# Retired Electric Utility Rate Book

The entire rate book entitled Great Lakes Energy Cooperative – MPSC No. 1, with approved rate schedules, rules, regulations, and standard forms, was retired June 11, 2008, in compliance with the Commission's Order in Case No. U-15152 issued on October 9, 2007.

## GREAT LAKES ENERGY COOPERATIVE

Boyne City, Michigan 49712

# SCHEDULE OF RATES, RULES AND REGULATIONS

**GOVERNING** 

THE SALE OF ELECTRICITY

Filed with

Michigan Public Service Commission

NOV 0 5 2002

Issued: October 1, 2002

By: Steven L. Boeckman

President and Chief Executive Officer

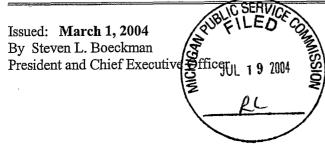
Effective for service on and after August 20, 2002

Issued under the authority of the M.P.S.C. dated August 20, 2002 in Case No. U-13163

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Effective for electric bills rendered on and after March 17, 2000

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President and Chief Executive Official 19 2004

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M.P.S.C. Order dated October 9, 2007 in Case No. U-15152

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Boyne City, Michigan



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By: Steven L. Boeckman
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Boyne City, Michigan

Effective Date: See above

Michigan Public Service
Commission

October 23, 2006

Filed

Sheet No.

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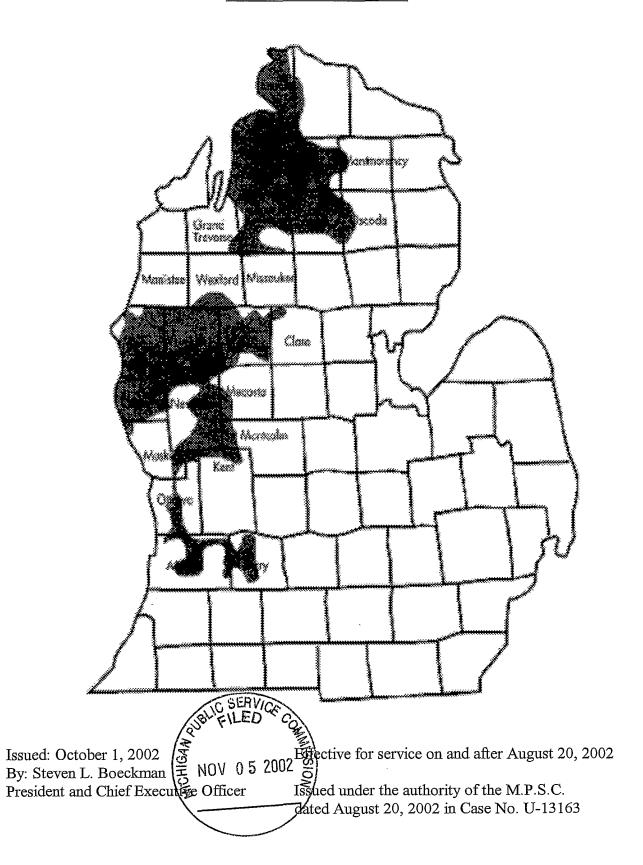
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President and Chief Executive Officer

Boyne City, Michigan

## **AREA COVERAGE MAP**



## COUNTIES/TOWNSHIPS SERVED

COUNTY	TOWNSHIP	COUNTY	TOWNSHIP
ALLEGAN	Allegan Dorr Fillmore Gun Plain Heath Hopkins Leighton Martin Monterey Otsego Overisel Salem Valley Watson Wayland	CHARLEVOIX	Bay Boyne Valley Chandler Charlevoix Evangeline Eveline Hayes Hudson Marion Melrose Norwood Peaine South Arm St. James Wilson
ANTRIM	Banks Central Lake Chestonia Custer Echo Elk Rapids Forest Home Helena Jordan Kearney Mancelona Milton Starr	CHEBOYGAN  CLARE  CRAWFORD	Burt Hebron Mentor Munro Tuscorara Wilmont Freeman Redding Winterfield Beaver Creek
BARRY	Torch Lake Warner  Barry Baltimore		Frederic Grayling Lovells Maple Forest South Branch
	Carlton Hastings Hope Irving Johnstown Orangeville Rutland Thornapple Yankee Springs  RUEL SERVICE COMMENT  TO COM	EMMET	Bear Creek Bliss Carp Lake Center Cross Village Friendship Littlefield Little Traverse Maple River

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By: Steven L. Boeckman

President and Chief Executive Officer

Issued under the authority of the M.P.S.C.

dated August 20, 2002 in Case No. U-13163

## **COUNTIES/TOWNSHIPS SERVED**

(Continued)

<b>COUNTY</b>	TOWNSHIP	COUNTY	<b>TOWNSHIP</b>
EMMET (con't)	McKinley Pleasantview Readmond Resort	LAKE (con't)	Sauble Sweetwater Webber Yates
	Springvale Wawatam West Traverse	MANISTEE	Norman Filer Stronach
GRAND TRAVERSE	Fife Lake Union	MASON	Amber Branch Custer
KALKASKA	Bear Lake Blue Lake Boardman Clearwater Cold Springs Excelsior Garfield Kalkaska Oliver Orange Rapid River Springfield		Eden Freesoil Grant Hamlin Logan Meade Pere Marquette Riverton Sheridan Sherman Summit Victory
KENT	Nelson Oakfield Solon Spencer Tyrone	MECOSTA	Aetna Austin Big Rapids Chippewa Deerfield Grant
LAKE	Chase Cherry Valley Dover Eden Elk Ellsworth Lake Newkirk Peacock Pinora Pleasant Plains	MISSAUKEE	Green Mecosta Bloomfield Clam Union Pioneer Norwich

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October 12, 2006

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## COUNTIES/TOWNSHIPS SERVED

(Continued)

<b>COUNTY</b>	<b>TOWNSHIP</b>	<b>COUNTY</b>	<b>TOWNSHIP</b>
MONTCALM	Maple Valley Pierson Reynolds	OCEANA	Benona Claybanks Colfax
	Reynolus		Crystal
MONTMORENCY	Albert		Elbridge
	Briley		Ferry
	Montmorency		Golden
	Vienna		Grant
			Greenwood
MUSKEGON	Casnovia		Hart
	Eggleston		Leavitt
	Moorland		Newfield
	Montague		Otto
	Ravenna		Pentwater
	Sullivan		Shelby
	White River		Weare
NEWAYGO	Ashland	OSCEOLA	Burdell
	Barton		Cedar
	Beaver		Evart
	Big Prairie		Hartwick
	Bridgeton		Hersey
	Brooks		Highland
	Croton		LeRoy
	Denver		Lincoln
	Ensley		Marion
	Everett		Middle Branch
	Garfield		Orient
	Goodwell		Osceola
	Grant		Richmond
	Home		Rose Lake
	Lilley		Sherman
	Lincoln		Sylvan
	Merrill	OSCODA	Croon
	Monroe Norwich	OSCODA	Greenwood
	Norwich Sheridan		Big Creek
	Sheridan Sherman		
	Troy Wilcox		
	YY IICOX		

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President and Chief Executive Officer NOV 0 5 2002

Effective for service on and after August 20, 2002

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### COUNTIES/TOWNSHIPS SERVED

(Continued)

<b>COUNTY</b>	TOWNSHIP
OTSEGO	Bagley
	Charlton
	Chester
	Corwith
	Dover
	Elmira

Hayes Livingston Otsego

**OTTAWA** Allendale

Blendon Georgetown Holland Jamestown Olive Polkton Robinson Zeeland

WEXFORD Cherry Grove

Henderson Liberty

South Branch

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#### SECTION I - INTRODUCTION

- A. These rules and regulations set forth the terms and conditions under which electric service will be provided by the Cooperative. They shall apply to all classes of service and shall govern the terms of all contracts for such service except that the Cooperative reserves the right to enter into special contracts subject to the general regulations of the Michigan Public Service Commission. Failure of the Cooperative to enforce any of the terms of the 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 Cooperative which are not in conformance with these rules and regulations, nor with the terms of special contracts executed by authorized representatives of the Cooperative shall not have binding effect on the Cooperative.
- C. No ownership rights in any facilities provided by the Cooperative shall pass to any person as a result of any contribution or deposit made under these rules. No deposits or contributions made by members shall be refundable unless expressly so provided in these rules.
- D. Copies of the Cooperative'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 Cooperative's offices and are available upon request.

#### SECTION II - TERMS AND CONDITIONS OF SERVICE

#### A. Membership and Electric Service

Each applicant for electric service may be required to sign the Cooperative "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.

#### B. Ownership and Responsibility

- 1. Cooperative Owned Facilities The Cooperative will normally install, own, operate and maintain all distribution facilities on the supply side of the point of attachment as shown on the Cooperative's Standard Drawings, including metering equipment. All service entrance conductor wiring from a point of connection to the Cooperative's service line at a location satisfactory to the Cooperative shall be the responsibility of the member. If building modifications hinder access to metering facilities, create a hazardous condition, or cause a violation of code, the member will be responsible for all costs incurred by the Cooperative to correct these conditions.
  - a. Access to Premises The member shall provide at no expense to the Cooperative suitable space with provisions for installation and maintenance of the Cooperative's facilities on the member's premises. Authorized agents of the Cooperative shall have access to the premises at all reasonable times for construction, operation, maintenance, removal or inspection of the Cooperative's facilities, or to inspect the member's facilities or measure the member's load. Authorized employees and agents shall carry identification furnished by the Cooperative and shall display it upon request. Failure to provide access for any of the above reasons may result in termination of service.

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- b. <u>Use of Facilities</u> The Cooperative will not allow use of its poles or other facilities by others for installations or attachments of any kind without written authorization from the Cooperative. This includes, but is not limited to, electrical or communication equipment, lights, signs and fences. The Cooperative assumes no liability for property owned by others attached to its facilities. Unauthorized attachments to Cooperative facilities may be removed by the Cooperative.
- c. Protection The member shall use reasonable diligence to protect the Cooperative's facilities located on the member's premises, and to prevent tampering or interference with such facilities. The Cooperative may discontinue service in accordance with any applicable rules of the Michigan Public Service Commission, in case the meter or wiring on the member'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 Cooperative will continue service only after the member has agreed to pay for the unmetered energy used, pay all costs of discovery and investigation including rewards for discovery, administrative costs, and make provisions and pay charges for an outdoor meter installation or other metering changes as may be required by the Cooperative. 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 Cooperative or Commission. Restoration of service will be made upon receipt of reasonable assurance of the member's compliance with the Cooperative's approved Standard Rules and Regulations.
- 2. Member Owned Facilities The Cooperative reserves the right to deny or terminate service to any member whose wiring or equipment shall constitute a hazard to the Cooperative's equipment or its service to others. However, it disclaims any responsibility to inspect the member'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.
  - a. The member shall be responsible for inadequate performance of such facilities. Before purchasing equipment or installing wiring, it shall be the member's responsibility to check with the Cooperative as to the characteristics of the service available. Any changes required to bring the member's service into compliance with code will be paid for by the member. The Cooperative reserves the right to make reasonable service charges for work performed by the Cooperative personnel resulting from malfunction of the member's facilities.
  - b. The member shall be responsible for notifying the Cooperative of any additions to or changes in the member's equipment which might exceed the capacity of the Cooperative's facilities, or otherwise affect the quality of service. The member 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 electric service. The member shall install and maintain the necessary devices to protect his/her equipment against service interruptions and other disturbances on the Cooperative's system, as well as the necessary devices to protect the Cooperative's facilities against overload caused by the member's equipment. Characteristics and installation of all such equipment or devices shall meet the approval of the Cooperative.

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By: Steven L. Boeckman President and Chief Executive 5

e Officer 5 2002 lested under the authority of the M.P.S.C.

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#### C. Use of Service

Each member shall, as soon as electric service becomes available, purchase from the Cooperative practically all electric energy used on the premises, and shall become liable for all charges incurred in the purchase of said electric energy from the Cooperative. Standby and/or supplemental on-site generation may be utilized only if approved by the Cooperative and properly connected so as to prevent parallel operations with the Cooperative's system.

#### 1. Notice of Intent

a. <u>Application</u> - Prior to use of electric service, each member shall make proper application to the Cooperative, and shall furnish all reasonable information required by the Cooperative. Failure to comply with this requirement may result in refusal by the Cooperative to provide service.

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

b. <u>Termination</u> - Any member desiring termination of service shall so notify the Cooperative a minimum of five (5) working days in advance so the service may be discontinued on a mutually agreeable date. Members 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 Cooperative is obtained.

#### 2. Conditions of Use

The member shall not use the service in any way that causes a safety hazard, endangers the Cooperative's facilities, or disturbs service to other members. Failure to comply with this provision may result in discontinuance of the member's service.

The member shall install only such motors or other apparatus or appliances as are suitable for operation with the character of the service supplied by the Cooperative, and electric energy must not be used in such a manner as to cause detrimental voltage fluctuations or disturbances in the Cooperative's distribution system.

#### 3. Nonstandard Service

Members shall be liable for the cost of any special installation necessary to meet particular requirements for service at other than standard voltages or for the supply of closer voltage regulation than required by standard practice.

The usual supply of electric service shall be subject to the provision of MPSC rules, but where special service-supply conditions or problems arise for which provision is not otherwise made, the Cooperative may modify or adapt its supply terms to meet the peculiar requirements of such case.

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The Cooperative 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 members whose establishments are remote from the Cooperative's existing suitable facilities, or whose service requirements exceed the capabilities of the Cooperative system in the area, or otherwise necessitate unusual investments by the Cooperative in service facilities or where the permanence of the service is questionable.

#### 4. Resale of Electric Energy

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

#### 5. Service to Single Metering Points

Where resale of electric service exists, the Cooperative will be under no obligation to furnish or maintain meters or other facilities for the resale of service by the reselling member to the ultimate user.

Electric service will no longer be granted where connection is made to a single metering point for the purpose of resale to the reselling member'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.

#### 6. Point of Attachment

Where suitable service is available, the Cooperative will install service connections from its distribution lines to a suitable point of attachment on the member's premises designated by the Cooperative. Where the member requests a point of attachment other than that specified by the Cooperative, and such alternative point of attachment is approved by the Cooperative, the cost of installing additional intermediate supports, wires or fixtures necessary to reach the point of attachment requested by the member, shall be borne by the member.

Should it become necessary for any cause beyond the Cooperative's control to change the location of the point of attachment of service connections, the entire cost of any changes in the member's wiring made necessary thereby shall be borne by the member.

A service connection will not be made unless the member has installed his/her service entrance facilities in compliance with code requirements and specifications set forth by the Cooperative.

The member may be required to provide at no expense to the Cooperative space for Cooperative facilities on the member's premises.

For overhead service, the location of the point of attachment must be such that the Cooperative's service conductors can be installed without attachment to the building in any other locations.

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For underground service, the point of attachment may be on the building, meter pedestal, or other agreed point.

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 member shall be required to install a fused disconnect switch on the pole at his/her own expense in accordance with the Cooperative specifications.

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

The Cooperative 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 III, when the member owns the premises and has installed an approved septic tank and well for his/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 Rule III, C, 2.

#### Insulation Requirements for Electric Heating

Any new member, or a conversion member, contemplating installing electric heat as the primary heat source in the home shall install insulation to meet the following minimum R values:

#### Insulation Value

Ceiling	R-35
Sidewalls*	R-11
Floors above unheated areas	R-19
Basement walls (if used as living area)	R-11

Slab construction\*- use 2" rigid foam around the perimeter of the slab and extending down vertically or under the slab horizontally 24".

The above values should be increased depending on locality or the amount of degree days in the area involved.

\* This does not apply to an existing building where it would not be practical to add sidewall insulation.

Failure to meet the insulation requirements will result in refusal to extend service.

#### D. Nature and Quality of Service

The Cooperative will endeavor to, but does not guarantee to furnish a continuous supply of electric energy and to maintain voltage and frequency within reasonable limits.

The Cooperative 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 Cooperative's control, and such causes or conditions shall be deemed to specifically include, but not be limited to, the following: acts or omissions of members or third parties; operation of safety devices,

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except when such operation is caused by the negligence of the Cooperative, absence of an alternate supply of service; failure, malfunction, breakage, necessary repairs or inspection of machinery, facilities or equipment when the Cooperative 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.

The member shall be responsible for giving immediate notice to the Cooperative of interruptions or variations in electric service so that appropriate corrective action can be taken.

The Cooperative 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.

#### Metering and Metering Equipment

The member shall provide, free of expense to the Cooperative and close to the point of service entrance, a space suitable to the Cooperative for the installation of the necessary metering equipment. The member shall permit only authorized agents of the Cooperative or other persons lawfully authorized to do so, to inspect, test or remove the same. If the meters or meter equipment are damaged or destroyed through the neglect of the member, the cost of the necessary repairs or replacements shall be paid by the member.

The Cooperative reserves the right to make final decision with respect to methods and equipment used in measurement of loads for billing purposes.

- Meter Testing All testing of metering equipment will be done by qualified personnel, either Cooperative employees or by independent agents meeting the requirements of both the Cooperative and the Commission. The Cooperative may, at its option, either conduct field tests on the member's premises, or remove metering equipment for shop testing.
  - Routine Tests The Cooperative will, through test procedures established by the Commission, endeavor to maintain its metering equipment within the accuracy limits prescribed by the Commission.
  - b. Tests Requested by Members Tests of individual meters will be made upon request of the member, with payment of a meter test fee in advance of the test. The Cooperative reserves the right to refuse to test any meter upon request more frequently than once in six (6) months. If such test reveals meter registration of more than 102% of that of the test equipment, the charge will be refunded and a billing adjustment made. If meter accuracy is found to be within the plus or minus two percent (2%) accuracy range, the charge will not be refunded and a billing adjustment will not be required. When it appears that there may be sufficient reason to question meter accuracy (for example, a marked increase in metered consumption without a corresponding change in a member's living or working patterns or in the number and kind of appliances or equipment in use on the member's premises), the Cooperative may waive the meter test charge or it may install a second meter, at no charge to the member, to provide check readings.

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- c. <u>Failure to Register</u> When a meter has stopped, or has failed to register all of the energy used, the Cooperative will make a charge to the member for the energy estimated to have been used.
- 2. <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 Cooperative.

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

#### F. Special Charges

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

Special Service Request Charge	
During Regular Working Hours	\$40.00
Outside Regular Working Hours	\$75.00
Account Transfer Charge	\$10.00
Meter Test Charge	\$55.00
Meter Reading Charge	\$20.00
Reconnect /Disconnect Trip Charge	
During Regular Working Hours	\$40.00
Outside Regular Working Hours	\$75.00
Bad Check Handling Charge	\$20.00

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Hook-up fee for all new construction of single and three-phase service, and for the upgrade from single-phase to three-phase service for member-consumer located in St. James and Peaine Townships, Charlevoix County:

> \$ 500 per single-phase meter \$1,500 per three-phase meter

Regular Working Hours are defined as: 7:30 a.m. to 4:00 p.m. Monday thru Friday, except for the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, day after Thanksgiving Day, Christmas Eve Day and Christmas Day. The Cooperative reserves the right to close its office on the Friday preceding or the Monday following a listed holiday that occurs on a Saturday or Sunday.

#### G. Other Conditions of Service

1. Service Disconnect - Service to the member's premises may be disconnected by the Cooperative under the following conditions:

#### At the Member's Request

- (1) <u>Upon Termination</u> The Cooperative will disconnect service with no charge to the member-consumer upon due notice as provided elsewhere in these rules. However, if restoration of service at the same location is requested by the same member-consumer or property owner, 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 (12) month period immediately following disconnect.
- (2) For Repairs The Cooperative will temporarily disconnect service to facilitate repairs or other work on the member-consumer's equipment or premises. Special service charges as set forth in Section II, F, will be applicable.

#### b. At the Cooperative's Option - Commercial and Industrial (Also see Rule II, D)

- (1) With Due Notice The Cooperative may disconnect service upon due notice for any of the following reasons:
  - For violation of these rules and regulations.
  - (b) For failure to fulfill contractual obligations.
  - For failure to provide reasonable access to the member-consumer's premises.
  - For failure to pay any bill within the established collection period.
  - For failure to provide deposits as provided elsewhere in these rules.
  - Upon written notice from governmental inspection authorities of condemnation of the memberconsumers's facilities or premises.

For fraudulent representation as to the use of service.

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- (2) <u>Without Notice</u> The Cooperative reserves the right to disconnect service without notice for any of the following reasons:
  - (a) Where hazardous conditions exist in the member-consumer's facilities.
  - (b) Where the member-consumer's use of service adversely affects the Cooperative's facilities or service to other members.
  - (c) For unauthorized reconnection after disconnection with due notice.
  - (d) For unauthorized use of or tampering with the Cooperative's service or facilities.
- (3) Reconnect After service has been discontinued at the Cooperative's option for any of the above reasons, service will be reconnected only after the member has taken necessary corrective action and made satisfactory arrangement for payment of all fees and charges, including any applicable reconnect fee and deposits to guarantee payment for service.
- 2. <u>Rate Application</u> 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 member, 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.
  - a. <u>Selection of Rates</u> In some cases the member is eligible to take service under any one or two or more rates. Upon request, the Cooperative will advise the member in the selection of the rate which will give him/her the lowest cost of service, based on the information provided to the Cooperative, but the responsibility for the selection of the rate lies with the member.

After the member has selected the rate under which he elects to take service, the member will not be permitted to change from that rate to another rate until at least twelve (12) months have elapsed. Neither will the member be permitted to evade this rule by temporarily terminating service. However, the Cooperative 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.

