continued on Sheet No. C-6.00)

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## COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-5.00)

### C2.7. <u>Conditions of Use (Contd)</u>

- G. It shall be the customer's responsibility to install any protective devices such as time-delay under-voltage relays, phase reversal relays, devices to protect against unbalanced phase operation of three-phase equipment and any other device necessary to prevent damage to utilization equipment which might result from imperfections in the service provided.
- H. It shall be the customer's responsibility to avoid installing and/or operating any utilization equipment that causes objectionable distortion of the system voltage waveform, or produces objectionable harmonic or other high frequency currents in the system, or interferes with the operation of any other customer's equipment or the Company's equipment or causes interference with the operation of another utility's facilities which may be in close proximity to the power system facilities. When the source of objectionable voltage distortion or interference is determined to be equipment owned by a specific customer, the customer will be informed and advised of his or her responsibility to correct the problem to acceptable industry limits. The Company has the right to require the customer to correct the problem or to disconnect the equipment causing the objectionable voltage distortion or interference.
- I. The Company may advise the customer concerning specific installations on request, but will not test or investigate any customer's equipment except when necessary to determine the cause of interference or substandard voltage conditions. The Company may refuse to connect service or may suspend service when such equipment does not conform to these rules and has not been corrected after reasonable notice.

#### C2.8. Non-standard Service

- A. The Company shall not be required to provide nonstandard service voltages or service at any voltage other than the standard voltages adopted for use on the distribution system.
- B. Customers shall be liable for the cost of any special installation necessary to meet particular requirements for service at other than standard voltages adopted by the Company, or to provide closer voltage regulation or meet specific criteria which exceed that required for standard retail service. (See also, Section C 8.3 Special Service.)
- C. The usual supply of electric service shall be subject to the provision of Michigan Public Service Commission rules, but where special service-supply conditions or problems arise for which provision is not otherwise made, the Company may modify or adapt its supply terms to meet the peculiar requirements of such case.
- D. The Company reserves the right to make special contractual arrangements as to the provision of necessary service facilities, duration of contract, minimum bills, or other service conditions with respect to customers whose establishments are remote from the Company's existing suitable facilities, or whose service requirements exceed the capabilities of the Company system in the area, or otherwise necessitate unusual investments by the Company in service facilities or where the permanence of the service is questionable.

## C2.9. <u>Resale of Electric Energy</u>

Customers shall not resell to, or share with others, any electric service furnished by the Company under the terms of its filed rate schedules not applicable to such resale of energy, unless otherwise authorized by the Michigan Public Service Commission.

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## COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-6.00)

#### C2.10. Service to a Single Metering Point

Where resale of electric service exists, the Company will be under no obligation to furnish or maintain meters or other facilities for the resale of service by the reselling customer to the ultimate user. The use of "Master Metering" will be limited to existing customers.

Electric service will no longer be granted where connection is made to a single metering point for the purpose of resale to the reselling customer's ultimate user. Each user will be metered as an individual unit. For the purposes of this rule, resale will also include sales where the electric service is included in the rent.

## C2.11. Point of Attachment

- A. Not more than one service drop or service lateral for either standard retail service or retail power service will be installed to the same building or utilization point except:
  - (1) where more than one point of delivery is necessary because of voltage regulation, governmental requirements, or regulatory orders;
  - (2) for installations where, in the opinion of the Company, more than one service drop or lateral is necessary to meet the load requirements;
  - (3) for row houses and other multiple occupancy buildings in compliance with Electrical Code requirements; or
  - (4) where additional services may be required for billing under different rate schedules.
- B. Where suitable service is available, the Company will install service connections from its distribution lines to a suitable point of attachment on the customer's premises designated by the Company. Where the customer requests a point of attachment other than that specified by the Company, and such alternative point of attachment is approved by the Company, the cost of installing additional intermediate supports, wires or fixtures necessary to reach the point of attachment requested by the customer, shall be borne by the customer.
- C. Should it become necessary for any cause beyond the Company's control to change the location of the point of attachment of service connections, the entire cost of any changes in the customer's wiring made necessary thereby, shall be borne by the customer.
- D. A service connection will not be made unless the customer has installed his or her service entrance facilities in compliance with code requirements and specifications set forth by the Company.
- E. The customer may be required to provide at no expense to the Company space for Company facilities on the customer's premises.
- F. For overhead service, the location of the point of attachment must be such that the Company's service conductors can be installed without attachment to the building in any other locations.
- G. For underground service, the point of attachment may be on the building, meter pedestal, or other agreed point.

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## COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-7.00)

#### C2.11. Point of Attachment (Contd)

H. Service will be provided to meter poles for farm service or other service where more than one structure is to be supplied from a single meter. The customer shall be required to install a fused disconnect switch on the pole at his or her own expense in accordance with Company specifications.

#### C2.12. Service to House Trailers, Vans, Buses, Used as Dwelling Units

The Company will make service connections to house trailers, vans, buses, or any other dwelling of a mobile nature without special charges, except as specified herein under Section C3, when the customer owns the premises and has installed an approved septic tank and well for his or her own use.

If the above conditions are not met, such installation and service facilities shall be considered to be Temporary Service as applicable under Section C3.92.

#### C2.13. Nature and Quality of Service

- A. The Company will endeavor to, but does not guarantee to furnish a continuous supply of electric energy and to maintain voltage and frequency within reasonable limits.
- B. The Company shall not be liable for interruptions in the service, phase failure or reversal, or variations in the service characteristics, or for any loss or damage of any kind or character occasioned thereby, due to causes or conditions beyond the Company's control, and such causes or conditions shall be deemed to specifically include, but not be limited to, the following: acts or omissions of customers or third parties; operation of safety devices, except when such operation is caused by the negligence of the Company; absence of an alternate supply of service; failure, malfunction, breakage, necessary repairs or inspection of machinery, facilities or equipment when the Company has carried on a program of maintenance consistent with the general practices prevailing in the industry; act of God; war; action of the elements; storm or flood; fire; riot; labor dispute or disturbances; or the exercise of authority or regulation by governmental or military authorities.
- C. The customer shall be responsible for giving immediate notice to the Company of interruptions or variations in electric service so that appropriate corrective action can be taken.
- D. The Company reserves the right to temporarily interrupt service for construction, repairs, emergency operations, shortages in power supply, safety, and state or national emergencies and shall be under no liability with respect to any such interruption, curtailment or suspension.

#### C2.14. Metering and Metering Equipment

A. The customer shall provide, free of expense to the Company and close to the point of service entrance, a space suitable to the Company for the installation of the necessary metering equipment. The customer shall permit only authorized agents of the Company or other persons lawfully authorized to do so, to inspect, test or remove the same. If the meters or metering equipment are damaged or destroyed through the neglect of the customer, the cost of necessary repairs or replacements shall be paid by the customer. Customers who desire to purchase their power supply from an Alternative Electric Supplier may have additional metering requirements as described in the Company's Retail Access Service Tariff, RAS 1. The Company reserves the right to make final decisions with respect to methods and equipment used in measurement of loads for billing purposes.