No refund will be made of the difference in charges under different rates applicable to the same class of service.

b. Apartment Buildings and Multiple Dwellings - An apartment building or multiple dwelling shall be considered as one containing nine or more rooms in which single rooms, suites or groups of rooms have individual cooking and kitchen sink accommodations. Service supplied through a single meter to an apartment building or multiple dwelling containing less than three apartments may be billed on the residential service rates on a single member basis. Service supplied through a single meter to an apartment building or multiple dwelling containing three or more apartments shall be billed in accordance with the following provisions:

(1) <u>Apartment Buildings or Multiple Dwellings Containing Three or Four Apartments</u> - The member may have the option of boung billed under either the Residential Service Rate or the appropriate

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General Service or Commercial and Industrial Service Rate. For the purpose of billing under the Residential Service Rate, the initial charge, the kilowatthour blocks and the minimum charge shall be multiplied by the number of apartments served through one meter.

- (2) <u>Apartment Buildings or Multiple Dwellings Containing Five or More Apartments</u> The member shall be billed under the appropriate General Service or Commercial and Industrial Service Rate.
- (3) "Master Metering" will be limited to existing members.
- c. Homes or Dormitories for Groups Other Than Private Family Units Service supplied through a single meter to rooming houses, dormitories, nurses' homes, and other similarly occupied buildings containing sleeping accommodations for more than six persons shall be classified as commercial and billed on the appropriate service rate.
- d. <u>Farm Service</u> Service shall be available to farms for residential use under Residential Service Rate, and in addition service may be used through the same meter for any purpose as long as such use is confined to single phase service for the culture, processing and handling of products grown or used on the members' farm. Use of service for purposes other than set forth above shall be served and billed on the appropriate General Service Rate.
- Year-Round Service Service to a member at the address shown on his/her driver's license and voter's registration card.
- f. Seasonal Service Service to members other than to year-round member-consumer.

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#### 3. Deposits - Commercial and Industrial

- a. The amount of the deposit will be limited to not more than two (2) times the member's estimated maximum bill.
- b. Interest on deposits will be accrued at the rate of 7% per year and will be payable annually on request or at the time the deposit is returned.
- c. Deposits will be refunded when the member has established a satisfactory payment record with the Cooperative. Payment on time of bills for utility service for two (2) years shall be evidence of satisfactory credit.
- d. The Cooperative may require a new or increased deposit from an existing member when it determines that the member's payment record with the Cooperative has become unsatisfactory.
  - (1) An unsatisfactory payment record is one consisting of two or more late payments in any twelve (12) month period, or one necessitating the discontinuance of energy service.

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- e. Failure to make the required deposit as a condition to receiving service shall constitute grounds for discontinuance of service.
- f. Deposits with accrued interest shall be refunded or credited to the final bill after discontinuance of service.

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#### SECTION III - CONSTRUCTION POLICY

This section of the rules and regulations sets forth the terms and conditions under which the Cooperative will construct and extend its facilities to service new loads and replace, relocate or otherwise modify its facilities.

Except where specifically stated otherwise, service extension policy is based on overhead construction and any financial participation by the members for underground facilities shall be in addition to other charges provided for in these rules.

All applicants for new electric service, with the exception of Outdoor Lighting Service, will be required to deposit in advance of construction a nonrefundable connection charge of \$75.00 for a service connection. This is a one-time service connection charge and successor members will not be required to pay this charge.

Contributions in aid of construction and other deposits made with the Cooperative under the provisions of this section shall be considered nonrefundable except where provisions for refunds are specifically stated.

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.

Each distribution line extension shall be a separate, distinct unit and any further extension therefrom will have no effect upon the agreements under which such extension is constructed.

#### A. Overhead Extension Policy

#### 1. Residential Service

- a. <u>Charges</u> For each permanent, year round dwelling, the Cooperative will provide a single-phase line extension excluding service drop at no additional charge for a distance of 600 feet. For each permanent, seasonal type dwelling, the Cooperative will provide at no extra charge a 200 foot extension from a main line distribution feeder. Distribution line extensions in excess of the above footages will require an advance deposit of \$3.25 per foot for all such excess footage. There will also be a nonrefundable 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.
- b. <u>Measurement</u> The length of any main line distribution feeder extension will be measured along the route of the extension from the Cooperative's nearest facilities from which the extension can be made to the member's property line. The length of any lateral extension on the member's property shall be measured from the member's property line to the service pole. Should the Cooperative for its own reasons choose a longer route, the applicant will not be charged for the additional distance. However, if the member requests special routing of the line, the member will be required to pay the extra cost resulting from the special routing.

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Refunds - During the five (5) year period immediately following the date of payment, the Cooperative 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 \$500.00 for each permanent electric service subsequently connected directly to the facilities financed by the member. Directly connected members 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 member if still receiving service at the same location and will not include any amount of contribution in aid of construction for underground service made under the provisions of the Cooperative's underground service policy as set forth in this section. The total refund shall not exceed the refundable portion of the contribution.

#### Commercial or Industrial Service

- a. Cooperative Financed Extensions Except for contributions in aid of construction for underground service made under the provisions of Section III, B of these rules, the Cooperative will finance the construction cost necessary to extend its facilities to serve commercial or industrial members when such investment does not exceed three (3) times the annual revenue anticipated to be collected from members initially served by the extension.
- b. Charges When the estimated cost of construction of such facilities exceeds the Cooperative'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".
- Refunds 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 Cooperative's underground service policy as set forth in this section. The Cooperative 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 member are sufficient to warrant a greater initial investment by the Cooperative. Such refunds shall be computed as follows:

### (1) Original Member

At the end of the first complete 12-month period immediately following the date of the initial service, the Cooperative will compute a revised initial investment based on three (3) times the actual revenue provided by the original member in the 12-month period. Any amount by which three times the actual annual revenue exceeds the Cooperative's initial investment will be made available for refund to the member; no such refund shall exceed the amount deposited under provisions of Paragraph b above.

(2) Refunds for additional new members directly connected to the financed extensions during the refund period will be governed by Section III, A, 1, c.

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#### 3. 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 Cooperative will install, own, operate and maintain all distribution facilities up to the point of attachment to the member's service equipment subject to the following:

- a. <u>Charges</u> Prior to the commencement of construction, the member shall make a deposit with the Cooperative in the amount of the Cooperative's estimated construction and removal less cost of salvage. Such estimates shall include the cost of extending the Cooperative distribution facilities and of increasing capacity of its existing facilities to serve the member's load.
- b. <u>Refunds</u> At the end of each year the Cooperative will make a refund on the amount deposited from revenues derived from the member 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 revenue, excluding fuel adjustment and sales tax revenues.
- (b) Twenty percent (20%) of the new annual revenue excluding fuel adjustment and 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 revenue for that period, excluding fuel adjustment and sales tax revenues, is equal to or greater than five (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 revenue, excluding fuel adjustment and sales tax revenue, is less than five (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.

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## B. Underground Service Policy

## 1. General

This portion of the rules provides for the extension and/or replacement of underground electric distribution facilities. The general policy of the Cooperative is that real estate developers, property owners or other applicants for underground service shall make a contribution in aid of construction to the Cooperative in an amount equal to the estimated difference in cost between underground and equivalent overhead facilities.

Methods for determining this cost differential for specific classifications of service 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.

The Cooperative, 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:

The developer or owners must provide for recorded easements or rights-of-way acceptable to the Cooperative. The easements are to be coordinated with other utilities and will include easements for streetlighting cable.

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 Cooperative that the easements are graded to within four inches of final grade before the underground distribution facilities are installed.

The developer or owner requesting underground construction must make a nonrefundable contribution to the Cooperative for primary switching cabinets. When a switching cabinet is required exclusively for one member, that member will contribute the actual installed cost of the switching cabinet. When more than one member is served from the switching cabinet, each member's contribution will be the prorated total installed cost of the switching cabinet based on the number of positions required for each member.

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.

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The developer or owner will be responsible for any costs of relocating Cooperative facilities to accommodate changes in grade or other changes after underground equipment is installed, and also be responsible for any damage to Cooperative facilities caused by his/her operations or the operations of his/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 and angered by a change in grade.

An additional amount of \$2.00 per foot *shall* be added to trenching charges for practical difficulties associated with winter construction in the period from December 1 to March 31 inclusive. This charge will not apply to jobs which are ready for construction and for which the construction meeting has been held prior to November 1.

#### 2. Residential Service

These provisions will apply to permanent dwellings. Mobile homes will be considered permanent dwellings when meeting the Cooperative's requirements for permanent installations.

#### a. New Platted Subdivisions

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.

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

The service normally available from the system will be at secondary voltage, single-phase, three wire, 60 Hz, standard 200 amp service. 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 hind lines allation of cable.

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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 Cooperative cables, taps must be extended into 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 Cooperative 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.
- (b) Refunds 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 by multiplying the sum of the lot front footage for all lots in the subdivision by \$3.00, except for those lots served by an underground service from an overhead distribution line under the provision of Section III, B, 2, 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 \$4.00 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 Cooperative 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 Cooperative will refund \$500.00 for each permanent residential member 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) Measurement - 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.

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- (2) <u>Service Laterals</u> The Cooperative 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 200 amp service installation the applicant shall make a nonrefundable contribution in aid of construction in the amount of \$3.00 per trench foot. Additional costs will be charged to the Member for non-standard service installations. The Cooperative may credit a portion of the nonrefundable contribution if the applicant provides a trench for the underground facilities that is deemed acceptable by the Cooperative for installation.
  - (b) <u>Measurement</u> The "trench feet" shall be determined by measuring from the termination of Cooperative facilities at the property line along the route of the trench to a point directly beneath the electric meter.

## b. Other Residential Underground Facilities

At the option of the applicant the Cooperative will provide underground facilities from existing overhead facilities in unplatted areas or in subdivisions where overhead electric distribution facilities have been installed.

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

(a) Charges (In Addition to Those Charges Set Forth in Section III, A, 1. a) - Prior to commencement of construction the applicant shall make a deposit in an amount equal to \$3.00 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 for service on these lots shall be required to make a nonrefundable contribution in aid of construction in the amount of \$3.00 per front foot for all lots owned by the subsequent applicant which can be directly served from the original distribution extension.

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- (b) <u>Refunds</u> The Cooperative will make available for refund to the original depositor from amounts contributed in aid of construction by subsequent applicants as provided in Paragraph a above the amount included in the original deposit to cover the front footage of the lots owned by the subsequent applicant. The total amount refunded shall not exceed the amount of the original deposit, and will be made only to the original depositor. The Cooperative will endeavor to maintain records for such purposes but the depositor is ultimately responsible to duly notify the Cooperative of refunds due; any refund not claimed within five (5) 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 Cooperative'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 Rule III, B, 2, 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 Cooperative 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 for extension of the overhead system to a pole on his/her property where transition from overhead to underground can be made.

<u>Contribution</u> - Prior to commencement of construction, the applicant shall make a contribution in aid of construction in the amount equal to the difference between the estimated overhead construction costs and the underground construction costs, plus a deposit based on the Cooperative'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.

- (3) <u>Service Laterals</u> The Cooperative 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) Contribution 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 \$3.00. When the service lateral is connected to existing overhead facilities, the contribution shall be \$50.00 plus \$3.00 per trench foot. The nonrefundable deposits in this section are for standard 200 amp services. Additional costs will be charged to the Member for non-standard service installations.
  - (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.

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#### Nonresidential Service

Commercial Service - Distribution facilities in the vicinity of new commercial loads and built solely to serve such loads will be placed underground. 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 Cooperative's judgment, any of the following conditions exist:

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

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

Such facilities would serve commercial or industrial members 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.

The Cooperative 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 Cooperative and other utilities where satisfactory agreement for reimbursement exists between the Cooperative and the other utilities.

The service for individual members 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.

In the event the developer, owner, member or tenant requests 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.

The Cooperative will install underground service connections to commercial and industrial members 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:

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 Cooperative for installation of cables on his/her property.

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(1) <u>Contribution</u> - For standard installation of distribution facilities, the applicant 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 \$5.30. for standard 200 amp services. Additional costs will be charged to the Member for non-standard service installations.

Transformers will be charged on an installed basis of \$6.00 per KVA.

Service, as this term is generally understood in the electric utility field (on member's property), is charged on the basis of \$6.00 per trench foot.

- (2) <u>Measurement</u> "Trench length" shall be determined by measuring along the centerline of the trench as follows:
  - (a) <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.
  - (b) <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.
  - (c) <u>Service Laterals</u> shall be measured from the pole or underground secondary terminal to which the service lateral is connected along the route of the lateral trench to the point of connection to the member'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 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.

The Cooperative will furnish, install, own and maintain the entire underground electric distribution system including the pre-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 Cooperative and other utilities where satisfactory agreement for reimbursement exists between the Cooperative and the other utilities.

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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.

This service is limited to mobile home parks in which the service is metered by the Cooperative at secondary voltage.

Cooperative 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 Cooperative, 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/her cables requires digging in the easement.

The park owner must provide for each mobile home lot a meter pedestal of a design acceptable to the Cooperative.

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.

- (1) Contribution The park owner shall be required to make a nonrefundable contribution in aid of construction as follows:
  - (a) <u>Primary and Secondary Extensions</u> An amount equal to the product of the total trench length in feet multiplied by \$5.30.
  - (b) <u>Service Loops or Laterals</u> An amount equal to the product of the total trench length in feet multiplied by \$3.00.
  - (c) Transformers \$6.00 per KVA.
  - (d) Measurement The "trench length" shall be measured the same as for new subdivisions as set forth in Rule III, B, 2, a, (1), (c).

#### 4. Other Conditions

a. Obstacles to Construction

- Where unusual construction costs are incurred by the cooperative 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 Cooperative reserves the right to refuse to place its facilities under road or railroad rights-of-way in sales, where, in the Cooperative's judgment, such construction is impractical.

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- b. Contribution 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 Cooperative'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.
- Replacement of Overhead Facilities 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 Cooperative, such replacement will not be detrimental to the electric service to other members.

Before actual replacement work is performed, the Cooperative will estimate the cost of moving the poles, anchors or other appurtenances and an advance deposit in the amount of the estimate, in addition to a Special Services Request Charge must be received from the firm person or persons requesting such replacement. Upon completion of the replacement work, the Cooperative will determine the actual costs of the replacement, and the firm person or persons requesting the work will be billed or credited for the difference between the advance deposit and the actual cost.

- d. Underground Installations at Cooperative's Discretion Where the Cooperative, at its own discretion, installs its facilities underground, the differential between estimated overhead construction costs and underground costs of such installation will be borne by the Cooperative. All other costs will be governed by the Cooperative's Overhead Extension Policy.
- Underground Extensions on Adjacent Lands 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 equal to the estimated difference in cost between the underground and equivalent overhead facilities. The Cooperative 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 Cooperative's actual construction cost experience.
- Local Ordinances The Cooperative 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.

## C. Miscellaneous General Construction Policy

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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### 1. Easements and Permits

- a. New Residential Subdivisions 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 Cooperative 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 Cooperative for construction, operation, maintenance and protection of its facilities.
- b. Other Easement and Permits Where suitable easements do not exist, the Cooperative 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 Cooperative, 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 Cooperative for rights-of-way and permit fees shall be borne by the applicant(s).

#### 2. Temporary Service

Members desiring temporary service for a short time only, such as for construction jobs, traveling shows, outdoor or indoor entertainments or exhibitions, etc. shall pay the charge per member per month provided in applicable rate schedules. In addition, such member 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 the service connection fee in Section III and the Disconnect Fee established in the Special Charges Section.
- 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 the other than 120/240 volt single-phase service is desired, the charge for installation and removal shall be based on the cost thereof.

The member shall be required to deposit in advance of construction with the Cooperative 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 may justify such modifications.

If service extends for a period in excess of six consecutive months, the member may qualify for another of the Cooperative's available rates, provided he/she meets all of the applicable provisions of the filed tariffs.

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### 3. Moving of Buildings or Equipment

When the Cooperative is requested to assist in the moving of buildings or equipment through, under or over the Cooperative's distribution lines, the Cooperative will require a deposit from the mover in advance of providing such assistance. The amount of the deposit required will be based upon the Cooperative's estimate of the probable cost, but in no event will the required deposit be less than \$100. Upon completion of moving assistance, the Cooperative will determine actual costs and will bill or credit the mover according to the difference between actual costs and the deposit.

## 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.

## 4. Relocation of Facilities

- a. The cooperative 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 Cooperative's poles, anchors or other appurtenances are located within the confines of the public rightof-way, the Cooperative will make the necessary relocation at its own expense with the following 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 Cooperative's facilities.
  - (3) The facilities provide public services such as lighting, traffic signals, etc.

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- c. If the Cooperative's poles, anchors or other appurtenances are located on private property, the political subdivision must agree in advance to reimburse the Cooperative for any expenses involved in relocating its facilities.
- d. When the Cooperative 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 Cooperative.
  - (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 Paragraph III, C,4, c and d above, the Cooperative will estimate the cost of moving the poles, anchors or other appurtenances and an advance deposit, in addition to a Special Services Request Charge, in the amount of the estimate must be received from the firm person or persons requesting such relocation. Upon completion of relocation work, the Cooperative 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.

### 5. Construction Schedules

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

## 6. Design of Facilities

The Cooperative 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 Cooperative at the request of the member, the member may be required to reimburse the Cooperative for such excess costs.

## 7. Billing

For member (s) who fail to take service two (2) months after an extension has been completed to the premises and within the time period requested by the member(s), the Cooperative shall have the right, after said two (2) month period, to commence billing the member under the Cooperative's applicable rates and rules for the type of service requested by the member(s)

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#### SECTION IV - EMERGENCY ELECTRICAL PROCEDURES

## A. General

Emergency electrical procedures may be necessary if there is a shortage in the electrical energy supply to meet the demands of members 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.

Essential health and safety members given special consideration in these procedures shall, insofar as the situation permits, include the following types of members and such other members or types of members 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 firefighting 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.
- "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.

Although these types of members 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 members supplied from two utility sources, only one source will be given special consideration. Other members who, in their opinion, have critical equipment or circumstances, should install emergency battery or portable generating equipment.

The Commission will be promptly advised of the nature, time and duration of all implemented emergency conditions and procedures which affect normal service to members. The Commission may order the implementation of additional procedures or the territorial procedures previously employed when circumstances so require.

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As may be appropriate in accordance with the nature of the occurring or anticipated emergency, the Company will initiate the following procedures.

## B. 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 Cooperative will make every reasonable effort to provide continuous service to essential health and safety members.
- 2. With no substantial generation of its own and being to a great extent dependent on outside sources for energy, the Short-Term, Sudden, Unanticipated Capacity Shortage may result in temporary complete loss of service to the company. However, the Cooperative will make every effort to resume service to essential member-consumer as soon as practicable.

## C. Anticipated or Predictable Short-Term Capacity Shortages in the Company System

In the event an emergency condition of short-term duration is anticipated or predicted which cannot be relieved by sources of generation within or outside the system serving as the cooperative source of energy, 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 Cooperative will be reduced to the largest extent consistent with the maintenance of service.
- 2. Service will be interrupted to loads rendered service under interruptible tariffs.
- 3. Voltage will be reduced not more than six (6%) percent.
  - 4. Voluntary load reductions will be requested of large commercial and industrial member-consumer by procedures established in their respective load management plans.
- 5. Voluntary load reductions will be requested of all other members through appropriate media appeals.

6. Load shedding of firm member loads will be initiated. Service so interrupted shall be of selected distribution circuits throughout the Cooperative area. Such interruptions shall be consistent with the criteria established for essential health and safety members 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 Cooperative service area in an equitable manner.

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### D. Long-Term Capacity or Fuel Shortage

The following actions will be implemented until it is determined by the Cooperative 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 nonessential energy or premises controlled by the cooperative 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.
- 2. Initiate voluntary energy curtailment during hours of maximum system demand of all members by requesting, through mass communication media, voluntary curtailment by all members 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.

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.

## E. Emergency Procedures of Wholesale Suppliers

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

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## **Consumer Standards and Billing Practices** for Electric Residential Service

Please refer to the "Documents Library" section of the Michigan Public Service Commission web site at:

http://www.michigan.gov/mpsc/

Or, directly access the Consumer Standards and Billing Practices for Electric and Gas Residential Service rules (R 460.2101 – 460.2199) at:

http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&Admin\_Num=46000101&Dpt=&R ngHigh=48702110

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## Consumer Standards and Billing Practices for Electric Residential Service

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These sheets have been cancelled and are reserved for future use.

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R 460.3901 Customer deposits.

Rule 901. (1) Both of the following provisions apply to new customer deposits:

- (a) Except as provided in subdivision (b) of this subrule, a utility shall not require a deposit from a new customer as a condition of receiving service. A utility may, with proper notification, require a deposit from a new customer if the customer exhibits an unsatisfactory record of bill payment within the first 6 months after service has commenced. Payment of bills on or before the due date shall constitute a satisfactory record of bill payment.
- (b) A utility may require a deposit for a new customer under any of the following conditions:
  - (i) Service is for short periods or special occasions.
  - (ii) The new customer has an existing bad debt with any company regulated by the commission.
  - (iii) Other business accounts with the customer are experiencing collection activity.
  - (iv) The customer has no established credit rating or an unfavorable credit rating with a credit-reporting agency.
- (2) An existing customer shall be classified as one who has received service for more than a 6-month period. A deposit may be required under any of the following conditions:
  - (a) If a shutoff notice has been issued on 2 or more occasions within the most recent 12-month period.
  - (b) Service has been shut off for nonpayment.

(Continued on Sheet No. 5.73)

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- (c) The customer has tampered with the meter or converted utility electricity to the customer's use.
- (3) A deposit of not more than 3 times an average monthly billing may be required from customers who are subject to deposit provisions. The utility shall provide reasonable terms for the payment of the deposit. If the applicant has sought any form of relief under the federal bankruptcy laws or is brought within the jurisdiction of the bankruptcy court for any reason, or if a receiver is appointed in a state court proceeding, the utility may assess a deposit as allowed by federal bankruptcy law or state law.
- (4) A deposit may be retained by the utility until the customer compiles a record of up to 18 continuous months of bill payment on or before the due date.
- (5) A utility shall pay simple interest to each customer who is required to make a deposit for the time the deposit is held by the utility. The interest rate shall be the rate paid on United States savings bonds, series EE, as of the first business day of the calendar year. Interest need not be paid unless the deposit is held for more than 12 months. Payment of the interest to the customer shall be made annually if requested by the customer. If payment of the interest is not requested, the interest shall be paid at the time the deposit is returned. Interest shall be accrued annually. The deposit shall cease to draw interest on the date the deposit is returned, on the date service is terminated, or on the date that notice that the deposit is no longer required is sent to the customer's last known address.
- (6) If service is terminated or shut off, the utility may apply the deposit, plus accrued interest, to the customer's unpaid balance. If the deposit, plus accrued interest, is more than the unpaid balance, the excess shall be returned to the customer.
  - (7) Each utility shall keep records that show all of the following information:
    - (a) The name and address of each depositor.
    - (b) The amount and date of the deposit.
    - (c) Each transaction concerning the deposit.

(Continued on Sheet No. 5.74)

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- (8) Each utility shall issue a receipt of deposit to each customer from whom a deposit is received and shall provide means by which a depositor may establish a claim if the receipt is lost.
- (9) A record of each unclaimed deposit shall be maintained for not less than 3 years, during which time the utility shall make a reasonable effort to return the deposit.
- (10) Unclaimed deposits, together with accrued interest, shall be credited to an appropriate account and shall be disposed of pursuant to Michigan statutes.
- (11) Deposits for residential customers are governed by the provisions of R 460.2101 et seq.

R460.3902 Customer bill forms for commercial and industrial customers. Rule 902. (1) The utility shall bill each customer as promptly as possible after reading the meter or meters. The bill shall show all of the following information:

(a) The reading or readings of each meter at the beginning and end of the period for which the bill is rendered.

(b) The dates on which each meter was read at the beginning and end of the billing period.

(c) The number and kind of units metered.

- (d) The applicable rate schedule or identification of the applicable rate schedule. If the actual rates are not shown, the bill shall carry a statement to the effect that the applicable rate schedule will be furnished on request.
- (e) The gross amount or net amount of the bill, or both, including any applicable tax shown separately from the net amount.
- (f) The date by which the customer must pay the bill to benefit from any discount or to avoid any penalty.

(g) A distinct marking to identify an estimated bill.

(h) Any conversions from meter reading units to billing units, any calculations to determine billing units from recording or other devices, or

(Continued on Sheet No. 5.75)

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any other factors, such as power supply cost recovery adjustments, used in determining the bill.

- (2) In place of the billing information specified in subrule (1)(h) of this rule, a statement may appear on the bill advising the customer that the information can be obtained by contacting the utility's principal office. Any multiplier used to determine billing units shall be shown when used.
- (3) If the billing period differs from the meter reading cycle and the reading data is calculated from actual metered data, the actual meter reading shall be shown on the bill.
  - (4) Bill forms for residential customers are governed by R 460.2101 et seq.

R460.3903 Denial or shutoff of service to commercial and industrial customers. Rule 903. (1) Service to commercial and industrial customers may be denied or shut off for any of the following reasons:

- (a) Without notice, if a condition on the customer's premises is determined by the utility or a governmental agency to be hazardous.
- (b) Without notice, if a customer uses equipment in a manner that adversely affects the utility's equipment or the utility's service to others.
- (c) Without notice, if the customer tampers with the equipment furnished and owned by the utility.
- (d) Without notice, if unauthorized use of the equipment furnished and owned by the utility occurs, including obtaining the use of equipment by submitting a falsified application.
- (e) For violation of, or noncompliance with, the utility's rules on file with, and approved by, the commission.
- (f) For failure of the customer to fulfill his or her contractual obligations for service or facilities that are subject to regulation by the commission.
- (g) For failure of the customer to permit the utility reasonable access to its equipment.

(Continued on Sheet No. 5.76)

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- (h) For nonpayment of a bill if the utility has made a reasonable attempt to obtain payment.
- (i) For failure of the customer to provide the utility with a deposit as authorized by R 460.3901.
- (2) Except as provided in subrule (1)(a), (b), (c), and (d) of this rule, a utility shall give a customer written notice that if the customer does not settle the account or comply with the rules and regulations of the utility within 10 days of issuance of the notice to the customer, the utility may deny or shut off service.
- (3) At least 1 day before scheduled field action for shutoff, an attempt shall be made to contact the customer by telephone or in person. If contact is not made within 24 hours before the scheduled shutoff, a notice shall be left at the premises in a conspicuous location indicating that service may be shut off the next business day if the bill is not paid.
- (4) If the customer's premises are not occupied for residential purposes, the utility may give the notice required in subrule (3) of this rule by mailing the notice to the customer. The notice shall indicate the date on which service may be shut off, which shall be not less than 4 calendar days after the postmark date.
- (5) Service shall not be shut off on the day preceding a day or days on which the utility does not provide for receiving payments and restoring service, except as provided in subrule (1)(a), (b), (c), and (d) of this rule.

R460.3904 Denial or shutoff of service to commercial and industrial customers; insufficient cause.

Rule 904. (1) The following reasons do not constitute sufficient cause for denial or shutoff of service to a prospective or present commercial or industrial customer:

(a) Delinquency in payment for service by a previous occupant of the premises to be served.

(Continued on Sheet No. 5.77)

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- (b) Failure to pay for items, such as merchandise or appliances, or services that are not approved by the commission as an integral part of the electric service provided by the utility.
- (c) Failure to pay for a different type or class of public utility service.
- (d) Failure to pay the bill of another customer as guarantor.
- (2) A utility shall not shut off service during a reasonable time period given to a customer to pay the amount of a backbilling as provided in R460.3403(12) and R 460.3404(3).

R460.3905 Discounts and late payment charges.

Rule 905. Where provided for in an approved rate schedule for commercial and industrial customers, a utility may grant a discount for prompt payment of a bill for service or may make a late payment charge for failure to make prompt payment. A late payment charge may be applied to the unpaid balance if the bill is not paid in full on or before the due date.

R460.3906 Delivery and payment of bills.

Rule 906. A bill shall be mailed or delivered to the customer not less than 21 days before the due date, unless otherwise approved by the commission. Failure to receive a bill properly rendered by the utility does not extend the net bill period. If the date on which the net bill is due falls on Saturday, Sunday, or a nationally recognized holiday the bill shall be due on the next business day. Customers who mail remittances before midnight of the last day of the net bill period shall receive the benefit of the net bill—the date of mailing to be determined as 2 days before its receipt by the utility.

R460.3907 Transfer of unpaid balance.

Rule 907. In the event of shutoff or termination of service to a non-residential customer, a utility may transfer an unpaid balance to any other nonresidential account of the customer.

(Continued on Sheet No. 5.78)

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Great Lakes Energy Cooperative M.P.S.C. No. 1

Original Sheet No. 5.78

Commercial and Industrial Standards Billing Practices (Non-Residential Customers)

R460.3908 Notice of Shutoff.

Rule 908. Not less than 10 days before the proposed shutoff of service to a commercial or industrial facility that is occupied by more than 5 business entities that are not responsible for payment of the bill, a utility shall make a reasonable attempt to notify each occupant that service may be subject to shutoff after a specified date.

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# REQUIREMENTS FOR OPERATION OF PARALLEL GENERATION FACILITIES

## (COGENERATORS AND SMALL POWER PRODUCERS)

In order to provide for the safety of **member-consumers**, utility personnel, and others, and to assure reliable electric service consistent with the requirements of the Public Utility Regulatory Policies Act of 1978 and the Michigan Public Service Commission's Order in Case No. U-6798, the following requirements are established for connection and/or operation of **member-consumer** generation facilities in parallel with the Cooperatives distribution system:

## Availability

These requirements include all **member-consumer** generation facilities under 100 kW. **Member-consumer** generation facilities of 100 kW and over will be handled on an individual basis.

If the **member-consumer** does not meet all of the requirements listed below the Cooperative may require termination of parallel operation and the **member-consumer** shall be liable for any damages or injury resulting from unauthorized or improper connection and/or operation of the **member-consumer**'s generation facility. These requirements apply to both existing and proposed installations and are subject to change with approval of the Michigan Public Service Commission from time to time.

## Safety and Reliability Requirements

The **member-consumer** shall submit for the Cooperative's review detailed electric diagrams, equipment nameplate data, including the interface device and control system of the **member-consumer**'s power source and a site plan.

(Continued on Sheet No. 5.80)

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## REQUIREMENTS FOR OPERATION OF PARALLEL GENERATION FACILITIES (con't)

The **member-consumer**'s control and protection system and site plan must be acceptable to the Cooperative and in accordance with these safety and reliability standards. This system shall provide for immediate automatic shutdown or separation of the **member-consumer**'s generator and the Cooperative system in the event of momentary or extended loss of power from the Cooperative, including loss of one or more phases if the **member-consumer** is generating three phase power. The shutdown or separation must continue until normal utility service is restored. The shutdown or separation shall occur when frequency, voltage, and or current deviate from normal utility standards. The **member-consumer** shall be liable if the **member-consumer**'s protection system fails to function.

A disconnecting device suitable for use as a protective tag location may be required so as to be accessible and in reasonably close proximity to the billing meter.

The completed installation must meet all local, state and national codes and regulations and is subject to inspection by proper enforcement authorities before commencement of parallel operation. In addition, the Cooperative may, at its discretion, inspect or test the facility at any time.

The **member-consumer** shall advise the Cooperative prior to making any revisions to the **member-consumer**'s generation facility, the control system, or the interface between the two power systems after the installation. Any such revision must be acceptable to the Cooperative.

Should the parallel operation of the **member-consumer**'s generation facility cause interference or adversely affect voltage, frequency, harmonic content or power factor in the Cooperative's system or other **member-consumers**' service, the Cooperative may require disconnection of parallel operation until the condition has been corrected.

(Continued on Sheet No. 5.81)

Issued: March 2, 2004
By Steven L. Boeckman
President and Chief Executive (



Effective for service on and after August 20, 2002.

# REQUIREMENTS FOR OPERATION OF PARALLEL GENERATION FACILITIES

## Reimbursement of Costs

The **member-consumer** shall pay for all costs associated with any addition to or alteration of the Cooperative's equipment required for metering and for the safe and reliable operation of the **member-consumer**'s generating equipment in parallel with the Cooperative's system. The **member-consumer** shall also pay for costs of changes required due to safety or adverse effects on other **member-consumers** and/or on the Cooperative caused by the connection and/or operation of the **member-consumer**'s generation facility.

The Cooperative may require reasonable and adequate insurance coverage by the interconnecting member-consumer and the member-consumer shall provide proof of liability coverage as may be required by the Cooperative.

## Sales to Cooperative

**Member-consumer**s wishing to sell power must arrange to do so with the generation and transmission Cooperative which provides all of the Cooperative's power requirements. Rates for such sales will be subject to the G & T's tariff provisions. **Member-consumers** selling power to the G & T will be charged 1 mill per kWh sold to cover the Cooperative administrative costs.

(Continued on Sheet No. 5.82)

Issued: March 2, 2004
By Steven L. Boeckman
President and Chief Executive



Effective for service on and after August 20, 2002.

## RESIDENTIAL SERVICE RATE (Schedule A)

## **Availability**

Available to member-consumers of the Great Lakes Energy Cooperative for service through one meter to individual principal permanent residential units for all usual residential purposes, subject to the Cooperative's established rules and regulations. The member-consumer shall read the meter and be billed monthly.

Apartment houses, multiple dwelling units, and member-consumers having two or more homes or dwelling units on their premises may take service under this schedule through one meter, except that the number of kilowatt-hours in each step of the rate and minimum charge shall be multiplied by the number of apartments or dwelling units; no credit will be given for unoccupied apartments or dwelling units.

This rate is also available to any member-consumer of the Cooperative for residential service to dwellings which are occupied seasonally, as long as consumption for the prior calendar year exceeded 8,000 kWh.

## Type of Service

Alternating current, 60 Hertz, single-phase, three-wire, at approximately 120/240 volts. Service under this schedule is limited to individual motors not in excess of 3 H.P., nor the total capacity of 10 H.P., unless special arrangements have been made with the Cooperative.

## Monthly Rate

Monthly Charge @ \$12.00 Energy charge @ **\$0.09735** per kWh

## St. James and Peaine Townships Monthly Charge

For member-consumers located in St. James and Peaine Townships, Charlevoix County, an additional \$10.25 per month shall be added to the above Monthly Charge.

## Minimum Charge

The minimum charge under this schedule shall be the monthly charge, except in the case of apartment houses and member-consumers having two or more dwelling units served through one meter (see "Availability"), and except that the minimum charge may be increased, in accordance with the Cooperative's rules and regulations, in those cases in which a greater than average investment is necessary to serve a member-consumer under this schedule.

Issued: **July 16, 2007** By: Steven L. Boeckman

President and Chief Executive Officer

Michigan Public Service Commission

July 17, 2007

Filed

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# RESIDENTIAL SERVICE RATE (Schedule A)

(cont'd)

## Power Supply Cost Recovery Clause and Factor

This rate schedule is subject to the Cooperative's Power Supply Cost Recovery Clause as set forth on Sheet Nos. 25.00 and 25.01.

## Terms of Payment

- A. The rates in Schedule A are net. A one-time late payment charge of two percent of the unpaid balance, net of taxes, will be assessed on any bill which is delinquent. This provision is not applicable to residential member-consumers participating in the Winter Protection Plan set forth in Case No. U-4240.
- B. Monthly bills are due and payable on or before the due date listed on the bill.

## Michigan State Sales Tax

Michigan State Sales Tax shall be added on all bills, including minimums, where applicable.

## Tax Adjustments

- A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other member-consumers from being compelled to share such local taxes.
- B. Bills shall be increased to offset any new or increased specific tax or excise imposed by any governmental authority which increases the Cooperative's cost of providing electric energy.

#### Rules and Regulations

Service is governed by the Cooperative's Standard Rules and Regulations.

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President and Chief Executive Officer

Effective for service on and after August 20, 2002



## ALTERNATIVE RESIDENTIAL SERVICE (Schedule A-S)

## **Availability**

Subject to any restrictions, this rate is available and mandatory for any member-consumer desiring electric service for any usual residential use at a dwelling which is not a principal permanent year-round residence.

This rate is not available for resale purposes or for any nonresidential use. Any member-consumer who receives service under this rate, consuming more than 8,000 kWh during the prior calendar year, may choose to take service under the Cooperative's Schedule A, Residential Service.

## Type of Service

Alternating current, 60 hertz, single-phase, three-wire, at approximately 120/240 volts. Service under this schedule is limited to individual motors not in excess of 3 H.P., nor the total capacity of 10 H.P., unless special arrangements have been made with the Cooperative.

## **Quarterly Rate**

Quarterly Availability Charge @ \$36.00

Energy Charge @ \$0.13859 per kWh

Monthly Rate - For member-consumers with automatic meter reading

Monthly Availability Charge @ \$12.00

Energy Charge @ \$0.13859 per kWh

## St. James and Peaine Townships Additional Availability Charge

For member-consumers located in St. James and Peaine Townships, Charlevoix County, an additional \$10.25 per month (monthly rate) or \$ 30.75 per quarter (quarterly rate) shall be added to the above Availability Charge.

#### Minimum Charge

The minimum charge under this schedule shall be any Availability Charges, payable in advance for member-consumers billed quarterly, except in the case of apartment houses and member-consumers having two or more dwelling units served through one meter, and except that the minimum charge may be increased, in accordance with the Cooperative's rules and regulations, in those cases in which a greater than average investment is necessary to serve a member-consumer under this schedule.

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## ALTERNATIVE RESIDENTIAL SERVICE (Schedule A-S) (cont'd)

## Meter Reading

Member-consumers receiving service under this option may submit a quarterly meter reading. If meter readings are not received by the Cooperative by the last day of the reading month, and the cooperative has a 12-month history of actual usage for the member-consumer, usage may be estimated for billing purposes. If no 12-month history of actual usage exists for the member-consumer, the energy usage will be billed at zero kWh for the reading period. The Cooperative shall read all meters at least once annually for verification and/or energy billing purposes per MPSC Rule 306.

## Power Supply Cost Recovery Clause and Factor

This rate schedule is subject to the Cooperative's Power Supply Cost Recovery Clause as set forth on Sheet Nos. 25.00 and 25.01.

## Terms of Payment

- A. The rates in Schedule A-S are net. A one-time late payment charge of two percent of the unpaid balance, net of taxes, will be assessed on any bill which is delinquent. This provision is not applicable to residential member-consumers participating in the Winter Protection Plan set forth in Case No. U-4240.
- B. Bills are due and payable on or before the due date listed on the bill.

## Tax Adjustments

- A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other member-consumers from being compelled to share such local taxes.
- B. Bills shall be increased to offset any new or increased specific tax or excise imposed by any governmental authority which increases the Cooperative's cost of providing electric energy.

#### Rules and Regulations

Service is governed by the Cooperative's Standard Rules and Regulations.

#### Michigan State Sales Tax

Michigan State Sales Tax shall be added on all bills, including minimums, where applicable.

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President and Chief Executive Officer

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dated September 12, 2006 in Case No. U-14790



## CONTROLLED HEATING (Schedule CH)

## **Availability**

Available to member-**consumers** of the Cooperative already taking monthly service concurrently under Rate Schedules A or GS that do not have permanently installed generation equipment at the service location. This rate is for controlled service to space heating loads, storage domestic water heating loads and associated air conditioning loads which are controlled by the Cooperative. Service is subject to the established rules and regulations of the Cooperative. A Member Service Agreement is required for service under this schedule. The Cooperative may charge the member an amount not to exceed the actual cost of the equipment necessary to provide this service.

## Type of Service

Alternating current, 60 hertz, at approximately 120/240 volts, single-phase, three-wire, separately metered subject to service availability as follows:

## Option No. 1 - Storage Heating

This option is available for 240 volt electric space heating loads with sufficient heat storage capacity to withstand extended daily control of the electric supply. This option is also available to domestic storage water heaters. Domestic storage water heaters must have a minimum storage capacity of 100 gallons and a minimum heating capacity of 4,500 watts. Service under this option is available only between the hours of 11:00 PM to 7:00 AM.

#### Option No. 2 - Dual Fuel Heating

This option is available for 240 volt electric space heating loads when used in conjunction with an alternate fuel heating system. The alternate fuel heating system must be capable of supplying the heating requirements of the member when the electrical supply is controlled. Service under this option is available for all hours except when controlled by the Cooperative. The number of hours when service is controlled shall not exceed 400 hours per heating season or 8 hours per 24 hour period.

## Option No. 3 - Air Conditioning

This option is available for 240 volt air conditioning loads when used in conjunction with one of the two options of controlled space heating load listed above. Service under this option is available for all hours except when controlled by the Cooperative. The number of hours when service is controlled shall not exceed 200 hours per cooling season.

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## CONTROLLED HEATING (Schedule CH) (cont'd

## Monthly Rate

## Energy Charge for Controlled Load

As set forth in Schedule A or GS, whichever is applicable, including the power supply cost recovery provision, discounted at 3¢ per kWh.

## Terms of Payment

This rate schedule is subject to the terms of payment as set forth on the concurrent rate schedule that qualifies the member for service.

### Michigan State Sales Tax

Michigan State Sales Tax shall be added on all bills, including minimums, where applicable.

## Tax Adjustments

- A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other member-consumers from being compelled to share such local taxes.
- B. Bills shall be increased to offset any new or increased specific tax or excise imposed by any governmental authority which increases the Cooperative's cost of providing electric energy.

#### Rules and Regulations

Service is governed by the Cooperative's Standard Rules and Regulations.

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President and Chief Executive Officer

Michigan Public Service Commission

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## PARTIAL CONTROLLED HEATING SERVICES (Schedule PCH)

## **Availability**

Available to member-**consumers** taking monthly service concurrently under Rate Schedules A or GS that do not have permanently installed generation equipment at the service location. This rate is for controlled service to standard 240 volt electric space heating loads, as determined by the Cooperative, which are controlled by the Cooperative where the amount of control exercised by the Cooperative is limited as described below.

## Type of Service

Single-phase, alternating current, 60 hertz, three-wire, at approximately 120/240 volts. Service under this schedule will be available at all times except when controlled by the Cooperative during times of peak system demand or system emergencies. The total number of hours that this load will be controlled shall be limited to a maximum of 400 hours per heating season. Air conditioning, which is used in conjunction with controlled space heating, is eligible for service under this rate, subject to interruption, up to 200 hours per cooling season. In instances where the entire electric heating load is under the control of the Cooperative, the control period is limited to a maximum of 40 minutes out of each hour for a maximum of 6 hours per day. To qualify for service under this rate, the portion of the member-consumer's load subject to control must be either separately metered or sub-metered off the master meter.