(Continued on Sheet No. C-9.00)

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## COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-8.00)

- C2.14. Metering and Metering Equipment (Contd)
  - B. <u>Meter Testing</u> All testing of metering equipment will be done by qualified personnel, either Company employees or by independent agents meeting the requirements of both the Company and the commission. The Company may, at its option, either conduct field tests on the customer's premises, or remove metering equipment for shop testing.
  - C. <u>Routine Tests</u> The Company will, through test procedures established by the commission, endeavor to maintain its metering equipment within the accuracy limits prescribed by the commission. Test procedures and accuracy limits are set forth in R 460.3101 R 460.3908.
  - D. <u>Location of Meters</u> Meters for all single family residential service will be installed outdoors. Meters for other services may be installed outdoors if they are located so they are protected from traffic and are readily accessible for reading and testing. Meters which must be protected from inclement weather, while being serviced or tested, shall be located indoors or in a suitable housing where such work can be performed.

Meters located indoors shall be as near as possible to the service entrance, in a clean, dry place, reasonably secure from injury, not subject to vibration, and readily accessible for reading and testing.

In cases of multiple buildings such as two-family flats or apartment buildings, if the meters are installed indoors, they shall be located within the premises served or at a common location readily accessible to the tenants and the Company.

An authorized representative of the Company will determine the acceptability of the meter location in all cases.

#### C2.15. Special Charges

The Company will make such charges for reasonable special services as necessary to discourage abuse and to minimize subsidy of such services by other customers. The following schedule shall apply where applicable:

Charge for any Special Services at Customer's Request:			
During Regular Working Hours	\$35		
Outside Regular Working Hours	\$70		
Meter Reading Charge	\$10		
Meter Test Charge	\$20		
Reconnect Charge:			
During Regular Working Hours	\$31		
Outside Regular Working Hours	\$77		
Disconnect Charge:			
Disconnect at Pole, During Regular			
Working Hours Greater of	\$31 or actual cost		
Disconnect at Pole, Outside Regular Working Hours Greater of	\$77 or actual cost		
Bad Check Handling Charge	\$15		
Connections Outside Regular Working Hours	\$40		

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## COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-9.00)

#### C2.15. Special Charges (Contd)

Charge for usage and billing information per request beyond one	
within a calendar year	\$15
Switch processing charge per switch request beyond one	
within a calendar year	\$62
Manual meter interrogation charge (per 2.5.3 of RAS 1)	\$15

Bills may be paid at authorized pay stations. A convenience fee may be charged by the third party processing the payment at the authorized pay stations. The Company will not be responsible for payments made to unauthorized pay stations.

### C2.16. Service Disconnect at Customer's Request

Service to the customer's premises may be disconnected by the Company at the customer's request under the following conditions:

- A. <u>Upon Termination</u> The Company will disconnect service with no charge to the customer upon due notice as provided elsewhere in these rules. However, if restoration of service at the same location is requested by the same customer or property owner(s), a reconnect charge will be applied. The reconnect charge will be increased by the amount of the minimum charge in the applicable rate schedule for the months service was disconnected, provided such reconnect is made during the twelve month period immediately following disconnect.
- B <u>For Repairs</u> The Company will temporarily disconnect service to facilitate repairs or other work on the customer's equipment or premises. Special service charges as set forth in Section C2.15, will be applicable.

#### C2.17. <u>Rate Application</u>

- A. The rates specified in this schedule are predicated upon the delivery of each class of service to a single metering point for the total requirements of each separate premises of the customer, unless otherwise provided for in these rules and regulations. In no case may service be shared with another or transmitted off the premises at which it is delivered. Service at different points and at different premises shall be separately metered and separately billed.
- B. Customers who have switched to an Alternative Electric Supplier will be allowed to only contract with a single Alternative Electric Supplier for each meter that serves them as described in the Company's Retail Access Service RAS-1.
- C. The customer may be eligible to take service under any one or two or more of the Company's delivery or power supply rates. Upon request, the Company will advise the customer in the selection of the rate which will give him or her the lowest cost of service, based on the information provided to the Company, but the responsibility for the selection of the Company rate lies with the customer. However, the Company will not advise the customer on the rates or services offered by an Alternative Electric Supplier nor compare the rates or services offered by an Alternative Electric Supplier to the Company's rates and services. The Company will provide information on the Company's rates.

(Continued on Sheet No. C-11.00)

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## COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-10.00)

#### C2.17. <u>Rate Application (Contd)</u>

- D. After the customer has selected the rate under which he or she elects to take service, the customer will not be permitted to change from that rate to another rate until at least twelve months have elapsed. Neither will the customer be permitted to evade this rule by temporarily terminating service. However, the Company may, at its option, waive the provisions of this paragraph where it appears that an earlier change is requested for permanent rather than for temporary or seasonal advantage. The intent of this rule is to prohibit frequent shifts from rate to rate.
- E. No refund will be made of the difference in charges under different rates applicable to the same class of service.
- F. The Retail Access Service RAS-1, provides the necessary information on a customer's rights and limitations associated with retail access, if they choose to exercise that option.

## C3. <u>CONSTRUCTION POLICY</u>

## C3.1. General

- A. This section of the rules and regulations sets forth the terms and conditions under which the Company will construct and extend its facilities to serve new loads and replace, relocate or otherwise modify its facilities.
- B. Except where specifically stated otherwise, service extension policy is based on overhead construction and any financial participation by the customers for underground facilities shall be in addition to other charges provided for in these rules.
- C. Contributions in aid of construction and other deposits made with the Company under the provisions of this section shall be considered nonrefundable except where provisions for refunds are specifically stated.
- D. No refunds will be made in excess of the refundable amount deposited, and deposits shall not bear interest. Refunds, where applicable, will be made in accordance with the terms stated hereinafter.
- E. Each distribution line extension shall be a separate, distinct unit and any further line extension therefrom shall have no effect upon the agreements under which such extension is constructed.
- F. See also Section C2.8, Non-standard Service and Section C2.12, Service to House Trailers, Vans, and Buses Used as Dwelling Units.

#### C3.2. <u>Residential Overhead Extension Policy</u>

A. <u>Charges</u>- For each permanent, year around dwelling, the Company will provide a single-phase line extension excluding service drop at no additional charge for a distance of 600 feet, of which no more than 200 feet is a lateral extension on the customer's private property. For each permanent, seasonal type dwelling, the Company will provide at no extra charge a 200 foot extension from a main line distribution feeder. Distribution line extension in excess of the above footages will require an advance deposit *in the entire amount of excess estimated construction costs*. There will also be a non-refundable contribution equal to the cost of right-of-way and clearing on such excess footage. Three-phase extensions will be on the same basis as Commercial and Industrial.

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#### C3.2. Residential Overhead Extension Policy (Contd)

- B. <u>Measurement</u>- The length of any main line distribution feeder extension will be measured along the route of the extension from the Company's nearest facilities from which the extension can be made to the customer's property line. The length of any lateral extension on the customer's property shall be measured from the customer's property line to the service pole. Should the Company, for its own reasons, choose a longer route, the applicant will not be charged for the additional distance. However, if the customer requests special routing of the line, the customer will be required to pay the extra cost resulting from the special routing.
- C. <u>Refunds</u> During the five year period immediately following the date of payment, the Company will make refunds of the charges paid for a financed extension under provisions of Paragraph (A) above. The amount of any such refund shall be \$500 for each permanent electric service subsequently connected directly to the facilities financed by the customer. Directly connected customers are those which do not require the construction of more than 300 feet of lateral primary distribution line. Such refunds will be made only to the original contributor and will not include any amount of contribution in aid of construction for underground service made under the provisions of the Company's underground service policy as set forth in this section. The total refund shall not exceed the refundable portion of the contribution.