## Monthly Rate

## **Energy Charge for Controlled Load**

As set forth in Schedule A or GS, whichever is applicable, including the power supply cost recovery provision, discounted @  $1.5\phi$  per kWh

#### Tax Adjustments

- A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other member-consumers from being compelled to share such local increases.
- B. Bills shall be increased to offset any new or increased specific tax or excise imposed by any governmental authority which increases the Company's cost of providing electric service.

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## PARTIAL CONTROLLED HEATING SERVICES (Schedule PCH – cont'd)

## **Terms of Payment**

This rate schedule is subject to the terms of payment as set forth on the concurrent rate schedule that qualifies the member for this service.

## Rules and Regulations

Service is governed by the Company's Standard Rules and Regulations.

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## CONTROLLED WATER HEATER SERVICE (Schedule CWH)

#### Availability

Available to member-**consumers** of the Cooperative already taking monthly service concurrently under Rate Schedules A or GS (single-phase service), who desire controlled water heating service and do not have permanently installed generation equipment at the service location. Energy will be metered through the regular service meter. The member-consumer may choose from the three service options as described below. To qualify for this rate, the sole source of water heating must be electricity. The minimum period of service is for one year and requires a signed agreement with the Cooperative. Service is subject to the Cooperative's rules and regulations. This service option is not available to member-consumers using time clocks, remote control or other devices intended to prevent the load from adding to system peak demand.

#### Type of Service

Alternating current, 60 hertz, at approximately 240 volts, single-phase, three-wire service will be controlled by Cooperative's Load Management System.

#### Hours of Service

Option No. 1: For member-consumers choosing Option No. 1, control of service shall not exceed 3 hours per day. Member-consumers choosing this option must have water heaters with a tank capacity of 30 gallons or more.

Option No. 2: For member-consumers choosing Option No. 2, control of service shall not exceed 4 hours per day. Member-consumers choosing this option must have water heaters with a tank capacity of 50 gallons or more.

Option No. 3: For member-consumers choosing Option No. 3, control of service shall not exceed 6 hours per day. Member-consumers choosing this option must have water heaters with a tank capacity of 80 gallons or more.

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## CONTROLLED WATER HEATER SERVICE (Schedule CWH – cont'd)

#### Monthly Rate

For member-consumers choosing Option No. 1, a credit of \$4.50 per month will be applied to the bills of member-consumers who permit the Cooperative to install a remote control device on the member's water heater. No such credit will be allowed until such time as it has been certified to the Commission that the required load management equipment is operational. The member-consumer must use a minimum of 350 kWh per month per water heater before a water heater credit will be given.

For member-consumers choosing Option No. 2, a credit of \$6.00 per month will be applied to the bills of member-consumers who permit the Cooperative to install a remote control device on the member's water heater. The member-consumer must use a minimum of 350 kWh per month per water heater before a water heater credit will be given.

For member-consumers choosing Option No. 3, a credit of \$7.50 per month will be applied to the bills of member-consumers who permit the Cooperative to install a remote control device on the member's water heater. The member-consumer must use a minimum of 350 kWh per month per water heater before a water heater credit will be given.

Energy will be charged the appropriate rate per kWh as specified on Sheet No. 10.00 in conjunction with Schedule A or Sheet No. 16.00 in conjunction with Schedule GS, including applicable Power Supply Cost Recovery adjustments and taxes. The applicable credit is available on a per meter basis such that only one credit per meter will be allowed regardless of the number of water heaters registering on a single meter.

#### Tax Adjustments

- A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other member-consumers from being compelled to share such local taxes.
- B. Bills shall be increased to offset any new or increased specific tax or excise imposed by any governmental authority which increases the Cooperative's cost of providing electric energy.

#### Rules and Regulations

Service is governed by the Cooperative's Standard Rules and Regulations.

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## OUTDOOR LIGHTING SERVICE (Schedule OL)

#### **Availability**

Available to all member-consumers of the Cooperative for outdoor protective lighting service on premises on which the member-consumer is already taking service from the Cooperative under another rate schedule.

Also, available to municipalities, political subdivisions and others for public street lighting with the provision that such users become member-consumers of the Cooperative.

#### Hours of Service

Dusk to dawn, controlled by photo-sensitive devices, every night and all night for approximately 4,200 hours per year.

#### Type of Service

The Cooperative will supply the energy and will own, operate and maintain the lighting fixtures. Burned out lamps must be reported by the member-consumer, and the Cooperative will undertake to replace the lamps as soon as possible during regular working hours. Broken lamps or damage to fixtures by accident or vandalism will be repaired at the member-consumer's expense. The Cooperative shall replace or repair, at its cost, streetlight equipment that is out of service.

If, for some reason, the Cooperative is not able to make such restoration within three working days from the day the outage is first reported to the Cooperative, the Cooperative shall make pro rata deductions in the member-consumer's billing for service under this rate schedule. Such pro rata rate reductions will begin three working days after such outage is reported to the Cooperative.

Outages caused by factors beyond the Cooperative's reasonable control as provided for in Section II-D, Nature and Quality of Service, and Section IV, Emergency Electrical Procedures, of the Cooperative's Electric Rate Schedules are not covered by this policy. Such outages would be handled consistent with the particular circumstances and no proration would be made for such outages.

#### Monthly Rate

Nominal Rating	
175 Watts MV*	\$10.60
250 Watts MV*	\$13.70
400 Watts MV*	\$19.40
100 Watts HPS	\$ 8.10
150 Watts HPS	\$10.00
250 Watts HPS	\$13.70
400 Watts HPS	\$19.40

<sup>\*</sup>Mercury Vapor Lights are only available at existing installations

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## OUTDOOR LIGHTING SERVICE (Schedule OL – cont'd)

An additional charge of \$0.30 per month per fixture will be made for fixtures suspended between poles.

#### Quarterly Rate For Member-Consumers Billed Quarterly Under Schedule A-S

The quarterly rate shall be three times the monthly rate. Member-consumers selecting this rate shall be billed for such service in advance during each billing period.

#### **Additional Charges**

The above rates are based upon bracket mounted fixtures attached to existing poles owned by the Cooperative. If it is necessary to install a pole and/or other equipment, the cost of labor and material for the additional installation will be charged directly to the member-consumer.

#### Terms of Payment

In the event the current bill is not paid on or before the due date, a delayed payment charge of 2% will be added to the bill.

#### Sales Tax

Michigan State Sales Tax shall be added to all bills, including minimums, whenever applicable.

#### Power Supply Cost Recovery Clause and Factor

1-W/h

This rate schedule is subject to the Cooperative's Power Supply Cost Recovery Clause as set forth on Sheet Nos. 25.00 and 25.01. For purposes of this adjustment, the following monthly energy usage is assumed:

	K VV II
175 Watts MV*	75
250 Watts MV*	100
400 Watts MV*	163
100 Watts HPS	40
150 Watts HPS	60
250 Watts HPS	100
400 Watts HPS	163

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President and Chief Executive Officer

Michigan Public Service
Commission

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## OUTDOOR LIGHTING SERVICE (Schedule OL – con't)

#### Rules and Regulations

Service is governed by the Cooperative's Standard Rules and Regulations.

#### **Special Terms and Conditions**

Initial minimum term for each installation shall be for 24 consecutive months. The Cooperative is not required to change the type of service (from one lamp size to another) during said 24 month period. When more than one new pole and one span of new secondary facilities are required, or where the member-consumer desires other than standard wood poles, underground wiring or other special equipment not covered herein, the Cooperative, at its option, may provide such facilities. The cost to provide additional facilities will be charged to the member-consumer in advance of construction. Lamps requiring service under this rate schedule will comply with applicable Michigan Department of Transportation Regulations. The Cooperative may require a contract which may include, among other things, provisions as to term or duration of the contract, termination charges, contributions in aid of construction, annual charges, or other special consideration when the member-consumer requests service, equipment or facilities not normally provided under this rate schedule.

#### Tax Adjustments

- A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other member-consumers from being compelled to share such local taxes.
- B. Bills shall be increased to offset any new or increased specific tax or excise imposed by any governmental authority which increases the Cooperative's cost of providing electric energy.

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President and Chief Executive Officer

Michigan Public Service
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#### GENERAL SERVICE (Schedule GS)

#### **Availability**

Available to member-consumers of Great Lakes Energy Cooperative for all uses subject to the established Rules and Regulations of the Cooperative, when Maximum Demand is less than 200 kW. The Maximum Demand shall be based on the **m**ember-consumer's average kW load during the 15-minute period of maximum use during the billing month.

#### Nature of Service

Single or three-phase, 60 hz service at available secondary voltages. The nature and level of the service voltage shall be determined in each case by the Cooperative.

Individual motors having a rated capacity in excess of 10 hp must be three-phase unless special arrangements have been made with the Cooperative.

#### Monthly Rate

Monthly Charge:

Single Phase: \$18.00

Three Phase: **\$38.00** 

Energy Charge \$0.0960 per kWh

#### Minimum Charge

The Minimum Charge shall be the Monthly Charge as stated in the Monthly Rate above.

#### Conditions for Service from this Schedule

Available to **m**ember-consumers of Great Lakes Energy Cooperative for all uses subject to the established Rules and Regulations of the Cooperative, when, over the last 12 months, the Maximum Demand has not exceeded 200 kW.

#### St. James and Peaine Townships Monthly Charge

For member-consumers located in St. James and Peaine Townships, Charlevoix County, an additional \$10.25 per month shall be added to the above Monthly Charge.

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President and Chief Executive Officer

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## GENERAL SERVICE (Schedule GS - con't)

#### Power Supply Cost Recovery Clause and Factor:

This rate schedule is subject to the Cooperative's Power Supply Cost Recovery Clause as set forth on Sheet Nos. 25.00 and 25.01.

#### Terms of Payment:

A one-time late payment charge of 5% of the unpaid balance, excluding sales tax, will be assessed on any bill not paid by the due date.

#### Sales Tax:

Michigan State Sales Tax will be added to all billings whenever applicable.

#### Tax Adjustments:

- A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other member-consumers from being compelled to share such local taxes.
- B. Bills shall be increased to offset any new or increased specific tax or excise imposed by any governmental authority which increases the Cooperative's cost of providing electric energy.

#### Rules and Regulations:

Service is governed by the Cooperative's Standard Rules and Regulations.

By: Steven L. Boeckman

President and Chief Executive Officer

| Steven L. Boeckman | Steven

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Nov 05 2002 Shated August 20, 2002 in Case No. U-13163

## LARGE POWER SERVICE (Schedule LP)

#### **Availability**

Available for commercial and industrial members that desire secondary voltage service for general use where the Maximum Demand is 15 kW or more.

Subject to the Rules and Regulations of the Cooperative and its *Retail Access Service Tariff*, this schedule is also available to member-consumers for delivery of power from the Point of Distribution Receipt to the Point of Distribution Delivery and is subject to the following conditions:

- 1. The member-consumer must have a Maximum Demand of at least 50 kW. Individual member-consumers receiving demand metered service at multiple metering points and eligible to be taking service under the Cooperative's Schedule LP or Schedule C-APM may achieve the 50 kW Maximum Demand threshold by aggregating or summing the Maximum Demands for each metering point occurring during a single month. The applicable rate schedule will apply to all aggregated metering points on an individual account basis. No more than 30% of the total number of member-consumers between 50 kW and 199 kW may be eligible for service under this tariff.
- 2. The member-consumer must enter a Retail Access Service Agreement with the Cooperative.
- 3. The transmission of power to the Distribution Point of Receipt and all related costs shall be the responsibility of the member-consumer and/or Alternative Electric Supplier (AES).
- 4. The member-consumer must agree to purchase any default energy delivered pursuant to Schedule RASS-Retail Access Standby Service in addition to the service specified herein.

#### Nature of Service

Single or three-phase, 60 hz service. The nature and level of the service voltage shall be determined in each case by the Cooperative.

#### Monthly Rate

#### **Distribution Service**

Monthly Charge: \$80.00

**Distribution** Demand Charge:

Maximum: \$1.39/kW for all kW plus

**Distribution Variable Charge:** \$.01588/kWh for all kWh plus

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## LARGE POWER SERVICE (Schedule LP)

PSDF Charge: \$0.00539/kWh

**Power Supply Service** (not applicable to Retail Access Service)

Demand Charge: \$5.61/kW for all kW plus

Energy Charge: \$0.04392/kWh for all kWh

Reactive Charge: \$0.2975/kvar

#### Minimum Charge

The Minimum Charge shall be the Monthly Charge as stated in the Monthly Rate above except that the minimum charge may be increased, in accordance with the Cooperative's rules and regulations, in those cases in which a greater than average investment is necessary to serve a member-consumer under this schedule.

For retail access customers, the Minimum Charge shall be the Monthly Charge plus 50 kW times the maximum Demand Charge, including the same conditions as stated in the above paragraph.

#### **Billing Demand**

The Maximum Demand shall be based on the Member's average kW load during the 15-minute period of maximum use during the billing month. For retail access customers, the Maximum Demand shall be the highest 15-minute integrated demand created during the current and previous 11 billing months at each voltage level, whether the member-consumer received service under this tariff or another Cooperative retail tariff. The Cooperative reserves the right to make special determination of the billing demand and/or minimum charge should circumstances require.

#### Reactive Charge

The Reactive Charge for the month shall be the maximum hourly kvar load (leading or lagging) during the billing month. The Cooperative reserves the option to apply Reactive Charges where determined appropriate.

Issued: October 11, 2006 By: Steven L. Boeckman

President and Chief Executive Officer

October 12, 2006
Itive Officer

Michigan Public Service Commission

October 23, 2006

Issued under the authority of the M.P.S.C. dated September 12, 2006 in Case No. U-14790

Effective for **bills rendered** on and after

## LARGE POWER SERVICE (Schedule LP)

#### Conditions for Service from this Schedule

Available for commercial and industrial members that desire secondary voltage service for general use where the Maximum Demand is 15 kW or more.

Service at primary voltage is rendered when the Cooperative delivers power at standard distribution system voltages and the member-consumer provides, installs, and maintains all necessary transforming, controlling and protective equipment.

This load will be separately metered with a recording watt-hour demand meter that uses electronic memory for recording data.

#### St. James and Peaine Townships Monthly Charge

For member-consumers located in St. James and Peaine Townships, Charlevoix County, an additional \$10.25 per month shall be added to the above Monthly Charge.

#### Power Supply Cost Recovery Clause and Factor

This rate schedule is subject to the Cooperative's Power Supply Cost Recovery Clause as set forth on Sheet Nos. 25.00 and 25.01, except for retail access customers.

#### **Power Supply Development Fund**

In accordance with Federal Energy Regulatory Commission Order in Docket Nos. ER04-132 and ER04-38, the Cooperative is required to pay its power supplier a Power Supply Development Fund (PSDF) Charge for the limited purpose of providing necessary cash reserves to allow the funding of future power supply options. Such future power supply options are to be available to a member-consumer which returns to the Cooperative's Full Requirements Service as described in Section 2.6 of the Cooperative's Retail Access Service Tariff, Original Sheet No. 28.09. To ensure that any PSDF funds collected through rates but ultimately unused for the limited purpose are returned to the member-consumer in a timely fashion, all such unused funds shall be returned to the member-consumer in the form of a capital credit retirement, which will be accomplished within twelve months of the date unused PSDF funds are received by the Cooperative from the Cooperative's power supplier. In such event, the capital credit retirement shall be sufficient to return all PSDF charges paid by the member-consumer.

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#### LARGE POWER SERVICE (Schedule LP) (cont'd)

#### Terms of Payment

A one-time late payment charge of 5% of the unpaid balance, excluding sales tax, will be assessed on any bill not paid by the due date.

The Cooperative will not collect any monies on behalf of any alternate power supplier, retailer, or other third party without a written agreement between the Cooperative, the member-consumer, and the third party.

#### **Third Party Disputes**

The Cooperative has no obligation or duty to intervene, mediate or participate in contractual disputes between the member-consumer and its AES Supplier or third parties. Further, the Cooperative will not shut off service or otherwise enforce any provision of a contract between the member-consumer and any third party.

#### Tax Adjustments

- A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other member-consumers from being compelled to share such local taxes.
- B. Bills shall be increased to offset any new or increased specific tax or excise imposed by any governmental authority which increases the Cooperative's cost of providing electric energy.

#### Primary Service and Metering

When the Cooperative elects to meter the service on the primary side of the distribution transformer(s), 3% will be deducted from the Demand and Energy measurements for billing purposes.

Subject to the terms and conditions of the Retail Access Service Tariff, the member-consumer shall be responsible for any associated communication systems such as telephone lines or other related equipment between the Cooperative, the member-consumer, and the third party.

#### Rules and Regulations

Service is governed by the Cooperative's Standard Rules and Regulations and the Cooperative's Retail Access Service Tariff.

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President and Chief Executive Officer

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#### SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS AUTOMATED POWER MONITORING

#### **Availability**

Available for commercial and industrial members that desire secondary voltage service for general use where the Maximum Demand is 15 kW or more.

Subject to the Rules and Regulations of the Cooperative and its Retail Access Service Tariff, this schedule is available to member-consumers for delivery of power from the Point of Distribution Receipt to the Point of Distribution Delivery and is subject to the following conditions:

- 1. The member-consumer must have a Maximum Demand of at least 50 kW. Individual member-consumers receiving demand metered service at multiple metering points and eligible to be taking service under the Cooperative's Schedule LP or Schedule C-APM may achieve the 50 kW Maximum Demand threshold by aggregating or summing the Maximum Demands for each metering point occurring during a single month. The applicable rate schedule will apply to all aggregated metering points on an individual account basis. No more than 30% of the total number of member-consumers between 50 kW and 199 kW may be eligible for service under this tariff.
- 2. The member-consumer must enter a Retail Access Service Agreement with the Cooperative.
- 3. The transmission of power to the Distribution Point of Receipt and all related costs shall be the responsibility of the member-consumer and/or Alternative Electric Supplier (AES).
- 4. The member-consumer must agree to purchase any default energy delivered pursuant to Schedule RASS-Retail Access Standby Service.

#### Nature of Service

Single or three-phase, 60 hz service. The nature and level of the service voltage shall be determined in each case by the Cooperative.

The service will be electronically metered with capabilities for monitoring and reporting demand, energy, voltage levels, and power interruptions.

Service at primary voltage is rendered when the Cooperative delivers power at standard distribution system voltages and the member-consumer provides, installs, and maintains all necessary transforming, controlling and protective equipment.

Issued: October 11, 2006 By: Steven L. Boeckman

President and Chief Executive Officer

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#### SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS AUTOMATED POWER MONITORING (cont'd)

#### Monthly Rate

#### **Distribution Service**

Monthly Charge: \$80.00

**Distribution** Demand Charge:

Maximum: \$6.04/kW for all kW plus

**Distribution Variable** Charge: \$0.00071/kWh for all kWh plus

PSDF Charge: \$0.00539kWh

Power Supply Service (not applicable to Retail Access Service)

Demand Charge: \$5.61/kW for all kW plus

Energy Charge: \$0.04392/kWh for all kWh

Reactive Charge: \$0.2975/kvar

#### Minimum Charge

The Minimum Charge shall be the Monthly Charge as stated in the Monthly Rate above except that the minimum charge may be increased, in accordance with the Cooperative's rules and regulations, in those cases in which a greater than average investment is necessary to serve a member-consumer under this schedule.

For retail access customers, the Minimum Charge shall be the Monthly Charge plus 50 kW times the Maximum Demand Charge including the same conditions as stated in the above paragraph.

#### **Billing Demand**

The Maximum Demand shall be based on the member-consumer's average kW load during the 15-minute period of maximum use during the billing month. For retail access customers, the Maximum Demand shall be the highest 15-minute integrated demand created during the current and previous 11 billing months at each voltage level, whether the member-consumer received service under this tariff or another Cooperative retail tariff. The Cooperative reserves the right to make special determination of the billing demand and/or minimum charge should circumstances require.

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#### SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS AUTOMATED POWER MONITORING (cont'd)

#### Reactive Charge

The Reactive Charge for the month shall be the maximum hourly kvar load (leading or lagging) during the billing month. The Cooperative reserves the option to apply Reactive Charges where determined appropriate.

#### Conditions for Service from this Schedule

Available for commercial and industrial members that desire secondary voltage service for general use where the Maximum Demand is 15 kW or more.

This load will be separately metered with a recording watt-hour demand meter that uses electronic memory for recording data. The Member must provide a dedicated (non-shared) phone service to the metering location.

#### Power Supply Cost Recovery Clause and Factor

This rate schedule is subject to the Cooperative's Power Supply Cost Recovery Clause as set forth on Sheet Nos. 25.00 and 25.01, **except for all retail access customers**.

#### **Power Supply Development Fund**

In accordance with Federal Energy Regulatory Commission Order in Docket Nos. ER04-132 and ER04-38, the Cooperative is required to pay its power supplier a Power Supply Development Fund (PSDF) Charge for the limited purpose of providing necessary cash reserves to allow the funding of future power supply options. Such future power supply options are to be available to a member-consumer which returns to the Cooperative's Full Requirements Service as described in Section 2.6 of the Cooperative's Retail Access Service Tariff, Original Sheet No. 28.09. To ensure that any PSDF funds collected through rates but ultimately unused for the limited purpose are returned to the member-consumer in a timely fashion, all such unused funds shall be returned to the member-consumer in the form of a capital credit retirement, which will be accomplished within twelve months of the date unused PSDF funds are received by the Cooperative from the Cooperative's power supplier. In such event, the capital credit retirement shall be sufficient to return all PSDF charges paid by the member-consumer.

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President and Chief Executive Officer

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#### SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS AUTOMATED POWER MONITORING (cont'd)

#### Terms of Payment

A one-time late payment charge of 5% of the unpaid balance, excluding sales tax, will be assessed on any bill not paid by the due date.