#### C3.3. Non-residential Overhead Extension Policy

- A. <u>Company Financed Extensions</u> Except for contributions in aid of construction for underground service made under the provisions of Section C3.5 of these rules, the Company will finance the construction cost necessary to extend its facilities to serve commercial or industrial customers when such investment does not exceed 2 times the annual distribution revenue anticipated to be collected from customers initially served by the extension.
- B. <u>Charges</u> When the estimated cost of construction of such facilities exceeds the Company's maximum initial investment as defined in Paragraph (A), the applicant shall be required to make a deposit in the entire amount of such excess construction costs. Owners or developers of mobile home parks shall be required to deposit the entire amount of the estimated cost of construction, subject to the refund provisions of Paragraph (C).
- C. <u>Refunds -</u> That portion of the deposit related to the difference in the cost of underground construction and the equivalent overhead facilities shall be considered nonrefundable.

This amount shall be determined under applicable provisions of the Company's underground service policy as set forth in this section. The Company will make refunds on remaining amounts of deposits collected under the provisions of Paragraph (B) above in cases where actual experience shows that the electric revenues supplied by the customer are sufficient to warrant a greater initial investment by the Company. Such refunds shall be computed as follows:

- (1) Original Customer At the end of the first complete 12-month period immediately following the date of initial service, the Company will compute a revised initial investment based on 2 times the actual distribution revenue provided by the original customer in the 12-month period. Any amount by which twice the actual annual distribution revenue exceeds the Company's initial investment will be made available for refund to the customer; no such refund shall exceed the amount deposited under provisions of Paragraph (B) above.
- (2) Refunds for additional new customers directly connected to the financed extension during the refund period will be governed by Section C3.2, C.

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# COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-12.00)

C3.4. Service Extensions to Loads of Questionable Permanence

When service is requested for loads of questionable permanence, such as, but not limited to, saw mills, mixer plants, gravel pits, oil wells, oil facilities, etc., the Company will install, own, operate and maintain all distribution facilities up to the point of attachment to the customer's service equipment subject to the following:

- A. <u>Charges</u> Prior to commencement of construction, the customer shall make a deposit with the Company in the amount of the Company's estimated construction and removal less cost of salvage. Such estimates shall include the cost of extending the Company distribution facilities and of increasing capacity of its existing facilities to serve the customer's load.
- B. <u>Refunds</u> At the end of each year the Company will make a refund on the amount deposited from distribution revenues derived from the customer for electric service from the facilities covered by the deposit. The amount of such refund for any given year or part thereof shall be computed as follows:
  - (1) Year to year for the first four years of the deposit period.
    - (a) Twenty percent (20%) of the deposit if this amount is equal to or less than 20% of the new annual distribution revenue, excluding sales tax revenues.
    - (b) Twenty percent (20%) of the new annual distribution revenue, excluding sales tax revenues, if this amount is less than 20% of the deposit.
  - (2) The final year of the five-year refund period
    - (a) If at the end of the five-year refund period, the total distribution revenue for that period, excluding sales tax revenues, is equal to or greater than 5 times the original deposit, the balance of the deposit will be refunded.
    - (b) If at the end of the five-year refund period, the total distribution revenue, excluding sales tax revenue, is less than 5 times the original deposit, the refund for the fifth year will be applied in accordance with (1), (a) or (b) above.

No refund is to be made in excess of the deposit and the deposit shall bear no interest.

#### C3.5. General Underground Service Policy

- A. This portion of the rules provides for the extension and/or replacement of underground electric distribution facilities. The Upper Peninsula of Michigan was excluded from the mandatory underground rules adopted by the Michigan Public Service Commission in Case No. U-3001. The general policy of the Company is that real estate developers, property owners or other applicants for underground service shall make a contribution in aid of construction to the Company in an amount equal to the estimated difference in cost between underground and equivalent overhead facilities.
- B. Methods for determining this cost differential for specific classifications of services are provided herein. In cases where the nature of service or the construction conditions are such that these provisions are not applicable, the general policy stated above shall apply.

(Continued on Sheet No. C-14.00)

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# COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-13.00)

- C3.5. General Underground Service Policy (Contd)
  - C. The Company, at the request of the developer, will install an underground electric distribution system for all new residential subdivisions, mobile home parks, multiple occupancy building complexes, and commercial subdivisions, in cooperation with the developer or owner, evidenced by a signed agreement, and in compliance with the following specific conditions:
    - (1) The developer or owners must provide for recorded easements or rights-or-way acceptable to the Company. The easements are to be coordinated with other utilities and will include easements for streetlighting cable.
    - (2) The developer or owner must provide for grading the easement to finished grade or for clearing the easement of trees, large stumps and obstructions sufficiently to allow trenching equipment to operate. Survey stakes indicating easements, lot lines and grade must be in place. The developer or owner must certify to the Company that the easements are graded to within four inches of final grade before the underground distribution facilities are installed.
    - (3) The developer or owner requesting underground construction must make a nonrefundable contribution to the Company for primary switching cabinets. When a switching cabinet is required exclusively for one customer, that customer will contribute the actual installed cost of the switching cabinet. When more than one customer is served from the switching cabinet, each customer's contribution will be the prorated total installed cost of the switching cabinet based on the number of positions required for each customer.
    - (4) If trenching is required where practical difficulties exist, such as in rock or in sodden ground or when boring under streets, driveways, patios or any other paved areas, the per foot charges stated in this rule shall not apply; and the contribution in aid of construction shall be an amount equal to the total cost differential between overhead and underground construction costs, but not less than the amount calculated on the per foot basis.
    - (5) The developer or owner will be responsible for any costs of relocating Company facilities to accommodate changes in grade or other changes after underground equipment is installed, and also be responsible for any damage to Company facilities caused by his or her operations or the operations of his or her contractors. An amount equal to the total costs involved, including overheads, is required for relocation or rearrangement of facilities whether specifically requested by the developer or owner, or due to the facilities becoming endangered by a change in grade.
    - (6) An additional amount of \$1.00 per foot shall be added to trenching charges for practical difficulties associated with winter construction in the period from November 15 to April 30 inclusive. This charge will not apply to jobs which are ready for construction and for which the construction meeting has been held prior to September 30.

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# COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-14.00)

C3.6. Residential Underground Service Policy

If underground is requested, these provisions will apply to permanent dwellings. Mobile homes will be considered permanent dwellings when meeting the Company's requirements for permanent installations.

- A. <u>New Platted Subdivisions</u> Distribution facilities in all new residential subdivisions and existing residential subdivisions in which electric distribution facilities have not already been constructed shall be placed underground, except that a lot facing a previously existing street or county road and having an existing overhead distribution line on its side of the street or county road shall be served with an underground service from these facilities and shall be considered a part of the underground service area.
  - <u>New Platted Subdivision Distribution System</u> The Company will install an underground distribution system, including primary and secondary cable and all associated equipment, to provide service to the lot line of each lot in the subdivision.

For purposes of definition, all one-family and two-family buildings on individual lots are residential. The Company will furnish, install, own and maintain the entire underground electric distribution system including the service lateral cable for new residential subdivisions. The trenches for primary or secondary main cables will be occupied jointly by facilities of the Company and other utilities where satisfactory agreement for reimbursement exists between the Company and other utilities.

The service normally available from the system will be at secondary voltage, single-phase, three wire, 60 Hz. Three phase service will be made available for schools, pumping stations, and other special installations only under terms of a separate agreement. Certain related equipment, such as pad-mounted transformers, switching equipment and service pedestals may be above grade. The area must be suitable for the direct burial installations of cable.

The use of the lot front-foot measurements in these rules shall not be construed to require that the underground electric distribution system be placed at the front of the lot.

Where sewer and/or water lines will parallel Company cables, taps must be extended to each lot for a distance of four feet beyond the route of the cables prior to installation of the cables.

The property owner shall not make any changes in established grade in or near the easement that will interfere with utility facilities already installed. In the event the property owner requests relocation of facilities, or such facilities are endangered by change in grade, the property owner shall pay the cost of the relocation or rearrangement of the facilities.

(a) <u>Charges</u> – Prior to commencement of construction, the owner or developer shall deposit with the Company an amount equal to the estimated cost of construction of the distribution system, but not less than the nonrefundable charges set forth in the following Paragraph (b) below.

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# COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-15.00)

- C3.6. <u>Residential Underground Service Policy (Contd)</u>
  - (b) <u>Refunds</u> That portion of the deposit related to the difference in the cost of underground construction and the equivalent overhead facilities shall be considered non-refundable. This amount shall be determined by multiplying the sum of the lot front footage for all lots in the subdivision by \$1.75, except for those lots served by an underground service from an overhead distribution line under the provision of Section C3.6, A. Where underground extensions are necessary in unplatted portions of the property, the nonrefundable portion of the deposit shall be computed at the rate of \$3.50 per trench foot. The balance of the deposit shall be made available to the depositor on the following basis:

Following completion of its construction work order covering construction of the distribution system, the Company will refund any amount by which its original estimate exceeds the actual construction costs. During the five year period immediately following completion of the construction, the Company will refund \$500 for each permanent residential customer connected within the subdivision. Such refunds will be made only to the original depositor and in total shall not exceed the refundable portion of the deposit. The deposit shall bear no interest.

- (c) <u>Measurement</u> The front foot measurement of each lot to be served by a residential underground distribution system shall be made along the contour of the front lot line. The front lot line is that line which usually borders on, or is adjacent to, a street. However, when streets border on more than one side of a lot, the shortest distance shall be used. In case of a curved lot line which borders on a street or streets and represents at least two sides of the lot, the front foot measurement shall be considered as one-half the total measurement of the curved lot line. The use of the lot front foot measurement in these rules shall not be construed to require that the underground electric distribution facilities be placed at the front of the lot.
- (2) <u>New Platted Subdivision Service Laterals</u> The Company will install, own, operate and maintain an underground service lateral from termination of its facilities at the property line to a metering point on each new residence in the subdivision.
  - (a) <u>Contribution</u> For a standard installation the applicant shall make a nonrefundable contribution in aid of construction in the amount of \$2.00 per trench foot.
  - (b) <u>Measurement</u> The "trench feet" shall be determined by measuring from the termination of Company facilities at the property line along the route of the trench to a point directly beneath the electric meter.
- B. <u>Other Residential Underground Facilities</u> At the option of the applicant(s) the Company will provide underground facilities from existing overhead facilities in unplatted areas or in subdivisions where overhead electric distribution facilities have been installed.

The Company reserves the right to refuse to install its facilities underground in cases where, in the Company's opinion, such construction would be impractical or present a potential detriment to the service to other customers. The Company may designate portions of existing subdivisions as "underground service areas" where, in the Company' opinion, such designation would be desirable for aesthetic or technical reasons.

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## COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-16.00)

C3.6. <u>Residential Underground Service Policy (Contd)</u>

All future applicants for service in areas so designated will be provided with underground service subject to the applicable provisions of these rules.

- (1) Extension of Existing Distribution Systems in Platted Subdivisions Any such extension shall be considered a distinct, separate unit, and any subsequent extensions therefrom shall be treated separately.
  - (a) <u>Charges (In Addition to those Charges Set Forth in Section C3.2, A)</u> Prior to commencement of construction the applicant shall make a deposit in an amount equal to \$1.75 per foot for the total front footage of all lots which can be directly served in the future from the distribution system installed to serve the initial applicant. Any subsequent applicant(s) for service on these lots shall be required to make a nonrefundable contribution in aid of construction in the amount of \$1.75 per front foot for all lots owned by the subsequent applicant(s) which can be directly served from the original distribution extension.
  - (b) <u>Refunds</u> The Company will make available for refund to the original depositor from amounts contributed in aid of construction by subsequent applicant(s) as provided in Paragraph (a) above the amount included in the original deposit to cover the front footage of the lot(s) owned by the subsequent applicant(s). The total amount refunded shall not exceed the amount of the original deposit, and will be made only to the original depositor. The Company will endeavor to maintain records for such purposes but the depositor is ultimately responsible to duly notify the Company of refunds due; any refund not claimed within five years after completion of construction shall be forfeited. Refunds made under the provisions of the paragraph shall be in addition to refunds made under the Company's overhead extension policy.
  - (c) <u>Measurement</u> The lot front footage used in computing charges and contributions in Paragraph (a) above shall be measured the same as for new subdivisions as set forth in Section C3.6, A, 1, (c).

The front footage used in determining the amount of the original deposit or any refunds of subsequent contributions shall include only the frontage of lots directly served by the distribution system extension covered by the original deposit.

- (2) <u>Distribution Systems in Unplatted Areas</u> The Company will extend its primary or secondary distribution system from existing overhead or underground facilities. When any such extension is made from an existing overhead system the property owner may be required to provide an easement(s) for extension of the overhead system to a pole on his or her property where transition from overhead to underground can be made.
  - (a) <u>Contribution</u> Prior to commencement of construction, the applicant shall make a contribution in aid of construction equal to the difference between the estimated overhead construction costs and the underground construction costs, plus a deposit based on the Company's overhead extension policy. Refunds will be based on the overhead extension refund policy and shall apply only to that portion related to the overhead deposit.

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# COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-17.00)

- C3.6. <u>Residential Underground Service Policy (Contd)</u>
  - (3) <u>Service Laterals</u> The Company will install, own, operate and maintain an underground service lateral from the termination of its primary or secondary system to a metering point on each new residence to be served. Such underground service laterals may be served either from an underground or overhead system.
    - (a) <u>Contributions</u> When a service lateral is connected to an underground system the applicant shall make a nonrefundable contribution in aid of construction in the amount equal to the product of the trench length in feet multiplied by \$2.00. When the service lateral is connected to existing overhead facilities, the contribution shall be \$50 plus \$2.00 per trench foot.
    - (b) <u>Measurement</u> The "trench length" shall be determined by measuring from the pole or underground secondary terminal to which the service lateral is connected along the route of the lateral trench to a point directly beneath the electric meter.

#### C3.7. Non-residential Underground Service Policy

A. <u>Commercial Service</u> – Distribution facilities in the vicinity of new commercial loads and built solely to serve such loads will be placed underground (optional for companies serving the Upper Peninsula). This includes service to all buildings used primarily for business purposes, where the major activity is the sale of goods or services at wholesale or retail. This category shall include, but not be limited to, apartment houses, motels, and shopping centers.