For retail access customers, the Cooperative will not collect any monies on behalf of any alternate power supplier, retailer, or other third party without a written agreement between the Cooperative, the member-consumer, and the third party.

#### **Third Party Disputes**

The Cooperative has no obligation or duty to intervene, mediate or participate in contractual disputes between the member-consumer and its AES Supplier or third parties. Further, the Cooperative will not shut off service or otherwise enforce any provision of a contract between the member-consumer and any third party.

#### Tax Adjustments

- A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other member-consumers from being compelled to share such local taxes.
- B. Bills shall be increased to offset any new or increased specific tax or excise imposed by any governmental authority which increases the Cooperative's cost of providing electric **service**.

#### Primary Service and Metering

When the Cooperative elects to meter the service on the primary side of the distribution transformer(s), 3% will be deducted from the Demand, Reactive and Energy measurements for billing purposes.

Subject to the terms and conditions of the Retail Access Service Tariff, the member-consumer shall be responsible for any associated communication systems such as telephone lines or other related equipment between the Cooperative, the member-consumer, and the third party.

#### Rules and Regulations

Service is governed by the Cooperative's Standard Rules and Regulations and the Cooperative's Retail Access Service Tariff.

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#### D-APM

#### SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS AUTOMATED POWER MONITORING

#### Availability

Available for commercial and industrial members that desire primary voltage service for general use where the maximum demand is 200 kW or more.

Subject to the Rules and Regulations of the Cooperative and its Retail Access Service Tariff, this schedule is available to member-consumers for delivery of power from the Point of Distribution Receipt to the Point of Distribution Delivery and is subject to the following conditions:

- 1. The member-consumer must have a Maximum Demand of at least 200 kW. Individual member-consumers receiving demand metered service at multiple metering points and eligible to be taking service under the Cooperative's Schedule LP or Schedule C-APM may achieve the 200 kW Maximum Demand threshold by aggregating or summing the Maximum Demands for each metering point occurring during a single month. The applicable rate schedule will apply to all aggregated metering points on an individual account basis.
- 2. The member-consumer must enter a Retail Access Service Agreement with the Cooperative.
- 3. The transmission of power to the Distribution Point of Receipt and all related costs shall be the responsibility of the member-consumer and/or Alternative Electric Supplier (AES).
- 4. The member-consumer must agree to purchase any default energy delivered pursuant to Schedule RASS-Retail Access Standby Service.

#### Nature of Service

Primary three-phase 60 hz service. The nature and level of the service voltage shall be determined in each case by the Cooperative.

Where service is supplied at a nominal voltage of 25,000 volts or less, the member-consumer shall furnish, install and maintain all necessary transforming, controlling and protective equipment.

Where the Cooperative elects to measure the service at a nominal voltage of less than 2,400 volts, 3% shall be added to the Demand, Energy and Reactive quantities for billing purposes.

Subject to the terms and conditions of the Retail Access Service Tariff, the member-consumer shall be responsible for any associated communication systems such as telephone lines or other related equipment between the Cooperative, the member-consumer, and the third party.

The service will be electronically metered with capabilities for monitoring and reporting demand, energy, voltage levels, and power interruptions.

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First Revised Sheet No. 19.01 Cancels Original Sheet No. 19.01

#### D-APM

#### SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS AUTOMATED POWER MONITORING (cont'd)

Service at primary voltage is rendered when the Cooperative delivers power at standard distribution system voltages and the member-consumer provides, installs, and maintains all necessary transforming, controlling and protective equipment.

#### Monthly Rate

#### **Distribution Service**

Monthly Charge: \$390

**Distribution** Demand Charge:

Maximum: \$2.50/kW for all kW plus

**Distribution Variable** Charge: \$0.00076/kWh

PSDF Charge: \$0.00515/kWh for all kWh

**Power Supply Service** (not applicable to Retail Access Service)

**Demand Charge:** 

System Coincident \$7.37/kW for all kW

Energy Charge: \$0.04205/kWh for all kWh

Reactive Charge: \$0.2575/kvar

#### Minimum Charges

The Minimum Charge shall be the Monthly Charge plus 200 kW times the maximum demand charge, plus 200 kW times the system coincident charge (system coincident not included for retail access customers) as stated in the Monthly Rate above except that the minimum charge may be increased, in accordance with the Cooperative's rules and regulations, in those cases in which a greater than average investment is necessary to serve a member-consumer under this schedule.

#### **Billing Demands**

The maximum **d**emand shall be based on the **m**ember's average kW load during the 15-minute period of maximum use during the billing month. The System Coincident Demand shall be based on the **m**ember's contribution to the highest hourly (clock hour) **c**oincidental system peak demand of Wolverine Power Supply Cooperative, Inc. for the month. The Cooperative reserves the right to make special determination of the billing demand and/or minimum charge should circumstances require.

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First Revised Sheet No. 19.02 Cancels Original Sheet No. 19.02

#### D-APM

#### SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS AUTOMATED POWER MONITORING (cont'd)

For retail access customers, the Maximum Demand shall be the highest 15-minute integrated demand created during the current and previous 11 billing months at each voltage level, whether the member-consumer received service under this tariff or another Cooperative retail tariff.

#### Reactive Charge

The Reactive Charge for the month shall be the maximum hourly kvar load (leading or lagging) during the billing month.

#### Conditions for Service from this Schedule

Available for commercial and industrial members that desire primary voltage service for general use where the maximum demand is 200 kW or more. This load will be separately metered with a recording watt-hour demand meter that uses electronic memory for recording data. The Member must provide a dedicated phone service (non-shared) to the metering location.

#### Power Supply Cost Recovery Clause and Factor

This rate schedule is subject to the Cooperative's Power Supply Cost Recovery Clause as set forth on Sheet Nos. 25.00 and 25.01, **except for retail access customers**.

#### **Power Supply Development Fund**

In accordance with Federal Energy Regulatory Commission Order in Docket Nos. ER04-132 and ER04-38, the Cooperative is required to pay its power supplier a Power Supply Development Fund (PSDF) Charge for the limited purpose of providing necessary cash reserves to allow the funding of future power supply options. Such future power supply options are to be available to a member-consumer which returns to the Cooperative's Full Requirements Service as described in Section 2.6 of the Cooperative's Retail Access Service Tariff, Original Sheet No. 28.09. To ensure that any PSDF funds collected through rates but ultimately unused for the limited purpose are returned to the member-consumer in a timely fashion, all such unused funds shall be returned to the member-consumer in the form of a capital credit retirement, which will be accomplished within twelve months of the date unused PSDF funds are received by the Cooperative from the Cooperative's power supplier. In such event, the capital credit retirement shall be sufficient to return all PSDF charges paid by the member-consumer.

#### Terms of Payment

A one-time late payment charge of 5% of the unpaid balance, excluding sales tax, will be assessed on any bill not paid by the due date.

Issued: **October 11, 2006**By: Steven L. Boeckman
President and Chief Executive Officer

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#### D-APM

#### SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS AUTOMATED POWER MONITORING (cont'd)

For retail access customers, the Cooperative will not collect any monies on behalf of any alternate power supplier, retailer, or other third party without a written agreement between the Cooperative, the member-consumer, and the third party.

#### **Third Party Disputes**

The Cooperative has no obligation or duty to intervene, mediate or participate in contractual disputes between the member-consumer and its AES Supplier or third parties. Further, the Cooperative will not shut off service or otherwise enforce any provision of a contract between the member-consumer and any third party.

#### Tax Adjustments

- A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other member-consumers from being compelled to share such local taxes.
- B. Bills shall be increased to offset any new or increased specific tax or excise imposed by any governmental authority which increases the Cooperative's cost of providing electric **service**.

#### Rules and Regulations

Service is governed by the Cooperative's Standard Rules and Regulations and the Cooperative's Retail Access Service Tariff.

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President and Chief Executive Officer

Michigan Public Service
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#### F-INT-APM

## INTERRUPTIBLE SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS AUTOMATED POWER MONITORING

#### **Availability**

Available for commercial and industrial member-consumers that **desire** interruptible secondary voltage service for general use where billing demand is 100 kW or more which qualify for service under the conditions set forth in this tariff and participate in the Cooperative's Automatic Power Monitoring Program. Service under this schedule may be refused or terminated if the Cooperative's wholesale power supplier, Wolverine Power Supply Cooperative, Inc. (Wolverine), believes the member-consumer's load will not provide adequate load reduction when Wolverine desires load reduction or if Wolverine believes the interruptible load may not meet the service conditions set forth in its rate schedule in the future. This rate schedule is not intended for seasonal loads.

#### Nature of Service

Interruptible secondary single or three-phase 60 hz service. The nature and level of the service voltage shall be determined in each case by the Cooperative.

The service will be electronically metered with capabilities for monitoring and reporting demand, energy, voltage levels, and power interruptions.

#### Monthly Rate

Monthly Charge \$80.00

**Demand Charges** 

NCP kW \$6.00/kW CP kW \$7.24/kW

Energy Charge: \$0.049/kWh

Reactive Charge: \$0.2575/kvar

If the member consumer chooses to avoid interruption, an additional billing demand charge of \$55.00/kW for the highest hourly demand recorded during the interruption period **will be applied**. The member consumer shall also pay \$0.12/kWh for all energy used during the interruption period. The member-consumer must reduce or eliminate his load within 1 hour after notification by Wolverine or the Cooperative.

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President and Chief Executive Officer

Michigan Public Service Commission

October 23, 2006

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#### F-INT-APM

# INTERRUPTIBLE SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS AUTOMATED POWER MONITORING (cont'd)

#### **Minimum Charges**

The Minimum Charge shall be 100 kW times the Demand Charge as stated in the Monthly Rate above except that the minimum charge may be increased, in accordance with the Cooperative's rules and regulations, in those cases in which a greater than average investment is necessary to serve a member-consumer under this schedule.

#### **Billing Demands**

The maximum demand shall be based on the member's average kW load during the 15-minute period of maximum use during the billing month. The System Coincident Demand shall be the member-consumer's contribution to the highest hourly (clock hour) coincidental system peak demand of Wolverine for the month. The billing demand shall not be less than 100 kW for any month.

#### Conditions for Service from this Schedule

This service shall be available to interruptible commercial or industrial member-consumers **whose** load has a minimum 100 kW or more of Billing Demand. This load will be separately metered with a recording watt-hour demand meter that uses electronic memory for recording data. The member consumer must provide dedicated phone service to the metering location. The interruptible load must be capable of:

- a. Being shed by control or command from Wolverine's System Control Center;
- b. Being shed in one **hour** or less; and
- c. Being shed to give extended load relief over a period of at least eight hours.

Service interruption to interruptible loads served under this schedule shall be at the discretion of Wolverine. Emergency interruptions shall not be limited to **a** specific number of occurrences. Total interruptions, excluding emergency interruptions, will not exceed 400 hours in a calendar year or 8 hours in a 24 hour period.

At the member consumer's request, Wolverine will install at the member consumer's expense equipment necessary for Wolverine to remotely disconnect the member consumer's load.

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President and Chief Executive Officer

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#### F-INT-APM

# INTERRUPTIBLE SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS AUTOMATED POWER MONITORING (cont'd)

#### Power Supply Cost Recovery Clause and Factor

This rate schedule is subject to the Cooperative's Power Supply Cost Recovery Clause as set forth on Sheet Nos. 25.00 and 25.01.

#### Terms of Payment

A one-time late payment charge of 5% of the unpaid balance, excluding sales tax, will be assessed on any bill not paid by the due date.

#### Tax Adjustments

- A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other member-consumers from being compelled to share such local taxes.
- B. Bills shall be increased to offset any new or increased specific tax or excise imposed by any governmental authority which increases the Cooperative's cost of providing electric energy.

#### Primary Service and Metering

When the Cooperative elects to meter the service on the primary side of the distribution transformers, 3% will be deducted for billing purposes from the demand, reactive and energy measurements thus made. Meters will be read monthly for billing purposes by the Cooperative.

#### Rules and Regulations

Service is governed by the Cooperative's Standard Rules and Regulations.

Michigan Public Service Commission

October 23, 2006

Issued: October 11, 2006 By: Steven L. Boeckman

President and Chief Executive Officer

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#### **GS-APM**

### COMMERCIAL & INDUSTRIAL LOADS - ON SITE GENERATION SUPPLEMENTAL AND STANDBY SERVICE

#### Availability

Available for three-phase commercial and industrial member-consumers taking service under the Cooperative's Schedules C-APM, D-APM or F-INT-APM, with on-site generation, requesting utility service for supplemental and standby capacity.

#### Nature of Service

Secondary or Primary, three-phase 60 hz service. The nature and level of the service voltage shall be determined in each case by the Cooperative.

The member-consumer shall choose any of the following APM rates for supplemental requirements: C-APM, D-APM or F-INT-**APM**.

The service will be electronically metered with capabilities for monitoring and reporting demand, energy, voltage levels, and power interruptions.

The member-consumer shall contract for supplemental and standby capacity.

#### Monthly Rate

The monthly supplemental requirements shall be billed in accordance with the tariff sheets for the following optional rates:

Option 1: C-APM
Option 2: D-APM
Option 3: F-INT-APM

Plus:

Standby Capacity: Primary Service: \$3.25/kW

Secondary Service: \$3.40/kW

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Michigan Public Service
Commission

October 23, 2006

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#### **GS-APM**

## COMMERCIAL & INDUSTRIAL LOADS - ON SITE GENERATION SUPPLEMENTAL AND STANDBY SERVICE (con't)

#### Billing Demand & Standby Capacity:

The monthly supplemental billing demand shall be the member-consumer's average kW load during the 15-minute period of maximum use during the billing month in accordance with the appropriate APM rate.

The Standby Capacity billing shall be as contracted for in the standby contract. It shall be the amount that the Cooperative is required to supply in the event that the member-consumer's generator is unavailable. Each time the member-consumer uses standby in excess of that contracted for, the increased demand shall become the new Standby Capacity to be billed at the Standby Capacity rate. Such excess demand will be assumed to occur whenever peak kW consumption exceeds the sum of the contracted Standby Capacity plus supplemental contract demand. The Standby Capacity shall be not less than the largest generation unit on site. The Supplemental contract amount shall be determined to be the peak capacity needed less the generation capacity.

The Cooperative reserves the right to make special determination of the billing demand and/or minimum charge should equipment, which creates high demands of momentary duration, be included in the member-consumer's installation.

#### Maintenance Power:

Standby power for maintenance purposes shall be available for a maximum of thirty days per contract year. The thirty days may be used consecutively or divided between two or three maintenance periods. Scheduled maintenance is not available in the months of July, August, November and December. Such maintenance power shall be subject to a written request by the member-consumer at least ninety days prior to the commencement of the maintenance period and the Cooperative's agreement within thirty days of such request. If, after the Cooperative and the member-consumer have agreed upon a schedule for maintenance power, there is a substantial change in circumstances which makes the agreed-upon schedule impractical to either party, the other party shall, upon request, make a reasonable effort to adjust the schedule in a manner that is mutually agreeable. Energy used for maintenance purposes shall be billed at the applicable rate for supplemental energy. The demand associated with the maintenance shall be included in the Standby Capacity fee, as long as it is properly scheduled.

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By: Steven L. Boeckman

President and Chief Executive Officer

Effective for service on and after August 20, 2002

#### **GS-APM**

## COMMERCIAL & INDUSTRIAL LOADS - ON SITE GENERATION SUPPLEMENTAL AND STANDBY SERVICE (cont'd)

#### Adjustment for Power Factor

Power factor penalties may be assessed in accordance with the selected optional APM rate tariff.

#### Conditions for Service from this Schedule

This rate schedule is subject to the Cooperative's Requirements for Operation of Parallel Generation Facilities as set forth on Sheet Nos. 5.79 through 5.81.

This rate schedule is subject to the appropriate APM rate schedule and all conditions and requirements contained in those tariff sheets.

#### Power Supply Cost Recovery Clause and Factor

This rate schedule is subject to the Cooperative's Power Supply Cost Recovery Clause as set forth on Sheet Nos. 25.00 and 25.01.

#### Terms of Payment

A one-time late payment charge of 5% of the unpaid balance, excluding sales tax, will be assessed on any bill not paid by the due date.

#### Tax Adjustments

- A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other member-consumers from being compelled to share such local taxes.
- B. Bills shall be increased to offset any new or increased specific **tax** or excise imposed by any governmental authority which increases the Cooperative's cost of providing electric energy.

#### Rules and Regulations

Service is governed by the Cooperative's Standard Rules and Regulations.

Michigan Public Service Commission

October 23, 2006

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#### PRIMARY SERVICE RATE (Schedule PSDS)

#### **Availability**

Available for commercial and industrial **member-consumers** that desire primary voltage service for general use where the Maximum Demand is 500 kW or more.

Subject to the Rules and Regulations of the Cooperative and its Retail Access Service Tariff, this schedule is also available to member-consumers for delivery of power from the Point of Distribution Receipt to the Point of Distribution Delivery and is subject to the following conditions:

- 1. The member-consumer must have a Maximum Demand of at least 500 kW. Individual member-consumers receiving demand metered service at multiple metering points and eligible to be taking service under the Cooperative's Schedule LP, Schedule C-APM or Schedule D-APM may achieve the 500 kW Maximum Demand threshold by aggregating or summing the Maximum Demands for each metering point occurring during a single month. The applicable rate schedule will apply to all aggregated metering points on an individual account basis.
- 2. The member-consumer must enter a Retail Access Service Agreement with the Cooperative.
- 3. The transmission of power to the Distribution Point of Receipt and all related costs shall be the responsibility of the member-consumer and/or Alternative Electric Supplier (AES).
- 4. The member-consumer must agree to purchase any default energy delivered pursuant to Schedule RASS-Retail Access Standby Service.

#### Nature of Service

Primary three-phase 60 hz service. The nature and level of the service voltage shall be determined in each case by the Cooperative.

Where service is supplied at a nominal voltage of 25,000 volts or less, the member-consumer shall furnish, install and maintain all necessary transforming, controlling and protective equipment.

The service will be electronically metered with capabilities for monitoring and reporting demand, energy, voltage levels, and power interruptions.

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President and Chief Executive Officer

Effective for **bills rendered** on and after **October 12, 2006** 



#### PRIMARY SERVICE RATE (Schedule PSDS) (cont'd)

#### Monthly Rate

#### **Distribution Service**

\$390.00 Monthly Charge:

**Distribution** Demand Charge:

Maximum: \$1.43/kW for all kW plus

**PSDF Charge:** \$0.00500/kWh

Power Supply Service (not applicable to Retail Access Service)

**Demand Charge:** 

**System Coincident** \$7.16/kW for all kW

\$0.03925/kWh for all kWh **Energy Charge:** 

Reactive Charge: \$0.25/kvar

#### Minimum Charges

The Minimum Charge shall be the Monthly Charge plus 500 kW times the maximum demand charge, plus 200 kW times the system coincident charge (system coincident charge not included for retail access customers) as stated in the Monthly Rate above except that the minimum charge may be increased, in accordance with the Cooperative's rules and regulations, in those cases in which a greater than average investment is necessary to serve a member-consumer under this schedule.

#### Billing Demands

The maximum demand shall be based on the member-consumer's average kW load during the 15minute period of maximum use during the billing month. The System Coincident Demand shall be based on the member-consumer's contribution to the highest hourly (clock hour) coincidental system peak demand of Wolverine Power Supply Cooperative, Inc. for the month. The Cooperative reserves the right to make special determination of the billing demand and/or minimum charge should circumstances require.

For retail access customers, the Maximum Demand shall be the highest 15-minute integrated demand created during the current and previous 11 billing months at each voltage level, whether the memberconsumer received service under this tariff or another Cooperative retail tariff. The Cooperative reserves the right to make special determination of the billing demand and/or minimum charge should circumstances require.

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## PRIMARY SERVICE RATE (Schedule PSDS) (cont'd)

#### Reactive Charge

The Reactive Charge for the month shall be the maximum hourly kvar load (leading or lagging) during the billing month.

#### Conditions for Service from this Schedule

Available for commercial and industrial **member-consumers** that desire primary voltage service for general use where the Maximum Demand is 500 kW or more. This load will be separately metered with a recording watt-hour demand meter that uses electronic memory for recording data. The **member-consumers** must provide a dedicated phone service (non-shared) to the metering location.

Subject to the terms and conditions of the Retail Access Service Tariff, the member-consumer shall be responsible for any associated communication systems such as telephone lines or other related equipment between the Cooperative, the member-consumer, and the third party.

#### Power Supply Cost Recovery Clause and Factor

This rate schedule is subject to the Cooperative's Power Supply Cost Recovery Clause as set forth on Sheet Nos. 25.00 and 25.01, except for retail access customers.

#### **Power Supply Development Fund**

In accordance with Federal Energy Regulatory Commission Order in Docket Nos. ER04-132 and ER04-38, the Cooperative is required to pay its power supplier a Power Supply Development Fund (PSDF) Charge for the limited purpose of providing necessary cash reserves to allow the funding of future power supply options. Such future power supply options are to be available to a member-consumer which returns to the Cooperative's Full Requirements Service as described in Section 2.6 of the Cooperative's Retail Access Service Tariff, Original Sheet No. 28.09. To ensure that any PSDF funds collected through rates but ultimately unused for the limited purpose are returned to the member-consumer in a timely fashion, all such unused funds shall be returned to the member-consumer in the form of a capital credit retirement, which will be accomplished within twelve months of the date unused PSDF funds are received by the Cooperative from the Cooperative's power supplier. In such event, the capital credit retirement shall be sufficient to return all PSDF charges paid by the member-consumer.

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Michigan Public Service Commission

October 23, 2006

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## PRIMARY SERVICE RATE (Schedule PSDS) (cont'd)

#### Terms of Payment

A one-time late payment charge of 5% of the unpaid balance, excluding sales tax, will be assessed on any bill not paid by the due date.

The Cooperative will not collect any monies on behalf of any alternate power supplier, retailer, or other third party without a written agreement between the Cooperative, the member-consumer, and the third party.

#### **Third Party Disputes**

For retail access customers, the Cooperative has no obligation or duty to intervene, mediate or participate in contractual disputes between the member-consumer and its AES Supplier or third parties. Further, the Cooperative will not shut off service or otherwise enforce any provision of a contract between the member-consumer and any third party.

#### Tax Adjustments

- A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other member-consumers from being compelled to share such local taxes.
- B. Bills shall be increased to offset any new or increased specific tax or excise imposed by any governmental authority which increases the Cooperative's cost of providing electric **service**.

#### Rules and Regulations

Service is governed by the Cooperative's Standard Rules and Regulations and the Cooperative's Retail Access Service tariffs.

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President and Chief Executive Officer

October 12, 2006
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October 23, 2006

Effective for **bills rendered** on and after

### MEMBER-CONSUMER-OWNED BACKUP GENERATION (Schedule CBG)

#### AVAILABILITY:

This rate is available only to member-consumers served under Schedules LP, C-APM, D-APM and PSDS who own and operate the generating unit(s) having a total on site capacity of 100 kW or greater which can be called upon from time to time by Wolverine Power Supply Cooperative, Great Lakes' power supplier, to provide backup. This rate schedule is not intended for seasonal loads, nor is it intended for member-consumers served under interruptible rates.

#### MONTHLY RATE:

The member-consumer shall be billed under Schedules LP, C-APM, D-APM, and PSDS adjusted for the following credit:

Demand Charge Credit @ \$2.50/kW

The Demand Charge Credit will be applied to the lesser of:

- 1. The average Monthly Billing Demand of the retail member-consumer for the most recent December, January, and February billings. In instances where the retail member-consumer is billed under a Large Power Time-of-Day rate, or its equivalent, the term "Billing Demand" shall refer to the Peak Period Demand.
- 2. The actual amount of load interrupted as determined by a test in accordance with the Conditions For Service From this Schedule, paragraph 4.

#### CONDITIONS FOR SERVICE FROM THIS SCHEDULE:

This service schedule shall be available for service to members of Great Lakes who own and operate generating units which can be used by Wolverine as backup and which meet the following criteria:

1. The output from the retail member-consumer-owned generating unit(s) shall be separately metered with a recording watthour demand meter using either magnetic tape or electronic memory for recording data.

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President and Chief Executive Officer

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### MEMBER-CONSUMER-OWNED BACKUP GENERATION (Schedule CBG - con't)

- 2. The total rated capacity of the retail member-consumer-owned generating unit(s) on each site must be 100 kW or greater.
- 3. The retail member-consumer-owned generating units must be capable of:
  - a. Being brought on line by control or command from Wolverine's system Control Center;
  - b. Being brought on line in 30 minutes or less; and
  - c. Being run to give extended load relief over a period of at least twelve hours.
- 4. Wolverine may request operation of the retail member-consumer-owned generating unit(s) served under this rate at its own discretion.
  - a. Wolverine may call upon the member-consumer-owned generating units up to four times each year to test the capability and reliability of the unit(s) in order to demonstrate that the capacity will be available when called upon.
  - b. Request for operation of the backup generating unit(s) during emergency interruptions shall not be limited to a specific number of occurrences. Total requests for operation excluding emergency will not exceed 200 hours in a calendar year.
- 5. Wolverine reserves the right to remove a member-consumer from this program if, in the Cooperative's sole judgment, Wolverine cannot rely on the member-consumer-owned generating capacity being available when called upon.

#### **SAFETY AND RELIABILITY REQUIREMENTS:**

The member-consumer-owned generating unit(s) shall not be operated in parallel with the Cooperative's distribution system. When the member-consumer is called upon by Wolverine to operate the generating unit(s), the member-consumer shall separate its load from the Cooperative's system.

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President and Chief Executive Officer

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### MEMBER-CONSUMER-OWNED BACKUP GENERATION (Schedule CBG - con't)

#### CONTRACTS:

A contract shall be required for each member-consumer under this rate. The Cooperative reserves the right to require service contracts covering terms and nature of service in cases where special services are required, or where investment by the Cooperative is in excess of that provided for without contribution toward construction by the member-consumer in the Cooperative's Standard Rules and Regulations.

#### Power Supply Cost Recovery Clause and Factor

This rate schedule is subject to the Cooperative's Power Supply Cost Recovery Clause as set forth on Sheet Nos. 25.00 and 25.01.

#### Tax Adjustments:

- A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other member-consumers from being compelled to share such local taxes.
- B. Bills shall be increased to offset any new or increased specific tax or excise imposed by any governmental authority which increases the Cooperative's cost of providing electric energy.

#### Rules and Regulations

Service is governed by the Cooperative's Standard Rules and Regulations.

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President and Chief Executive Officer

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#### Requirements for Pole Attachments

The Cooperative may permit a cable television company or other attaching party (as defined in paragraph 1(a) of 1980 PA 470; MCLA 460.6g) to make attachments to its poles, ducts or conduits pursuant to contract between the Cooperative and the attaching party. Upon execution, copies of such contracts shall be filed with the Michigan Public Service Commission. Effective April 1, 1997, the annual pole attachment rate shall be \$3.74 per pole per year.

Attaching parties must obtain any necessary authorizations to occupy public or private rights- of-ways prior to execution of a contract with the Cooperative.

This sheet shall not apply to attachments made or proposed to be made by utilities (as defined in paragraph 1(d) of 1980 PA 470) to the facilities of the Cooperative.

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President and Chief Executive Officer

Æffective for service on and after August 20, 2002

#### <u>Great Lakes Energy Cooperative</u> <u>Power Supply Cost Recovery Clause</u>

This clause permits the monthly adjustment of rates for power supply to allow recovery of the booked costs of purchased power incurred under reasonable and prudent policies and practices.

For purposes of this clause, the following definitions apply:

"Power supply cost recovery factor" means 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 schedule.

"Power supply cost recovery plan" means 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 specified power supply cost recovery factor.

"Power supply costs" means those elements of the costs of purchased power as determined by the Commission to be included in the calculation of the power supply cost recovery factor.

The Power Supply Cost Recovery factor shall, in accordance with the hearing procedures adopted by the Michigan Public Service Commission, consist of 0.01075 mills per kilowatt hour for each full .01 mills per kWh, of power supply costs, less the allowance for cost of power supply included in base rates, rounded to the nearest .01 mills per kilowatt hour. The power supply cost recovery factor to be applied to Great Lakes Energy Cooperative's ("Cooperative") retail member-consumers' monthly kilowatt hour usage represents the power supply costs as established by Commission order pursuant to a power supply and cost review hearing conducted by the Commission. The power supply and cost review will be conducted not less than once a year for the purpose of evaluating the power supply cost recovery plan filed by Cooperative and to authorize appropriate power supply cost recovery factors.

Not more than 45 days following the last day of each billing month in which a power supply recovery factor has been applied to member-consumes' bills, Cooperative shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the power supply cost recovery factor, and the allowance for cost of power included in the base rates established in the latest *Commission* order for Cooperative, and cost of power supply.

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President and Chief Executive Officer

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Not less than once a year and not later than 4 months after the end of the 12-month period covered by the Cooperative's most recently authorized power supply cost recovery plan, a power supply cost reconciliation proceeding will be conducted to reconcile the revenues recorded pursuant to the power supply cost recovery factor and the allowance for cost of power included in the base rates as established by the Commission under Cooperative's most recent power supply cost recovery plan, among other things. Cooperative shall be required to refund to member-consumers, or to credit to member-consumers' bills any net amount determined to have been recovered which is in excess of the amounts actually expensed by Cooperative for power supply. Cooperative shall recover from member-consumers any net amount by which the amount determined to have been recovered over the period covered was less than the amount determined to have been actually expensed by Cooperative for power supply.

For the twelve (12) months ending December, 2008 the Power Supply Cost Recovery Factor is \$0.01029 per kWh. The allowance for cost of power supply included in base rates is \$0.06527 per kWh.

The following factors are applied pursuant to 1982 PA 304 in the 12 billing months ending December 2008:

		Maximum	
		Authorized	Actual
		2008 PSCR	Factor
<u>Year</u>	<u>Month</u>	<u>Factor</u>	<u>Billed</u>
		(per kWh)	(per kWh)
2008	January	\$0.01029	\$0.01029
2008	February	\$0.01029	\$0.01029
2008	March	\$0.01029	\$0.01029
2008	April	\$0.01029	\$0.01029
2008	May	\$0.01029	\$0.01029
2008	June	\$0.01029	\$0.01029
2008	July	\$0.01029	\$0.01029
2008	August	\$0.01029	\$0.01029
2008	September	\$0.01029	\$0.01029
2008	October	\$0.01029	\$0.01029
2008	November	\$0.01029	\$0.01029
2008	December	\$0.01029	\$0.01029

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President and CEO



Effective for bills rendered for the 2008 PSCR Plan Year Issued under the authority of MPSC **Order dated 4/1/08** in Case No. U-15411

Not less than once a year and not later than 4 months after the end of the 12-month period covered by the Cooperative's most recently authorized power supply cost recovery plan, a power supply cost recovering will be conducted to reconcile the revenues recorded pursuant to the power supply cost recovery factor and the allowance for cost of power included in the base rates as established by the Commission under Cooperative's most recent power supply cost recovery plan, among other things. Cooperative shall be required to refund to member-consumers, or to credit to member-consumers' bills any net amount determined to have been recovered which is in excess of the amounts actually expensed by Cooperative for power supply. Cooperative shall recover from member-consumers any net amount by which the amount determined to have been recovered over the period covered was less than the amount determined to have been actually expensed by Cooperative for power supply.

For the six (6) months ending June, 2007 the Power Supply Cost Recovery Factor is \$0.00422 per kWh. The allowance for cost of power supply included in base rates is \$0.06727 per kWh.

For the six (6) months ending December, 2007 the Power Supply Cost Recovery Factor is \$0.00422 per kWh. The allowance for cost of power supply included in base rates is \$0.06527 per kWh.

The following factors are applied pursuant to 1982 PA 304 in the 12 billing months ending December 2007:

		Maximum	
		Authorized	Actual
		2007 PSCR	Factor
Year	<u>Month</u>	<u>Factor</u>	<b>Billed</b>
		(per kWh)	(per kWh)
2007	January	\$0.00422	\$0.00422
2007	February	\$0.00422	\$0.00422
2007	March	\$0.00422	\$0.00422
2007	April	\$0.00422	\$0.00422
2007	May	\$0.00422	\$0.00422
2007	June	\$0.00422	\$0.00422
2007	July	\$0.00422	\$0.00422
2007	August	\$0.00422	\$0.00422
2007	September	\$0.00422	\$0.00422
2007	October	\$0.00422	\$0.00422
2007	November	\$0.00422	\$0.00422
2007	December	\$0.00422	\$0.00422

Michigan Public Service
Commission

December 19, 2007

Issued: December 19, 2007

By: Steven L. Boeckman

President and Chief Executive Officer

Effective for bills rendered for the **2007** PSCR Plan Year

Issued under the authority of the M.P.S.C. dated **July 5, 2007** in Case No. **U-14710-R** 

First Revised Sheet No. 26.00 Cancels Original Sheet No. 26.00

## SCHEDULE LPRAS

## LARGE POWER RETAIL ACCESS SERVICE

THIS SHEET IS CANCELLED

Michigan Public Service Commission

April 7, 2005

Filed PJ

Issued: March 23, 2005

By Steven L. Boeckman

President and Chief Executive Officer

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## SCHEDULE LPRAS

## LARGE POWER RETAIL ACCESS SERVICE

## THIS SHEET IS CANCELLED

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## SCHEDULE LPRAS

## LARGE POWER RETAIL ACCESS SERVICE

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## **SCHEDULE RASS**

#### RETAIL ACCESS STANDBY SERVICE

## **Availability**

This schedule is available on a best efforts basis only to Member-Consumers of the Cooperative receiving service under the Cooperative's Large Power Service Rate-Choice (Schedule LP-C), Service for Commercial & Industrial Automated Power Monitoring Rate-Choice (Schedule C-APM-C), Service for Commercial & Industrial Automated Power Monitoring Rate-Choice (Schedule D-APM-C), or Primary Service Rate-Choice (Schedule PSDS-C). This is in addition to the Member-Consumer's applicable Choice tariff.

#### **Nature of Service**

Service under this schedule is only available on a best efforts basis to the Member-Consumer when an Alternative Electric Supplier (AES) has ceased service to the Member-Consumer. The Member-Consumer may arrange to return to Full Requirements Service by following the procedures detailed in the Cooperative's *Retail Access Service Tariff*, subject to the terms and conditions set forth in said tariff.

Standby Service under this schedule does not include net under- or over- deliveries of Energy that result when Energy is delivered on behalf of a Member-Consumer but deviates from the Member-Consumer's scheduled Energy requirements plus applicable provisions for line losses. Any change in the Member-Consumer's Energy schedule must be reported to the Transmission Service Provider according to the provisions in the applicable Open Access Transmission Tariff (OATT). These charges represent Schedule 4 ancillary services and will be summarized each month with payment to the Member-Consumer or due from the Member-Consumer per the calculation.

## **Charges for Service**

The charges for this service shall be equal to the Cooperative's out-of-pocket cost of standby power delivered to the Member-Consumer, plus a service fee of one-cent (\$0.01) per kWh delivered to the Member-Consumer. The Cooperative's out-of-pocket cost shall be equal to the amount it is billed by its wholesale supplier for Standby Service delivered to the Member-Consumer.

Michigan Public Service Commission

December 5, 2005

Filed

(Continued on Sheet No. 27.01)

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President and Chief Executive Officer

## **SCHEDULE RASS**

#### RETAIL ACCESS STANDBY SERVICE

(Continued from Sheet No. 27.00)

## **Terms of Payment**

- 1. Monthly bills for Standby Service rendered by the Cooperative are due and payable on or before the due date listed on the bill.
- 2. The above rates are net. A one-time late payment charge of five (5%) percent of the unpaid balance, excluding sales tax, will be assessed on any bill for Standby Service not paid by the due date.
- 3. The Cooperative will not collect any monies on behalf of any AES, retailer or other third party without a written agreement between the Cooperative, the Member-Consumer and the third party.

#### **Third Party Disputes**

The Cooperative has no obligation or duty to intervene, mediate or participate in contractual disputes between the Member-Consumer and its AES Supplier or third parties. Further, the Cooperative will not shut off service or otherwise enforce any provision of a contract between the Member-Consumer and any third party.

#### Tax Adjustment

- 1. Bills shall be increased or decreased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other Member-Consumers from being compelled to share such local increases or decreases.
- 2. Bills shall be adjusted to offset any new, increased or decreased specific tax or excise imposed by any governmental authority, which increases or decreases the Cooperative's cost of providing electric service.

Michigan Public Service
Commission

December 5, 2005

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Issued: **December 1, 2005**By: Steven L. Boeckman

President and Chief Executive Officer

#### 1.0 INTRODUCTION AND DEFINITIONS

This tariff expresses the terms and conditions associated with Retail Access Service and provides information regarding the roles of the various market participants. This tariff includes the following sections:

Introduction and Definitions	Section 1.0
Member-Consumer Section	Section 2.0
Alternative Electric Supplier Section	Section 3.0
Dispute Resolution	Section 4.0
Liability and Exclusions	Section 5.0

When a Member-Consumer participates in Retail Access Service and obtains Generation Services from an Alternative Electric Supplier (AES), the Cooperative will maintain a relationship and interact with the separate participants – including the Member-Consumer, the Transmission Service Provider, and the AES.

#### 1.1 The Member-Consumer Role

The Member-Consumer is the end-user of Power in the State of Michigan who has facilities connected to the Cooperative's Distribution System. Under Retail Access Service, the Member-Consumer will conduct transactions with at least two participants – including the Cooperative and an AES. The Member-Consumer is responsible for choosing an AES. Member-Consumers may receive transmission service directly from the Transmission Service Provider or the AES may make such arrangements as part of its service to the Member-Consumer.

The Cooperative's principal requirement is that the Member-Consumer must be eligible to be taking service under the Cooperative's Schedule LP, C-APM, D-APM, and PSDS and have a Maximum Demand of at least 50 kW. An Individual Member-Consumer currently demand metered and who is eligible to be taking service under the Cooperative's Schedule LP, and C-APM may achieve the 50 kW Maximum Demand threshold by aggregating or summing the Maximum Demands for each demand metering point occurring during a single month. All charges or fees specified herein and all related rate schedules apply to aggregated demand metering points on an individual account basis. No more than 30% of the total number of member-consumers between 50 kW and 199 kW may be eligible for service under this tariff.

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(Continued on Sheet No. 28.01)

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President and Chief Executive Officer

(Continued from Sheet No. 28.00)

The Member-Consumer is ultimately responsible for the purchase and delivery of power to the Cooperative's distribution system that is sufficient to meet the Member-Consumer's electrical requirements for each hour of each day. If for any reason, including but not limited to the failure or default of the AES, the failure of its generation resources and/or transmission system constraints, power is delivered to a retail open access Member-Consumer by the Cooperative then the Member-Consumer shall purchase said power from the Cooperative pursuant to the Default Service provisions of this tariff.

#### 1.2 The Alternative Electric Supplier Role

An Alternative Electric Supplier (AES) is a Person that has been licensed by the Michigan Public Service Commission to sell electric generation service to retail consumers in this state. The AES takes title to Power and sells Power in Michigan's retail electric market.

An AES makes necessary arrangements to provide Power to Member-Consumers, assembles products and/or services, and sells the products and/or services to Member-Consumers. An AES must meet all applicable statutory and regulatory requirements of Michigan and federal law.

Market participation responsibilities of the AES or Member-Consumer include: scheduling energy, obtaining and paying for transmission and ancillary services (including energy imbalance charges), and payment or provision of energy for losses incurred on the Transmission System and the Distribution System to deliver Power. The AES is responsible for assuring power supply, arranging deliveries to the Cooperative's Distribution System, and managing its own retail sales.

#### 1.3 Transmission Service Provider Role

The Transmission Service Provider delivers electrical energy to the Cooperative's distribution system. To obtain retail access service, the Member-Consumer or the AES on behalf of the Member-Consumer must arrange for transmission service from the Transmission Service Provider. The Transmission Service Provider provides services to transmission consumers, whether an AES or a Member-Consumer as defined herein, pursuant to its Open Access Transmission Tariff (OATT) rules and regulations as approved by the Federal Energy Regulatory Commission or pursuant to a Transmission Tariff approved by another appropriate regulatory authority.

(Continued on Sheet No. 28.02)

Michigan Public Service
Commission

December 5, 2005

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President and Chief Executive Officer

(Continued from Sheet No. 28.01)

#### 1.4 Cooperative Role

The Cooperative provides facilities and related services for the distribution of electricity and is the Member-Consumer's primary contact for electric service. Under Retail Access, the Cooperative arranges for the physical connection of the Member-Consumer's facilities to the Distribution system and provides system maintenance, outage restoration, metering equipment, meter data processing, bill processing for distribution services and other consumer support services.

The Cooperative's Generation Services (Default Service and Full Requirements Service) offered herein are supplied by purchases for resale from the Cooperative's wholesale power supplier. Such purchases are made pursuant to tariffs that are established by the wholesale power supplier and approved by the Federal Energy Regulatory Commission or other appropriate regulatory authority.

#### 1.5 Definitions

"Aggregate" or "Aggregation" means to combine or the combination of multiple metering points serving an individual Member-Consumer for the purpose of qualifying for Retail Access Service.

"Alternative Electric Supplier" or "AES" means a Person properly licensed by the Michigan Public Service Commission to sell electric Generation Service to retail consumers in the state of Michigan. AES does not include a Person who physically delivers electricity from the AES directly to retail consumers in Michigan.

"Commission" means the Michigan Public Service Commission.

"Cooperative" means Great Lakes Energy Cooperative or its agent.

"Default Service" means Generation Service provided by the Cooperative. Default Service shall be purchased under the rates, terms, and conditions in the applicable Retail Access Standby Service tariff approved by the Commission.

"Demand" means the amount of Power required to meet the Member-Consumer's load averaged over a designated interval of time, expressed in kilowatts or megawatts.

"Distribution Point of Delivery" means the point of interconnection between the Cooperative's Distribution System and the Member-Consumer's service Location.



(Continued on Sheet No. 28.03)

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President and Chief Executive Officer

(Continued from Sheet No. 28.02)

"Distribution Point of Receipt" means the point of interconnection between the Cooperative's Distribution System and the Transmission System or other facilities where electric Energy is received for delivery to a Member-Consumer.

"Distribution Service" means the provision of retail Regulated Electric Service including delivery of Generation over the Distribution System, and ancillary services all provided by the Cooperative pursuant to its rates for Retail Access Service.

"Distribution System" means facilities operated by the Cooperative for the purpose of distributing electric power within the Cooperative's electric service territory, which are subject to the jurisdiction of the Commission.

"Drop Request" means a request by an AES to terminate Generation Service to a Member-Consumer.

"Drop Response" means a response sent by the Cooperative to an AES which submitted a Drop Request that confirms the requested Member-Consumer drop as pending and provides certain Member-Consumer information or, if the Drop Request is denied, provides a reason or invalidation code explaining why the request was denied.