It shall not be mandatory that any new commercial or industrial distribution systems or service connections be placed underground where, in the Company's judgment, any of the following conditions exist:

Such facilities would serve commercial or industrial customers having loads of temporary duration; or

Such facilities would serve commercial or industrial customers in areas where little aesthetic improvement would be realized if such facilities were placed underground; or

Such facilities would serve commercial or industrial customers in areas where it is impractical to design and place such facilities underground because of uncertainty of the size and character of the loads to be ultimately served therefrom.

- (1) The Company will furnish, install, own and maintain the entire underground electric distribution system including the service lateral cables for new commercial subdivisions. Generally, the trenches will be occupied jointly by facilities of the Company and other utilities where satisfactory agreement for reimbursement exists between the Company and the other utilities.
- (2) The service for individual customers within a commercial subdivision will be furnished as provided for in Underground Service Connections. Certain related equipment, such as pad-mounted transformers, switching, equipment, and service pedestals, may be above-grade.
- (3) In the event the developer(s), owner(s), customer(s) or tenant(s) request relocation of facilities which are endangered by change in grade, the total cost of relocation or rearrangement of the facilities shall be borne by the requesting party(s).

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## COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-18.00)

- C3.7. Non-residential Underground Service Policy (Contd)
  - (4) The Company will install underground service connections to commercial and industrial customers and other installations within designated underground districts in cooperation with the developer or owner, evidenced by a separate signed agreement, subject to the following specific conditions:
  - (5) When required, the developer or owner must provide suitable space and the necessary foundations and/or vaults for equipment and provide trenching, back-filling, conduits and manholes acceptable to the Company for installation of cables on his or her property.
    - (a) <u>Contribution</u> For standard installation of distribution facilities, the applicant(s) shall make a nonrefundable contribution in aid of construction in the amount equal to the product of the total of trench length in feet to the point of beginning service multiplied by \$1.90.

Transformers will be charged on an installed basis of \$4.00 per kVA.

Service, as this term is generally understood in the electric utility field (on customer's property), is charged on the basis of \$4.00 per trench foot.

- (b) <u>Measurement</u> "Trench length" shall be determined by measuring along the centerline of the trench as follows:
  - i. <u>Primary Extensions</u> shall be measured along the route of the primary cable from the transition pole to each transformer or other primary termination.
  - ii. <u>Secondary Extensions</u> shall be measured from each transformer or other secondary supply terminal along the route of the secondary cable to each secondary pedestal or termination. No charge will be made for secondary cable laid in the same trench with primary cable.
  - iii. <u>Service Laterals</u> shall be measured from the pole or underground secondary terminal to which the serve lateral is connected along the route of the lateral trench to the point of connection to the customer's facilities. No charge will be made for service laterals laid in the same trench with primary or secondary cable.
- B. <u>Industrial Service</u> Distribution facilities in the vicinity of new industrial loads and built solely to serve such loads will be placed underground at the option of the applicant. This includes service to all buildings used primarily for the assembly, processing or manufacturing of goods.
  - <u>Contribution</u> The applicant(s) shall make a contribution according to the provisions above for commercial service.
- C. <u>Mobile Home Parks</u> Distribution facilities in new mobile home parks shall be placed underground. Extension from existing overhead systems in mobile home parks will be placed underground at the option of the park owner.

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# COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-19.00)

- C3.7. <u>Non-residential Underground Service Policy (Contd)</u>
  - (1) The Company will furnish, install, own and maintain the entire underground electric distribution system including the re-meter portion of the service lateral cables for new mobile home parks. The trenches for primary or secondary main cables will be occupied jointly by facilities of the Company and other utilities where satisfactory agreement for reimbursement exists between the Company and the other utilities.
  - (2) The service for tenant loads normally available from the system will be at secondary voltage, single-phase, 120/240 volt, three wire, 60 Hz. Three-phase service will be made available for pumps and service installations only under terms of a separate agreement. Certain related equipment, such as pad-mounted transformers, switching equipment, and service pedestals may be above-grade. The area must be suitable for the direct burial installation of cable.
  - (3) This service is limited to mobile home parks in which the service is metered by the Company at secondary voltage.
  - (4) Company cables shall be separated by at least five feet from paralleling underground facilities which do not share the same trench. The park owner's cable systems, such as community antenna systems, should be in separate trenches, if possible. Subject to an agreement with the Company, these cable systems may occupy the same trench. The park owner must agree to pay a share of the trenching cost plus the extra cost of the additional backfill if required and agree to notify the other using utilities when maintenance of his or her cables requires digging in the easement.
  - (5) The park owner must provide for each mobile home lot a meter pedestal of a design acceptable to the Company.
  - (6) In the event the park owner requests relocation of facilities or such facilities are endangered by change in grade, the park owner shall pay the cost of the relocation or rearrangement of the facilities.
    - (a) <u>Contribution</u> The park owner shall be required to make a nonrefundable contribution in aid of construction as follows:
      - i. <u>Primary and Secondary Extensions</u> An amount equal to the product of the total trench length in feet multiplied by \$1.90.
      - ii. <u>Service Loops or Laterals</u> An amount equal to the product of the total trench length in feet multiplied by \$1.90.
      - iii. <u>Transformers</u> \$4.00 per kVA.
      - iv. The "trench length" shall be measured the same as provided for measurement of cable trench in commercial installations.

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# COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-20.00)

- C3.8. Other Conditions Underground Construction Policy
  - A. <u>Obstacles to Construction</u> Where unusual construction costs are incurred by the Company due to physical obstacles such as, but not limited to: rock, surface water, frost, other utility facilities, heavy concentration of tree roots, or roadway crossings, the applicant(s) shall make a nonrefundable contribution in aid of construction equal to the estimated difference in cost of the underground installation and that of equivalent overhead facilities. In no case shall this contribution be less than the per foot charges above for the type of service involved. The Company reserves the right to refuse to place its facilities under road or railroad rights-of-way in cases where, in the Company's judgment, such construction is impractical.
  - B. <u>Contributions</u> Prior to commencement of construction, the applicant shall make a contribution in aid of construction as required by the underground extension rules plus a contribution based on the Company's overhead extension policy. Refunds will be based on the overhead extension refund policy and shall apply only to that portion related to the overhead contribution.
  - C. <u>Geographic Exceptions</u> The Upper Peninsula of Michigan was excluded from the mandatory underground rules adopted by the Michigan Public Service Commission in Case No. U-3001.
  - D. <u>Replacement of Overhead Facilities</u> Existing overhead electric distribution service lines shall, at the request of an applicant(s), be replaced with underground facilities where, in the opinion of the Company, such replacement will not be detrimental to the electric service to other customers.

Before construction is started, the applicant(s) shall be required to pay the Company the depreciated cost (net cost) of the existing overhead facilities plus the cost of removal less the value of materials salvaged and also make a contribution in aid of construction toward the installation of underground facilities in an amount equal to the estimated difference in cost between the underground facilities and equivalent new overhead facilities.

- E. <u>Underground Installations for Company's Convenience</u> Where the Company, for its own convenience, installs its facilities underground, the differential between estimated overhead construction costs and underground costs of such installation will be borne by the Company. All other costs will be governed by the Company's Overhead Extension Policy.
- F. <u>Underground Extensions on Adjacent Lands</u> When a primary extension to serve an applicant or group of applicants must cross adjacent lands on which underground construction is required by the property owner (such as on State or Federal lands) the applicant(s) shall make a contribution to the estimated difference in cost between the underground and equivalent overhead facilities. The Company may establish a per foot charge to be considered the difference in cost. Such charge shall be adjusted from time to time to reflect the Company's actual construction cost experience.
- G. <u>Local Ordinances</u>- The Company reserves the right, where local ordinance requirements are more stringent than these rules, to apply to the Michigan Public Service Commission for such relief as may be necessary.