"Energy" refers to "electrical energy." Energy is usually measured in kilowatt-hours (kWh) or megawatt-hours (MWh).

"Full Requirements Service" means the provision of retail Regulated Electric Service including generation, transmission, distribution, and ancillary services all provided by the Cooperative pursuant to its rates for standard electric service.

"Generation Service" means the provision of electric Power, transmission, and related ancillary services.

"Interval Demand Meter" means a meter capable of measuring and recording kW demands and kVAR demands on a sub-hour time interval and hourly integrated basis and measuring energy in kWh on a cumulative basis.

"Load" means any end-use device drawing energy from the electric system.

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"Location" means each Member-Consumer facility, whether owned or leased, where power is delivered by the Cooperative.

"Maximum Demand" (also known as "Peak Demand") means the highest 15-minute integrated demand created during the current and previous eleven (11) billing months at each voltage level, whether the Member-Consumer received service under this tariff or another Cooperative retail tariff.

(Continued on Sheet No. 28.04)

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(Continued from Sheet No. 28.03)

"Member-Consumer" means, for purposes of Retail Access Service, a Person with electrical load facilities connected to the Cooperative's Distribution System and to whom Power is delivered to its Location pursuant to this tariff. All Member-Consumers, regardless of the voltage level of the service, are considered to be connected to the Cooperative's Distribution System.

"Open Access Transmission Tariff (OATT)" means Open Access Transmission Tariff of a Person owning or controlling the Transmission System, on file with the Federal Energy Regulatory Commission, as may be amended from time to time.

"Person" means an individual, governmental body, corporation, partnership, association, or other legal entity.

"Power" means a combination of the electric Demand and Energy requirements of the Member-Consumer.

"Retail Access Service" means the service offered by the Cooperative under applicable laws, regulations, tariffs and agreements, which allows the Member-Consumer to purchase Generation Service from a licensed AES, with Power delivered through the Cooperative's Distribution System.

"Regulated Electric Service" means the services offered by the Cooperative under terms and conditions approved by the Commission.

"Relevant Market" means either the Upper Peninsula or the Lower Peninsula of this state.

"Slamming" means the act of changing the Member-Consumer's chosen AES, or changing the Member-Consumer from Full Requirements Service to Generation Service from an AES, without the Member-Consumer's consent.

"Switch" means a Member-Consumer move from one provider of Generation Service to another.

"Switch Date" means the date on which the Member-Consumer is actually assigned to a new Generation Service provider for purposes of Energy supply responsibility.

"Switch Request" means a request by an AES to switch the Member-Consumer from the Cooperative or another AES to the requesting AES, for Generation Service.



(Continued on Sheet No. 28.05)

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"Switch Response" means a response sent by the Cooperative to an AES which submitted a Switch Request that confirms the requested Member-Consumer switch as pending and provides certain Member-Consumer information or, if the Switch Request is denied, provides a reason or invalidation code explaining why the request was denied.

"Transmission Service Provider" means a Person that owns, controls and/or operates transmission facilities and provides transmission and related services to the Cooperative including scheduling of power supply resources into the transmission system on behalf of the Cooperative.

"Transmission System" means facilities operated by a Person used for transmitting electric Power to the Distribution Point of Receipt, and subject to the jurisdiction of the Federal Energy Regulatory Commission.

"Uniform Data Transaction" means specific technical arrangements for trading information, initiating business requests and executing other common transactions. These arrangements may encompass a number of electronic media and use specified transport protocols.

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(Continued on Sheet No. 28.06)

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(Continued from Sheet No. 28.05)

#### 2.0 MEMBER-CONSUMER SECTION

#### 2.1 Availability

Retail Access Service is available to all existing or new Member-Consumers that meet the terms and conditions of this Retail Access Service tariff and other applicable Cooperative tariffs, subject to contracting with an AES.

#### 2.2 Eligibility

- 2.2.1 A Member-Consumer's eligibility to take Retail Access Service is subject to the full satisfaction of any terms or conditions imposed by pre-existing contracts with or tariffs of the Cooperative. Member-Consumers must have satisfied any past due amounts for Regulated Electric Service owed to the Cooperative under any other arrangements or provisions for Regulated Electric Service before taking service under this tariff.
- 2.2.2 An Individual Member-Consumer who is eligible to be taking service under the Cooperative's Schedule LP, C-APM, D-APM, or PSDS and having a demand meter with a Maximum Demand of at least 50 kW is eligible to take service under this tariff. An Individual Member-Consumer receiving demand metered service at multiple metering points and who is eligible to be taking service under the Cooperative's Schedule LP and C-APM may achieve the 50 kW Maximum Demand threshold by aggregating or summing the Maximum Demands for each metering point occurring during a single month. All charges or fees specified herein and all related rate schedules apply to all aggregated metering points on an individual account basis. No more than 30% of the total number of member-consumers between 50 kW and 199 kW may be eligible for service under this tariff.

#### 2.3 Member-Consumer Information

Member-Consumers will be provided their own usage and billing information upon request. No fee shall be charged for the first request per calendar year related to a specific Member-Consumer account. An AES must obtain written authorization from the Member-Consumer before the Cooperative will provide an AES with a Member-Consumer's currently available usage and billing information. Subsequent requests by the Member-Consumer or the AES will require a fee of \$30.00 per account that will be billed to the Member-Consumer.

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(Continued on Sheet No. 28.07)

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## 2.4 Member-Consumer Enrollment and Switching

- 2.4.1 A Member-Consumer which switches to an AES cannot return to the Cooperative's Full Requirements Service for two years after the switch to the AES has been effectuated. See Return to Service Provision in Section 2.6.
- 2.4.2 A Member-Consumer that is receiving Retail Access Service through aggregated Locations will specify the same AES for all accounts or Locations at any given time. Member-Consumers that are receiving Retail Access Service through aggregated Locations will specify the same AES for all accounts or locations at any given time.
- 2.4.3 A Member-Consumer shall be permitted to change its AES. Assuming all other requirements are met, the change will become effective at the completion of the normal billing cycle. Member-Consumers will be assessed a fee of \$15.00 per Member-Consumer account for each change beyond one (1) within a calendar year. The change will be submitted to the Cooperative by the Member-Consumer's newly chosen AES as a Switch Request.
- 2.4.4 The AES shall submit to the Cooperative a Switch Request via a Uniform Data Transaction after a required ten (10) day consumer rescission period.
- 2.4.5 The Cooperative will process one (1) valid Switch Request per Member-Consumer per meter reading cycle. Where multiple Switch Requests for the same Member-Consumer are received during the same meter reading cycle, the Cooperative will process the first valid Switch Request received during a meter read cycle. A Switch Response for each rejected Switch Request will be sent to the appropriate AES via a Uniform Data Transaction within three (3) business days.

The Cooperative will normally validate a Switch Request within three (3) business days of the receipt of the Switch Request and will transmit a Switch Response to the AES. As part of the validation process, the Cooperative shall notify the Member-Consumer in writing that a Switch Request has been received and is being processed.

For valid Switch Requests from one AES to another, the Cooperative will at the same time send to the AES currently serving the Member-Consumer, via the appropriate Uniform Data Transaction, notice that the AES's service is to be terminated, including the scheduled Member-Consumer Switch Date. In the event that the Member-Consumer or the new AES cancels the Switch before the Switch Date, the Cooperative will send to the current AES, via appropriate Uniform Data Transaction, notice reinstating the current AES's service unless the current AES has submitted a valid Drop Request.

(Continued on Sheet No. 28.08)

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Cut-off time for the receipt of Switch Requests is eight (8) business days in advance of the Member-Consumer's Switch Date. In the case of errors or omissions in Switch Requests received by the Cooperative, final disposition of exceptions may take up to five (5) business days.

- 2.4.6 Other than in situations where Member-Consumers require new meter installations as part of a Switch, Member-Consumer Switches will be scheduled to take place on the scheduled meter reading date, and will be effective on the actual meter reading date or the date of an estimated meter reading for billing purposes. The Switch Date shall be effective on the next scheduled meter read date that is not less than eight (8) business days after the Switch Request has been confirmed as pending. The AES change shall occur at midnight (00:00) local time at the beginning of the effective date.
- 2.4.7 The Cooperative shall process Drop Requests submitted by AESs in the same manner as it processes Switch Requests, including Member-Consumer notification. AESs shall be subject to the same timing, validation and Uniform Data Transaction requirements for Drop Requests as for Switch Requests. An AES shall inform the Member-Consumer in writing of the submission of a Drop Request.

#### 2.5 Metering

- 2.5.1 Metering equipment for Member-Consumers taking Retail Access Service shall be furnished, installed, read, maintained, and owned by the Cooperative.
- 2.5.2 Member-Consumers shall be required to have an Interval Demand Meter at each metering point.
- 2.5.3 If a new Interval Demand Meter is required, time and material costs to install it will be assessed to the Member-Consumer.
- 2.5.4 The Cooperative may require that the meter be read via telephone. In such cases, Member-Consumers will be required to provide a telephone connection for purposes of meter interrogation by the Cooperative. If a Member-Consumer is not able to allow sharing of a telephone connection, the Member-Consumer may be required to obtain a separate telephone connection for such purposes. The Member-Consumer is responsible for assuring the performance of the telephone connection. The Member-Consumer shall be responsible for all costs of the required telephone connection.

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(Continued on Sheet No. 28.09)

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(Continued from Sheet No. 28.08)

- 2.5.5 In cases where a telephone connection used by the Cooperative for meter interrogation is out of service, the Cooperative may retrieve the data manually for a nominal monthly fee of \$40.00 payable by the Member-Consumer. In the event that the telephone connection is out for three consecutive billing months, the Member-Consumer's Retail Access Service may be terminated and the Member-Consumer will be returned to service under the Cooperative's Full Requirements Service tariffs subject to the provisions of Section 2.6, unless said outage is due to non-performance by the telecommunications service provider.
- Energy consumption and Demand for settlement purposes shall be based on the data 2.5.6 from the Interval Demand Meters.
- Where monthly metered Energy data is not available due to metering errors. 2.5.7 malfunctions, or otherwise, the billing quantities will be estimated by the Cooperative using the available historical data and other relevant information for the Member-Consumer.

#### **Return to Full Requirements Service** 2.6

- A Member-Consumer which switches to an AES cannot return to the Cooperative's Full Requirements Service for two (2) years after the switch to the AES has been effectuated. After such two (2) year period, a Member-Consumer may return to full service after giving the Cooperative at least 30 days written notice, unless the Member-Consumer wants to take service during the summer months of June through September, in which case the Member-Consumer must give the Cooperative notice no later than the preceding December 1. The Cooperative will return the Member-Consumer to Full Requirements Service following the notice period. Said notice period commences with the beginning of the Member-Consumer's billing cycle following receipt of the Member-Consumer's written notice of intent to return to Full Requirements Service. If the Member-Consumer returns to the Cooperative's Full Requirements Service for any reason prior to such two (2) year period or prior to the expiration of the notice period, the Member-Consumer's rate will be determined as the greater of:
  - A. The charges for Default Service plus the applicable Retail Access Service
  - В. 110% of the applicable Full Requirements Service Rate

(Continued on Sheet No. 28.10)

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(Continued from Sheet No. 28.09)

- 2.6.2 A Member-Consumer, having given notice of its intent to return to Full Requirements Service under Section 2.6.1, will receive Cooperative Default Service if, at any time during the notice period, it discontinues purchasing Generation Service from an AES.
- 2.6.3 A Member-Consumer taking Default Service under the provisions of Section 2.6.2 may switch to another AES as provided in Section 2.4 at any point during the period that they are on Default Service.
- 2.6.4 The AES shall transmit a Member-Consumer Drop Request to the Cooperative via a Uniform Data Transaction when the Member-Consumer requests return to Full Requirements Service or when AES service is not being continued for any reason. The AES shall inform the Member-Consumer of the Drop Request in writing.
- 2.6.5 The Cooperative will normally validate a Drop Request within three (3) business days of the receipt of the Drop Request and will transmit a Drop Response to the AES. As part of the validation process, the Cooperative will notify the Member-Consumer in writing that a Drop Request has been received and is being processed.
- 2.6.6 The Switch from AES to Full Requirements Service will be processed on the next meter read date after the AES submits the necessary Drop Request to the Cooperative, provided that the requirements of section 2.6.1 are met. If the requirements of section 2.6.1 are not met, then the Member-Consumer will be switched to Cooperative Default Service until said requirements are met. The Switch shall occur at midnight (00:00) local time at the beginning of the effective date.
- 2.6.7 A Member-Consumer returning to Full Requirements Service must remain on such service for the minimum term stated in the applicable Full Requirements Service tariff, but not less than twelve (12) months.
- 2.6.8 In the event of Slamming from Full Requirements Service, a Member-Consumer who desires to return to Full Requirements Service may do so. The Cooperative will waive the twelve (12) month minimum term requirements. The Cooperative's Default Service does not apply to such Member-Consumers.

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(Continued on Sheet No. 28.11)

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Effective for **Retail** Access Service rendered On and After **January 1, 2006** Issued under the Authority of M.P.S.C. order Dated **September 20, 2005** in Case No. **U-14573** 

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(Continued from Sheet No. 28.10)

2.6.9 In the event a Member-Consumer is dropped by the AES due to the bankruptcy of the AES or upon the complete withdrawal of the AES from the Relevant Market, the Member-Consumer may receive Default Service from the Cooperative for not more than three (3) full billing cycles. By the end of that time period, the Member-Consumer must either have a Switch Request completed on their behalf as provided in Section 2.4, or give notice of its intent to return to Full Requirements Service as provided in Section 2.6.1. A Member-Consumer that does not arrange for Generation Service from a different AES or give notice of its intent to return to Full Requirements Service within three (3) months shall be disconnected.

#### 2.7 **Billing and Payment**

- 2.7.1 The Cooperative will bill the Member-Consumer for Retail Access Service as outlined in section 3.3 of this tariff.
- 2.7.2 The Member-Consumer shall pay the Cooperative the amount billed by the Cooperative on or before a due date established by Member-Consumer billing rules approved by the Commission in accordance with the Commission's consumer standards and billing practices, R 460.3901 et seq., as amended, for nonresidential consumers.
- Where incorrect billing results from an error discovered by either the Cooperative, the 2.7.3 AES or the Member-Consumer, the error will be corrected and revised bills, as appropriate for the Member-Consumer and/or AES, will be calculated and settled on the next billing period after the error is discovered. Billing errors discovered by the Cooperative shall be adjusted as provided for in the Commission's applicable billing rules.

#### **Disconnection of Service**

The Cooperative is the only Person allowed to physically disconnect service to a Member-Consumer. Disconnection of service to a Member-Consumer for non-payment of the Cooperative's bill or for any violation of the Cooperative's tariffs shall be in accordance with applicable Commission rules and Cooperative tariffs. The Cooperative shall notify the AES in writing of the intent to disconnect and the date and time of actual disconnection. The Cooperative shall not be liable for any losses to the AES due to disconnection.

(Continued on Sheet No. 28.12)

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(Continued from Sheet No. 28.11)

#### 3.0 ALTERNATIVE ELECTRIC SUPPLIER SECTION

#### 3.1 Availability

The AES will not be eligible to enroll Member-Consumers unless and until the following conditions have been satisfied and continue to be satisfied. The AES has sole responsibility for conditions 3.1.1, 3.1.2, and 3.1.3. The Cooperative will check and verify conditions 3.1.4 and 3.1.5.

- 3.1.1 The AES has been granted a license by the Commission.
- 3.1.2 The AES has obtained and maintains a Member-Consumer-signed Enrollment indicating that the Member-Consumer has chosen to switch its Generation Service to the AES.
- 3.1.3 The AES has executed agreements with the appropriate Transmission Service Provider(s).
- 3.1.4 The AES has demonstrated its capability to meet the Cooperative's defined standards and protocols for Uniform Data Transactions.
- 3.1.5 The AES has executed a Retail Access Service agreement (which may include, but is not limited to, a portfolio of Member-Consumers, negotiated services, etc.) with the Cooperative and complied with the Cooperative's Member-Consumer enrollment requirements to prevent Slamming.

#### 3.2 Switch and Drop Requests

- 3.2.1 Switch Requests and Drop Requests will be handled in accordance with Section 2.4 of this tariff and will be accepted for processing by the Cooperative.
- 3.2.2 When a Member-Consumer requests to discontinue receiving Generation Service from the AES or when the AES's service is being discontinued for any reason, the AES shall transmit a Member-Consumer Drop Request to the Cooperative via a Uniform Data Transaction within no more than three (3) business days.

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(Continued on Sheet No. 28.13)

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(Continued from Sheet No. 28.12)

#### 3.3 Billing

- 3.3.1 Unless otherwise agreed, the Cooperative and the AES will separately bill the Member-Consumer for the respective services provided by each. The Member-Consumer will receive separate bills for services provided and is responsible for making payments to the Cooperative for service provided in accordance with requirements of the Cooperative as set forth in the applicable billing rules and Commission approved tariffs.
- 3.3.2 The Cooperative may elect to offer a service where it bills the Member-Consumer for services that the Cooperative provides as well as services provided by the AES. If the Cooperative bills for AES charges, the following conditions will apply:
  - A) The Cooperative and the AES must have entered into a billing agreement that specifies the terms and conditions under which such billing will occur.
  - B) Any discrepancies in charges collected and remitted will be corrected and reflected in the subsequent billing cycles.
  - C) Payments received from or on behalf of a Member-Consumer shall be applied in the following order:
    - 1. To the Member-Consumer's past due balance owed the Cooperative,
    - 2. To current balances due the Cooperative,
    - 3. To current balances due the Cooperative for other charges such as facilities or loan agreements, and
    - 4. To the AES for all balances due for services provided.
  - D) Optional Services (i.e., billing and remittance processing, credit and collections, meter read information, Member-Consumer information, etc.) may be provided by the Cooperative pursuant to terms negotiated with the AES, and shall be offered on a non-discriminatory basis.
  - E) Amounts owed to the Cooperative by an AES may be deducted from the AES's Member-Consumer payments received by the Cooperative prior to remittance to the AES.
  - F) The Cooperative will not pursue collections action for any AES. (Continued on Sheet No. 28.14)

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(Continued from Sheet No. 28.13)

3.3.3 Unless otherwise specified by the Cooperative, all payments made to the Cooperative by the AES will be made by electronic funds transfer to the Cooperative's account.

## 3.4 Terms and Conditions of Service

- 3.4.1 The AES is responsible for providing Power to be transmitted by the appropriate Transmission Service Provider(s) to the Cooperative's Distribution Point of Receipt. The AES shall meet all obligations necessary to schedule Power to match the Member-Consumer's Load, subject to energy imbalance charges and penalties in accordance with the terms of the OATT of the Transmission Service Provider(s).
- 3.4.2 Retail Access Service may not commence until metering has been installed as specified in this Tariff as outlined in Section 2.5.
- 3.4.3 The AES will provide to the Cooperative or the Cooperative's designated recipient daily energy schedules for all services including losses associated with use of the Distribution System. The AES will provide verification that it has arranged for and scheduled transmission service to deliver Energy, the energy schedule has been approved by the Transmission Service Provider(s), and the AES has covered losses on the Transmission System(s).
- 3.4.4 The AES will pay the Cooperative under applicable tariffs for all applicable ancillary services, emergency energy services, standby and backup services provided by the Cooperative to the AES for the AES's Member-Consumer(s) from the service commencement date to the service termination date.
- 3.4.5 The Cooperative shall bill the AES for all associated switching fees incurred as a result of Slamming by the AES plus the actual administrative cost incurred for switching a slammed Member-Consumer from one rate service to another.
- 3.4.6 An AES shall not resell Member-Consumer account information or transfer it to other parties for any other purpose. The Cooperative will only release Member-Consumer data to the Member-Consumer or its authorized representative, which may be the AES.

(Continued on Sheet No. 28.15)

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(Continued from Sheet No. 28.14)

## 3.5 Distribution Power Losses

The AES is responsible for replacing losses associated with the delivery of Power to the Member-Consumer's meter. The amount that the AES shall cause to be delivered to the Cooperative's Distribution System will be the amount of Power delivered at the Member-Consumer's meter plus an amount to reflect loss factors. For calendar year 2004, the loss factors were as follows:

Primary Service 3.6%

Secondary Service 6.6%

Please contact the Cooperative to obtain the applicable loss factors for the current billing period.

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(Continued on Sheet No. 28.16)

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(Continued from Sheet No. 28.15)

#### 4.0 DISPUTE RESOLUTION

- 4.1 The Cooperative shall have no duty or obligation to resolve any complaints or disputes between AESs and Member-Consumers.
- 4.2 The Cooperative shall have no duty or obligation to resolve any complaints or disputes between AESs or Member-Consumers and their Transmission Service Provider(s). Disputes involving a Transmission Service Provider's OATT shall be resolved using the dispute resolution procedures as described in the OATT.
- 4.3 In the event the AES has a dispute over the implementation of the Cooperative's Retail Access Service, then the AES shall provide the Cooperative with a statement of the dispute and the proposed resolution to the designated Cooperative contact. Upon receipt of the statement of dispute, the Cooperative shall attempt to resolve the dispute according to the following process:
- 4.3.1 The Cooperative will investigate the dispute and attempt to resolve the dispute informally in a manner that is satisfactory to both parties within five (5) business days of initial receipt of the statement of dispute.
- 4.3.2 If the dispute is not resolved in five (5) business days, the parties shall attempt to resolve the dispute by promptly appointing a senior representative of each party to attempt to mutually agree upon a resolution. The two senior representatives shall meet within ten (10) business days. If the two senior representatives cannot reach a resolution within a 30-day period, the dispute may, on demand of either party, be submitted to arbitration as provided in this section.
- 4.3.3 The dispute, if mutually agreed by the parties, may be submitted for resolution in accordance with the American Arbitration Association ("AAA") commercial arbitration rules. The judgment rendered by the arbitrator may be enforced in any court having jurisdiction of the subject matter and the parties.
- 4.3.4 The arbitrator may be determined by AAA.
- 4.3.5 The findings and award of the arbitrator shall be final and conclusive and shall be binding upon the parties, except as otherwise provided by law. Any award shall specify the manner and extent of the division of the costs between the parties.
- 4.4 Nothing in this section shall restrict the rights of any party to seek resolution of the dispute with the appropriate regulatory agency with jurisdiction.