# C3.9. Miscellaneous General Construction Policy

See also Section C2.8, Non-standard Service. Except where specifically designated as overhead or underground construction policies, the following general policies will be applied to either overhead or underground construction:

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# COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-21.00)

#### C3.91. Easements and Permits

- A. <u>New Residential Subdivisions</u> The developer of a new residential subdivision shall cause to be recorded with the plat of the subdivision a public utility easement approved by the Company for the entire plat. Such easement shall include a legal description of areas within the plat which are dedicated for utility purposes, and also other restrictions as shall be determined by the Company for construction, operation, maintenance and protection of its facilities.
- B. Other Easement and Permits Where suitable easements do not exist, the Company will provide the necessary easement forms, and solicit their execution. The applicant(s), as a condition of service, will be ultimately responsible for obtaining all easements and permits as required by the Company, for construction, operation, maintenance and protection of the facilities to be constructed. Where State or Federal lands are to be crossed to extend service to an applicant or group of applicants, the additional costs incurred by the Company for rights-of-way and permit fees shall be borne by the applicant(s).

#### C3.92. **Temporary Service**

Customers desiring temporary service for a short time only, such as for construction jobs, traveling shows, outdoor or indoor entertainment or exhibitions, etc., shall pay the charge per customer per month provided in applicable rate schedules. In addition, such customer shall pay installation and removal charges as follows:

A. When 120/240 volt single-phase service is desired and when such service can be provided at the site without exceeding 100 feet overhead or 10 feet underground at the time temporary service is desired, the charge for installation and removal of temporary, single-phase, three wire, 120/240 volt service shall be:

(1)	For temporary overhead service	\$40.00
(2)	For temporary underground service, during the period from April 1 to December 14	\$45.00
(3)	For temporary underground service, during the period from December 15 to March 31	\$60.00

B. When 120/240 volt single-phase service is desired, and requires more than 100 feet overhead or 10 feet underground of extension, or if other than 120/240 volt single-phase service is desired, the charge for installation and removal shall be based on the cost thereof.

The customer shall be required to deposit in advance of construction with the Company an amount (in excess of any salvage realized) to cover the cost of installing and removing temporary facilities plus the estimated cost of service under the terms of applicable rate schedules. Meters may be read daily and the deposit modified as the energy used my justify such modifications.

If service extends for a period in excess of six consecutive months, the customer may qualify for other of the Company's available rates, provided he or she meets all of the applicable provisions of the filed tariffs.

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# COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-22.00)

C3.93. Moving of Buildings or Equipment

When the Company is requested to assist in the moving of buildings or equipment through, under or over the Company's distribution lines, the Company will require a deposit from the mover in advance of providing such assistance. The amount of the deposit required will be based upon the Company's estimate of the probable cost, but in no event will the required deposit be less than \$100. Upon completion of moving assistance, the Company will determine actual costs and will bill or credit the mover according to the difference between actual costs and the deposit, except the minimum actual cost will not be less than \$100. Actual costs will be determined in accordance with the following:

- A. Within regular working hours:
  - (1) Average individual wage rate applicable to employee(s) involved.
  - (2) Actual material used.
  - (3) Appropriate overhead charges.
- B. Outside regular working hours:
  - (1) Overtime wage rate applicable to employee(s) involved.
  - (2) Actual materials used.
  - (3) Appropriate overhead charges.
- C. The minimum billing for moving assistance shall not be less than \$100.00.

#### C3.94. Relocation of Facilities

- A. The Company will cooperate with political subdivisions in the construction, improvement or rehabilitation of public streets and highways. It is expected that the Company will receive reasonable notice so that any required relocation work can be properly scheduled.
- B. If the Company's poles, anchors, or other appurtenances are located within the confines of the public right-of-way, the Company will make the necessary relocation at its own expense with exceptions:
  - (1) The facilities were originally installed within the confines of the public right-of-way at the request of the political entity.
  - (2) Existing facilities being within the confines of a new public right-of-way obtained after the construction of the Company's facilities.
  - (3) The facilities provide public services such as lighting, traffic signals, etc.
- C. If the Company's poles, anchors or other appurtenances are located on private property, the political subdivision must agree in advance to reimburse the Company for any expenses involved in relocating its facilities.

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# COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-23.00)

- C3.94. <u>Relocation of Facilities (Contd)</u>
  - D. When the Company is requested to relocate its facilities for reasons other than road improvements, any expense involved will be paid for by the firm, person or persons requesting the relocation, unless one or more of the following conditions are met:
    - (1) The relocation is made for the convenience of the Company.
    - (2) The relocation is associated with other regularly scheduled conversion or construction work at the same location and can be done at the same time.
  - E. Before actual relocation work is performed under C and D above, the Company will estimate the cost of moving the poles, anchors or other appurtenances and an advance deposit in the amount of the estimate must be received from the firm, person or persons requesting such relocation. Upon completion of relocation work, the Company will determine the actual costs of the relocation, and the firm, person or persons requesting the relocation will be billed or credited for the difference between the advance deposit and the actual cost.

#### C3.95. Construction Schedules

Scheduling of construction shall be done on a basis mutually agreeable to the Company and the applicant. The Company reserves the right not to begin construction until the customer has demonstrated to the Company's satisfaction his or her intent to proceed in good faith with installation of his or her facilities by acquiring property ownership, obtaining all necessary permits and/or, in the case of mobile home's, meeting the Company's requirements for permanency.

#### C3.96. Design of Facilities

The Company reserves the right to make final determination of selection, application, location, routing and design of its facilities. Where excessive construction costs are incurred by the Company at the request of the customer, the customer may be required to reimburse the Company for such excess costs.

C3.97. Billing

For customer(s) who fail to take service two months after an extension has been completed to the premises and within the time period requested by the customer(s), the Company shall have the right, after said two month period, to commence billing the customer under the Company's applicable rates and rules for the type of service requested by the customer(s).

#### C3.98 Permanent Removal of Distribution or Service Facilities

If the Company is asked to remove existing distribution or service facilities, the customer shall pay in advance of the removal, the cost of such removal. The customer's contribution is not refundable.

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# COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-24.00)

#### C4. EMERGENCY ELECTRICAL PROCEDURES

#### C4.1. General

- A. Emergency electrical procedures may be necessary if there is a shortage in the electrical energy supply to meet the demands of customers in the electrical service area. It is recognized that such deficiencies can be short-term (a few hours) or long-term (more than a few hours) in duration; and, in view of the difference in nature between short and long-term deficiencies, different and appropriate procedures shall be adopted for each.
- B. Essential health and safety customers given special consideration in these procedures shall, insofar as the situation permits, include the following types of customers and such other customers or types of customers which the Commission may subsequently identify:
  - (1) "Governmental Detention Institutions," which will be limited to those facilities used for the detention of persons.
  - (2) "Fire Stations", which will be limited to attended, publicly-owned facilities housing mobile fire fighting apparatus.
  - (3) "Hospitals," which will be limited to institutions providing medical care to patients and where surgical procedures are performed.
  - (4) Life support equipment such as a kidney machine or respirator, used to sustain the life of a person.
  - (5) "Water Pumping Plants", which will be limited to publicly-owned facilities essential to the supply of potable water to a community.
  - (6) "Sewage Plants," which will be limited to publicly-owned facilities essential to the collection, treatment or disposal of a community's sewage.
  - (7) Radio and television stations utilized for the transmittal of emergency messages and public information broadcasts related to these procedures.
- C. Although these types of customers will be given special consideration from the manual load shedding provisions of this procedure, they are encouraged to install emergency generation equipment if continuity of service is essential. It is known that some of the township fire departments in the more rural parts of Michigan have portable generation equipment available. Maximum use should be made of these facilities. In the case of customers supplied from two utility sources, only one source will be given special consideration. Other customers who, in their opinion, have critical equipment or circumstances, should install emergency battery or portable generating equipment.
- D. The Commission will be promptly advised of the nature, time and duration of all implemented emergency conditions and procedures which affect normal service to customers. The Commission may order the implementation of addition procedures or the termination of the procedures previously employed when circumstances so require.
- E. As may be appropriate in accordance with the nature of the occurring or anticipated emergency, the Company will initiate the following procedures (C4.2 to C4.5).

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# COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-25.00)

#### C4.2. Sudden or Unanticipated Short-Term Capacity Shortage

In the event of a sudden decline of the frequency on the system or a sudden breakup which isolates all or parts of the system or power pool from other electric systems with which it is interconnected and which results in the area so isolated being deficient in electric generation, with consequent rapid decline in frequency.

Every effort will be made to maintain at least partial service to the system by means of predetermined load shedding of selected transmission and/or distribution circuits. The Company will make every reasonable effort to provide continuous service to essential health and safety customers.

### C4.3. Anticipated or Predictable Short-Term Power Supply Capacity Shortages

- A. In the event an emergency condition of short-term duration is anticipated or experienced which cannot be relieved by sources of power supply within or outside the system, the following steps will be taken at the appropriate time and in the order appropriate to the situation:
  - (1) The internal demand of substations, offices and other premises owned by the Company will be reduced to the largest extent consistent with the maintenance of service.
  - (2) Service will be interrupted to loads rendered service under Company interruptible tariffs.
  - (3) Voltage will be reduced not more than six percent.
  - (4) Voluntary load reductions will be requested of large commercial and industrial customers by procedures established in their respective load management plans.
  - (5) Voluntary load reductions will be requested of all other customers through appropriate media appeals.
  - (6) Load shedding of firm customer loads will be initiated. Service so interrupted shall be of selected distribution circuits throughout the Company area. Such interruptions shall be consistent with the criteria established for essential health and safety customers and will, insofar as practicable, be alternated among circuits. Records will be maintained to insure that during subsequent capacity shortages, service interruptions may be rotated throughout the Company service area in an equitable manner.

#### C4.4. Long-Term Capacity or Fuel Shortage

- A. The following actions will be implemented until it is determined by the Company energy suppliers that any or all actions may be terminated. The public will be immediately advised through appropriate media sources of the implementation of these procedures. If an emergency situation of long-term duration arises out of a long-term capacity or fuel shortage in the area which cannot be relieved by sources of generation within or outside the system, the following actions will be taken in the order noted as required:
  - (1) Curtail use during hours of maximum system demand of non-essential energy on premises controlled by the Company including parking and large area lighting and interior lighting, except lighting required for security and safety, and other uses of energy both during and outside normal business hours.

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# COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-26.00)

- C4.4. Long-Term Capacity or Fuel Shortage (Contd)
  - (2) Initiate voluntary energy curtailment during hours of maximum system demand of all customers by requesting, through mass communication media, voluntary curtailment by all customers of a minimum of ten percent of their electric use. This use will include lighting, air conditioning, heating, manufacturing processes, cooking, refrigeration, clothes washing and drying, and any other loads that can be curtailed or deferred to off peak hours.
  - (3) Implement procedures for interruption of selected distribution circuits during the period of maximum system demand on a rotational basis in accordance with specified load reduction amounts 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.
  - B. If the above actions are made necessary because of a long-term fuel shortage, they will be continued in the order taken to maintain as nearly as possible a 30-day fuel supply.

#### C4.5. Emergency Procedures of Wholesale Suppliers

Where appropriate, the emergency procedures will be the same as those placed in effect by the Company's wholesale for resale energy supplier.

#### C5. <u>SUPPLEMENTAL RESIDENTIAL STANDARDS AND BILLING PRACTICES</u>

#### A. Equal monthly billing or budget billing

The following supplements the provisions of R 460.118.

- (1) Residential customers, commercial customers for which the primary purpose of the service is to provide for residential living, and customers on the small commercial Cg1 rate, regardless of whether their primary purpose is for residential living, may upon request and subject to the approval of the Company, have bills rendered under a budget billing basis.
- (2) At the time a customer applies for such billing and also at the completion of each plan year, the Company shall review the customer's usage during the past twelve months and calculate an annual bill based upon the current rates. The total will be divided by twelve to determine the monthly current budget payment. If a full year of experience has not occurred, the Company shall make an estimate of the monthly budget amount. The budget billing service year begins at the point the customer first signs up for budget billing. The budget billing amount is reviewed after six months. Customers may select a periodic plan option or a continuous plan option for budget billing.
- (3) Monthly billings shall be in equal amount for the twelve months of the plan unless changes in usage by the customer require adjustment to the monthly amount. *The customer will choose either the periodic plan option or the continuous plan option.*

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# COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-27.00)

- A. Equal monthly billing or budget billing (Contd)
  - (4) Under the periodic plan option, after the sixth month review, the budget amount is adjusted accordingly (if warranted) for months seven to twelve of the budget billing service year. In the twelfth month of the budget billing service year, the customer will be billed the difference between their actual costs during the budget billing service year and their budget billing installments. The customer has the option of paying a debit balance in full or on a deferred basis, or of applying a credit balance against subsequent billings or requesting a refund of the credit balance. The budget amount for the new budget year will then be recalculated. The customer may request to pay their current budget amount and have the under billed or over billed balance rolled into the recalculation of the next budget billing period.
  - (5) Under the continuous plan option, after the sixth month review, the budget amount is adjusted accordingly (if warranted) for months seven to twelve of the budget billing service year. In the twelfth or settlement month, the customer will be billed their current budget amount and the difference between their actual costs during the budget billing service year and their budget billing installments will be rolled into and made a part of the next budget billing service year's installment.
  - (6) If the customer contacts the Company, they may request not to have the under billed or over billed balance rolled into the recalculation of the next budget billing period, but to pay the debit balance partially or in full, or applying a credit balance against subsequent billings, or requesting a refund of the credit balance, and to subsequently have the next years budget amount recalculated with the inclusion of any outstanding debit or credit balance.
  - (7) The monthly bill will show the amount of the current actual amount for service used, the debit or credit balance of the account for service used and payments made since the last bill, and the monthly budget payment due.
  - (8) The monthly bill shall be payable in the net budget billing amount on or before the specified due date. A late payment charge will be applied to any monthly installment amount outstanding after the specified due date on the bill consistent with the Billing Practices Rules.
  - (9) A customer may be removed from the budget billing plan upon request. In the next month, the under-billed or over-billed balance will be billed.
- B. <u>Payment of bills</u>

The following supplements the provisions of R 460.120.

In the case of those residential customers voluntarily receiving summary billing service, the Company shall permit each customer 15 calendar days from the date of rendition of each bill for payment in full.

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C. Separate bills/Summary billing service

The following supplements the provisions of R 460.124.

Summary billing service is available to customers with more than one electric service account upon completion and acceptance of an application. Every month, a customer participating in this voluntary service will receive a single bill that summarizes data about each account on one statement. The separate accounts are listed individually on the statement and their sum total is placed on the summary bill. The customer pays the total amount owed on the summary bill account.

D. Guarantee instead of deposit

The following supplements the provisions of R 460.112.

Instead of a cash deposit required by these rules, the Company may accept the written guarantee of a customer in good standing of the Company or the guarantee of the Department of Human Services where payment to the Company is the responsibility of the Department of Human Services.

#### C6. SUPPLEMENTAL BILLING PRACTICES NON-RESIDENTIAL CUSTOMERS

A. Payment of bills

The following supplements the provisions of R 460.3906.

In the case of those commercial and industrial customers voluntarily receiving summary billing service, the Company shall permit each customer 15 calendar days from the date of rendition of each bill for payment in full.

#### B. <u>Summary billing service</u>

Summary billing service is available to customers with more than one electric service account upon completion and acceptance of an application. Every month, a customer participating in this voluntary service will receive a single bill that summarizes data about each account on one statement. The separate accounts are listed individually on the statement and their sum total is placed on the summary bill. The customer pays the total amount owed on the summary bill account.

#### C7. STANDARD NOMINAL SERVICE VOLTAGE, LIMITS AND EXCEPTIONS

C7.1 Secondary Service Voltages

The following supplements the provisions of R460.3702.

The standard nominal secondary service voltages adopted by the Company which are available on the distribution system are as specified in this Section C7.1. Not all service voltages may be available in all areas and there may be a charge to extend the necessary facilities to the customer, as provided elsewhere in these Rules and Regulations.

(Continued on Sheet No. C-30.00)

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### COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-29.00)

- C7.1 Secondary Service Voltages (Contd)
  - A. 120 Volts, Single-phase, Two-wire Service

This service is available for loads not larger than 3,000 watts, and is limited to installations with not more than two branch circuits.

B. 120/240 Volts, Single-phase, Three-wire Service

This service is generally available for a maximum demand not greater than 100 kilowatts. A customer with a demand greater than 100 kilowatts may be served at this voltage at the option of the Company.

C. 208Y/120 Volts, Single-phase, Three-wire Service

This service is available for small loads where three-phase, four-wire 208Y/120 volt distribution facilities exist. The service capacity is generally limited to 100 amperes without specific approval.

- D. 208Y/120 Volts, Three-phase, Four-wire, Grounded-wye, Combination Single-phase and Three-phase Service
  - (1) This service is generally available *in all territories* where *the* three-phase, primary *system presently* exists, and where a duplication of facilities would not result.
  - (2) This service is generally available to a Customer having a demand of at least 100 kilowatts or to a group of customers located on adjacent premises under common ownership if the aggregate demand served from any one point of service is at least 100 kilowatts. Point of service is defined as the point of attachment of the customer-owned service to the Company-owned conductors.
  - (3) This service is generally available to a Customer having a demand less than 100 kilowatts, provided that the Customer's connected load includes motors of more than five horsepower per motor or the total connected load of all three-phase equipment is 25 kilowatts or more.
  - (4) This service is the only three-phase service available in areas where the system is a 208Y/120 volt, three-phase, four-wire, secondary system.
  - (5) The Company may regard this service as special service *under Section C7.3* where it is not standard, or at any location where, in its opinion, such an extension would result in duplication of distribution facilities.
  - (6) At the option of the Company, a Customer that does not meet the requirements of (2) or (3) may be able to obtain 208Y/120 volt, three-phase, four-wire, secondary service as a special service under Section C7.3. Consult the Company.

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### COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-30.00)

- E. 480Y/277 Volts, Three-phase, Four-wire, Grounded-wye, Combination Single-phase and Three-phase Service
  - (1) This service is generally available in all territories where the three-phase, primary system presently exists, and where a duplication of facilities would not result.
  - (2) This service is *generally* available to a *C*ustomer having a demand of at least *100* kilowatts or to a group of customers located on adjacent premises under common ownership if the aggregate demand served from any one point of service is at least *100* kilowatts. Point of service is defined as the point of attachment of the customer-owned service to the Company-owned conductors.
  - (3) At the option of the Company, a Customer having a demand less than 100 kilowatts, may be able to obtain 480Y/277 volt three-phase, four-wire service as a special service under Section C7.3.

*NOTE:* Service at 480Y/277 volts for demands less than 100 kilowatts may not be available in all areas. Consult the Company.

- (4) The Company may regard this service as special service under Section C7.3 where it is not standard, or at any location where, in its opinion, such an extension would result in duplication of distribution facilities.
- F. 240 Volts, Three-phase, Power Service
  - (1) This service voltage is no longer available for new service except, at the option of the Company:
    - (a) In areas with existing 240 volt, three-phase, secondary distribution facilities which are adequate, and where a duplication of facilities would not result.
    - (b) For special circumstances where warranted by engineering or economic considerations, as special service as noted in Section C7.3 of this rule.
  - (2) Where 240 volt, three-phase service existed as of the date of issue of these rules, the Company, at its option, may allow service upgrades at the same location. Such upgrades may be regarded as special service as noted in Section C7.3 of this rule.
- G. 480 Volts, Three-phase, Three-wire, Ungrounded Power Service
  - (1) This service voltage is no longer available for new service except, at the option of the Company, for special circumstances where warranted by engineering or economic considerations, as special service as noted in Section C7.3 of this rule.
  - (2) Where 480 volt, three-phase, three-wire service existed as of the date of issue of these rules, the Company, at its option, may allow service upgrades at the same location. Such upgrades may be regarded as special service as noted in Section C7.3 of this rule.

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# COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS) (Continued from Sheet No. C-31.00)

- C7.2 Primary Voltage Service
  - A. When entering into a contract to supply primary voltage service, the Company will specify the nominal voltage and its character at which it will serve the customer's load. The customer shall provide a substation of an appropriate size and design. Should the customer later desire to increase the size of his load above that specified in his contract, or change its character, a new contract for primary service will be entered into between the Company and the customer.
  - B. Rule 460.3702 defines the situations in which voltages outside the limits specified in the rule are not considered a violation. Additionally, the following situations are also not considered a violation of rule R460.3702:
    - (1) If they arise from normal system operations or conditions necessary to safeguard employees or the general public.
    - (2) If they arise from equipment failure or temporary separation of parts of the system from the main system.
- C7.3 Special Service
  - A. The Company shall not be required to furnish service voltages or combinations of service voltages other than those available under these rules.
  - B. Where special service, power service, a combination of service voltages, or separate lighting and/or power service is requested due to the nature of the customer's loads or operations, the Company may, at its option, supply such special service where:
    - (1) such service can be reasonably provided by the Company and
    - (2) the customer pays, in advance of construction and in addition to any line extension costs, the total amount by which the extension of special service(s) exceed the cost of extending the service(s) to which the customer is entitled.
  - C. Customers having equipment or operations that are sensitive to voltage fluctuations, transients, sags or swells that may affect the performance of certain types of equipment or operations, or that require service conditions that exceed those required for standard retail service, may find it necessary to install, at their own expense, power conditioning equipment or other modifications to protect, mitigate or otherwise provide the type of service needed.

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