(Continued on Sheet No. 28.17)

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(Continued from Sheet No. 28.16)

#### 5.0 LIABILITY AND EXCLUSIONS

- 5.1 In no event will the Cooperative or its suppliers be liable under any cause of action relating to the subject matter of this tariff, whether based on contract, warranty, tort (including negligence), strict liability, indemnity or otherwise for any incidental or consequential damages including but not limited to loss of use, interest charges, inability to operate full capacity, lost profits or claims of AESs or Member-Consumers.
- 5.2 The Cooperative will not be liable to an AES or Member-Consumer for damages caused by interruption of service, voltage or frequency variations, single-phase supply to three-phase lines, reversal of phase rotation, or carrier-current frequencies imposed by the Cooperative for system operations or equipment control, except such as result from the failure of the Cooperative to exercise reasonable care and skill in furnishing the service.
- 5.3 In no event will Cooperative be liable to an AES or Member-Consumer for loss of revenue or other losses due to meter or calculation errors or malfunctions. The Cooperative's sole obligation and the AES's or Member-Consumer's sole remedy will be for the Cooperative to repair or replace the meter and prepare revised bills as described in Section 2.7.3



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President and Chief Executive Officer

# LARGE POWER SERVICE RATE - CHOICE (Schedule LP-C)

#### Availability:

Subject to the Rules and Regulations of the Cooperative and its *Retail Access Service Tariff*, this schedule is available to Member-Consumers eligible to be taking service under the Cooperative's Large Power Service Rate, Schedule LP. Service under this rate is for delivery of power from the Point of Distribution Receipt to the Point of Distribution Delivery and is subject to the following conditions:

- 1. The Member-Consumer must have a Maximum Demand of at least 50 kW. Individual Member-Consumers receiving demand metered service and eligible to be taking service under the Cooperative's Schedule LP or Schedule C-APM may achieve the 50 kW Maximum Demand threshold by aggregating or summing the Maximum Demands for each metering point occurring during a single month. The applicable rate schedule will apply to all aggregated metering points on an individual account basis. No more than 30% of the total number of member-consumers between 50 kW and 199 kW may be eligible for service under this tariff.
- 2. The Member-Consumer must enter a Retail Access Service Agreement with the Cooperative.
- 3. The transmission of power to the Distribution Point of Receipt and all related costs shall be the responsibility of the Member-Consumer and/or Alternative Electric Supplier (AES).
- 4. The Member-Consumer must agree to purchase any default energy delivered pursuant to Schedule RASS-Retail Access Standby Service in addition to the service specified herein.

#### Nature of Service:

Single or three phase, 60 hz service. The nature and level of the service voltage shall be determined in each case by the Cooperative.

Service at primary voltage is rendered when the Cooperative delivers power at standard distribution system voltages and the Member-Consumer provides, installs, and maintains all necessary transforming, controlling and protective equipment.

This load will be separately metered with a recording watt-hour demand meter that uses electronic memory for recording data.

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#### LARGE POWER SERVICE RATE - CHOICE

(Continued from Sheet No. 29.00)

#### Monthly Rate:

Monthly Charge: \$80

Demand Charge:

Maximum: \$1.20 / kW

Variable Distribution Charge \$.0150 / kWh

PSDF Charge \$.0050 / kWh

## Minimum Charge:

The Minimum Charge shall be the Monthly Charge plus **50** kW times the maximum Demand Charge, except that the minimum charge may be increased, in accordance with the Cooperative's rules and regulations, in those cases in which a greater than average investment is necessary to serve a Member-Consumer under this schedule.

#### Billing Demand:

The Maximum Demand shall be the highest 15-minute integrated demand created during the current and previous 11 billing months at each voltage level, whether the Member-Consumer received service under this tariff or another Cooperative retail tariff. The Cooperative reserves the right to make special determination of the billing demand and/or minimum charge should circumstances require.

## St. James and Peaine Townships Monthly Charge:

For Member-Consumers located in St. James and Peaine Townships, Charlevoix County, an additional \$10.25 per month shall be added to the above Monthly Charge.

## Terms of Payment:

A one-time late payment charge of 5% of the unpaid balance, excluding sales tax, will be assessed on any bill not paid by the due date.

The Cooperative will not collect any monies on behalf of any alternate power supplier, retailer, or other third party without a written agreement between the Cooperative, the Member-Consumer, and the third party.

(Continued on Sheet No. 29.02)

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#### LARGE POWER SERVICE RATE - CHOICE

(Continued from Sheet No. 29.01)

#### Tax Adjustments:

- A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other Member-Consumers from being compelled to share such local taxes.
- В. Bills shall be increased to offset any new or increased specific tax or excise imposed by any governmental authority which increases the Cooperative's cost of providing electric service.

## Power Supply Development Fund:

In accordance with Federal Energy Regulatory Commission Order in Docket Nos. ER04-132 and ER04-38, the Cooperative is required to pay its power supplier a Power Supply Development Fund (PSDF) Charge for the limited purpose of providing necessary cash reserves to allow the funding of future power supply options. Such future power supply options are to be available to a Member-Consumer which returns to the Cooperative's Full Requirements Service as described in Section 2.6 of the Cooperative's Retail Access Service Tariff, Original Sheet No. 28.09. To ensure that any PSDF funds collected through rates but ultimately unused for the limited purpose are returned to the Member-Consumer in a timely fashion, all such unused funds shall be returned to the Member-Consumer in the form of a capital credit retirement, which will be accomplished within twelve months of the date unused PSDF funds are received by the Cooperative from the Cooperative's power supplier. In such event, the capital credit retirement shall be sufficient to return all PSDF charges paid by the Member-Consumer

#### Primary Service and Metering:

When the Cooperative elects to meter the service on the primary side of the distribution transformer(s), 3% will be deducted from the Demand and Energy measurements for billing purposes.

Subject to the terms and conditions of the Retail Access Service Tariff, the Member-Consumer shall be responsible for any associated communication systems such as telephone line or other related equipment between the Cooperative, the Member-Consumer, and the third party.

#### Third Party Disputes:

The Cooperative has no obligation or duty to intervene, mediate or participate in contractual disputes between the Member-Consumer and its AES Supplier or third parties. Further, the Cooperative will not shut off service or otherwise enforce any provision of a contract between the Member-Consumer and any third party.

(Continued on Sheet No. 29.03)

Issued: December 1, 2005 By: Steven L. Boeckman

President and Chief Executive Officer

Michigan Public Service Commission December 5, 2005

## LARGE POWER SERVICE RATE - CHOICE

(Continued from Sheet No. 29.02)

## Rules and Regulations:

Service is governed by the Cooperative's Standard Rules and Regulations and the Cooperative's Retail Access Service Tariff.



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President and Chief Executive Officer

#### Availability:

Subject to the Rules and Regulations of the Cooperative and its *Retail Access Service Tariff*, this schedule is available to Member-Consumers eligible to be taking service under the Cooperative's Service for Commercial & Industrial Loads Automated Power Monitoring Rate, Schedule C-APM. Service under this rate is for delivery of power from the Point of Distribution Receipt to the Point of Distribution Delivery and is subject to the following conditions:

- 1. The Member-Consumer must have a Maximum Demand of at least 50 kW. Individual Member-Consumers receiving demand metered service at multiple metering points and eligible to be taking service under the Cooperative's Schedule LP or Schedule C-APM may achieve the 50 kW Maximum Demand threshold by aggregating or summing the Maximum Demands for each metering point occurring during a single month. The applicable rate schedule will apply to all aggregated metering points on an individual account basis. No more than 30% of the total number of member-consumers between 50 kW and 199 kW may be eligible for service under this tariff.
- 2. The Member-Consumer must enter a Retail Access Service Agreement with the Cooperative.
- 3. The transmission of power to the Distribution Point of Receipt and all related costs shall be the responsibility of the Member-Consumer and/or Alternative Electric Supplier (AES).
- 4. The Member-Consumer must agree to purchase any default energy delivered pursuant to Schedule RASS-Retail Access Standby Service.

## Nature of Service:

Single or three phase, 60 hz service. The nature and level of the service voltage shall be determined in each case by the Cooperative.

The service will be electronically metered with capabilities for monitoring and reporting demand, energy, voltage levels, and power interruptions.

This load will be separately metered with a recording watt-hour demand meter that uses electronic memory for recording data.

Service at primary voltage is rendered when the Cooperative delivers power at standard distribution system voltages and the Member-Consumer provides, installs, and maintains all necessary transforming, controlling and protective equipment.

(Continued on Sheet No. 30.01)

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President and Chief Executive Officer

Michigan Public Service
Commission

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(Continued from Sheet No. 30.00)

## Monthly Rate:

Monthly Charge: \$80

Demand Charge:

Maximum: \$3.58 / kW

Variable Distribution Charge: \$.0050 / kWh

PSDF Charge \$.0050 / kWh

## Minimum Charge:

The Minimum Charge shall be the Monthly Charge plus **50** kW times the maximum Demand Charge, except that the minimum charge may be increased, in accordance with the Cooperative's rules and regulations, in those cases in which a greater than average investment is necessary to serve a Member-Consumer under this schedule.

#### Billing Demand:

The Maximum Demand shall be the highest 15-minute integrated demand created during the current and previous 11 billing months at each voltage level, whether the Member-Consumer received service under this tariff or another Cooperative retail tariff. The Cooperative reserves the right to make special determination of the billing demand and/or minimum charge should circumstances require.

## Terms of Payment:

A one-time late payment charge of 5% of the unpaid balance, excluding sales tax, will be assessed on any bill not paid by the due date.

The Cooperative will not collect any monies on behalf of any alternate power supplier, retailer, or other third party without a written agreement between the Cooperative, the Member-Consumer, and the third party.

(Continued on Sheet No. 30.02)

Michigan Public Service
Commission

December 5, 2005

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Issued: **December 1, 2005**By: Steven L. Boeckman
President and Chief Executive Officer

On and After **January 1, 2006**Issued under the Authority of M.P.S.C. order
Dated **September 20, 2005** in Case No. **U-14573** 

(Continued from Sheet No. 30.01)

## Tax Adjustments:

- A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other Member-Consumers from being compelled to share such local taxes.
- B. Bills shall be increased to offset any new or increased specific tax or excise imposed by any governmental authority which increases the Cooperative's cost of providing electric service.

## Power Supply Development Fund:

In accordance with Federal Energy Regulatory Commission Order in Docket Nos. ER04-132 and ER04-38, the Cooperative is required to pay its power supplier a Power Supply Development Fund (PSDF) Charge for the limited purpose of providing necessary cash reserves to allow the funding of future power supply options. Such future power supply options are to be available to a Member-Consumer which returns to the Cooperative's Full Requirements Service as described in Section 2.6 of the Cooperative's Retail Access Service Tariff, Original Sheet No. 28.09. To ensure that any PSDF funds collected through rates but ultimately unused for the limited purpose are returned to the Member-Consumer in a timely fashion, all such unused funds shall be returned to the Member-Consumer in the form of a capital credit retirement, which will be accomplished within twelve months of the date unused PSDF funds are received by the Cooperative from the Cooperative's power supplier. In such event, the capital credit retirement shall be sufficient to return all PSDF charges paid by the Member-Consumer

#### Primary Service and Metering:

When the Cooperative elects to meter the service on the primary side of the distribution transformer(s), 3% will be deducted from the Demand and Energy measurements for billing purposes.

Subject to the terms and conditions of the *Retail Access Service Tariff*, the Member-Consumer shall be responsible for any associated communication systems such as telephone line, other related equipment between the Cooperative, the Member-Consumer, and the third party.

(Continued on Sheet No. 30.03)

Michigan Public Service
Commission

December 5, 2005

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Issued: **December 1, 2005** By: Steven L. Boeckman

President and Chief Executive Officer

(Continued from Sheet No. 30.02)

## Third Party Disputes:

The Cooperative has no obligation or duty to intervene, mediate or participate in contractual disputes between the Member-Consumer and its AES Supplier or third parties. Further, the Cooperative will not shut off service or otherwise enforce any provision of a contract between the Member-Consumer and any third party.

## Rules and Regulations:

Service is governed by the Cooperative's Standard Rules and Regulations and the Cooperative's *Retail Access Service Tariff*.



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President and Chief Executive Officer

## Availability:

Subject to the Rules and Regulations of the Cooperative and its *Retail Access Service Tariff*, this schedule is available to Member-Consumers eligible to be taking service under the Cooperative's Service for Commercial & Industrial Loads Automated Power Monitoring Rate, Schedule D-APM. Service under this rate is for delivery of power from the Point of Distribution Receipt to the Point of Distribution Delivery and is subject to the following conditions:

- 1. The Member-Consumer must have a Maximum Demand of at least 200 kW. Individual Member-Consumers receiving demand metered service at multiple metering points and eligible to be taking service under the Cooperative's Schedule LP or Schedule C-APM may achieve the 200 kW Maximum Demand threshold by aggregating or summing the Maximum Demands for each metering point occurring during a single month. The applicable rate schedule will apply to all aggregated metering points on an individual account basis.
- 2. The Member-Consumer must enter a Retail Access Service Agreement with the Cooperative.
- 3. The transmission of power to the Distribution Point of Receipt and all related costs shall be the responsibility of the Member-Consumer and/or Alternative Electric Supplier (AES).
- 4. The Member-Consumer must agree to purchase any default energy delivered pursuant to Schedule RASS-Retail Access Standby Service.

#### Nature of Service:

Primary three phase 60 hz service. The nature and level of the service voltage shall be determined in each case by the Cooperative.

Where service is supplied at a nominal voltage of 25,000 volts or less, the Member-Consumer shall furnish, install and maintain all necessary transforming, controlling and protective equipment.

Where the Cooperative elects to measure the service at a nominal voltage of less than 2,400 volts, 3% shall be added to the Demand and Energy quantities for billing purposes.

The service will be electronically metered with capabilities for monitoring and reporting demand, energy, voltage levels, and power interruptions.

This load will be separately metered with a recording watt-hour demand meter that uses electronic memory for recording data.

(Continued on Sheet No. 31.01)

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President and Chief Executive Officer

Michigan Public Service
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December 5, 2005
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(Continued from Sheet No. 31.00)

Service at primary voltage is rendered when the Cooperative delivers power at standard distribution system voltages and the Member-Consumer provides, installs, and maintains all necessary transforming, controlling and protective equipment.

#### Monthly Rate:

Monthly Charge: \$240

**Demand Charges:** 

Maximum: \$3.50 / kW

Variable Distribution Charge: \$.00521 / kWh

**PSDF** Charge \$.0050 / kWh

## Minimum Charges:

The Minimum Charge shall be the Monthly Charge plus 200 kW times the maximum Demand Charge as stated in the Monthly Rate above except that the minimum charge may be increased, in accordance with the Cooperative's rules and regulations, in those cases in which a greater than average investment is necessary to serve a Member-Consumer under this schedule.

#### Billing Demands:

The Maximum Demand shall be the highest 15-minute integrated demand created during the current and previous 11 billing months at each voltage level, whether the Member-Consumer received service under this tariff or another Cooperative retail tariff. The Cooperative reserves the right to make special determination of the billing demand and/or minimum charge should circumstances require.

#### Terms of Payment:

A one-time late payment charge of 5% of the unpaid balance, excluding sales tax, will be assessed on any bill not paid by the due date.

The Cooperative will not collect any monies on behalf of any alternate power supplier, retailer, or other third party without a written agreement between the Cooperative, the Member-Consumer, and the third party.

(Continued on Sheet No. 31.02)

Issued: December 1, 2005 By: Steven L. Boeckman President and Chief Executive Officer

Michigan Public Service Commission December 5, 2005

(Continued from Sheet No. 31.01)

#### Tax Adjustments:

- A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other Member-Consumers from being compelled to share such local taxes.
- B. Bills shall be increased to offset any new or increased specific tax or excise imposed by any governmental authority which increases the Cooperative's cost of providing electric service.

#### Power Supply Development Fund:

In accordance with Federal Energy Regulatory Commission Order in Docket Nos. ER04-132 and ER04-38, the Cooperative is required to pay its power supplier a Power Supply Development Fund (PSDF) Charge for the limited purpose of providing necessary cash reserves to allow the funding of future power supply options. Such future power supply options are to be available to a Member-Consumer which returns to the Cooperative's Full Requirements Service as described in Section 2.6 of the Cooperative's Retail Access Service Tariff, Original Sheet No. 28.09. To ensure that any PSDF funds collected through rates but ultimately unused for the limited purpose are returned to the Member-Consumer in a timely fashion, all such unused funds shall be returned to the Member-Consumer in the form of a capital credit retirement, which will be accomplished within twelve months of the date unused PSDF funds are received by the Cooperative from the Cooperative's power supplier. In such event, the capital credit retirement shall be sufficient to return all PSDF charges paid by the Member-Consumer.

## Metering:

Subject to the terms and conditions of the *Retail Access Service Tariff*, the Member-Consumer shall be responsible for any associated communication systems such as telephone lines, other related equipment between the Cooperative, the Member-Consumer, and the third party.

## Third Party Disputes:

The Cooperative has no obligation or duty to intervene, mediate or participate in contractual disputes between the Member-Consumer and its AES Supplier or third parties. Further, the Cooperative will not shut off service or otherwise enforce any provision of a contract between the Member-Consumer and any third party.

#### Rules and Regulations:

Service is governed by the Cooperative's Standard Rules and Regulations and the Cooperative's *Retail Access Service Tariff*.

Issued: **December 1, 2005**By: Steven L. Boeckman
President and Chief Executive Officer

Michigan Public Service
Commission

December 5, 2005

# PRIMARY SERVICE RATE - CHOICE (Schedule PSDS-C)

## Availability:

Subject to the Rules and Regulations of the Cooperative and its *Retail Access Service Tariff*, this schedule is available to Member-Consumers eligible to be taking service under the Cooperative's Primary Service Rate, Schedule PSDS. Service under this rate is for delivery of power from the Point of Distribution Receipt to the Point of Distribution Delivery and is subject to the following conditions:

- 1. The Member-Consumer must have a Maximum Demand of at least 500 kW. Individual Member-Consumers receiving demand metered service at multiple metering points and eligible to be taking service under the Cooperative's Schedule LP, Schedule C-APM or Schedule D-APM may achieve the 500 kW Maximum Demand threshold by aggregating or summing the Maximum Demands for each metering point occurring during a single month. The applicable rate schedule will apply to all aggregated metering points on an individual account basis.
- 2. The Member-Consumer must enter a Retail Access Service Agreement with the Cooperative.
- 3. The transmission of power to the Distribution Point of Receipt and all related costs shall be the responsibility of the Member-Consumer and/or Alternative Electric Supplier (AES).
- 4. The Member-Consumer must agree to purchase any default energy delivered pursuant to Schedule RASS-Retail Access Standby Service.

#### Nature of Service:

Primary three phase 60 hz service. The nature and level of the service voltage shall be determined in each case by the Cooperative.

Where service is supplied at a nominal voltage of 25,000 volts or less, the Member-Consumer shall furnish, install and maintain all necessary transforming, controlling and protective equipment.

The service will be electronically metered with capabilities for monitoring and reporting demand, energy, voltage levels, and power interruptions.

This load will be separately metered with a recording watt-hour demand meter that uses electronic memory for recording data.

(Continued on Sheet No. 32.01)

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President and Chief Executive Officer



## PRIMARY SERVICE RATE - CHOICE

(Schedule PSDS-C)

(Continued from Sheet No. 32.00)

#### Monthly Rate:

Monthly Charge: \$240

Demand Charges:

Maximum: \$1.50 / kW

Variable Distribution Charge: \$.00271 / kWh

PSDF Charge \$.0050 / kWh

## Minimum Charges:

The Minimum Charge shall be the Monthly Charge plus 500 kW times the maximum Demand Charge as stated in the Monthly Rate above except that the minimum charge may be increased, in accordance with the Cooperative's rules and regulations, in those cases in which a greater than average investment is necessary to serve a Member-Consumer under this schedule.

#### **Billing Demands:**

The Maximum Demand shall be the highest 15-minute integrated demand created during the current and previous 11 billing months at each voltage level, whether the Member-Consumer received service under this tariff or another Cooperative retail tariff. The Cooperative reserves the right to make special determination of the billing demand and/or minimum charge should circumstances require.

#### Terms of Payment:

A one-time late payment charge of 5% of the unpaid balance, excluding sales tax, will be assessed on any bill not paid by the due date.

The Cooperative will not collect any monies on behalf of any alternate power supplier, retailer, or other third party without a written agreement between the Cooperative, the Member-Consumer, and the third party.

#### Tax Adjustments:

A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other Member-Consumers from being compelled to share such local taxes.

(Continued on Sheet No. 32.02)

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President and Chief Executive Officer

## PRIMARY SERVICE RATE - CHOICE (Schedule PSDS-C)

(Continued from Sheet No. 32.01)

B. Bills shall be increased to offset any new or increased specific tax or excise imposed by any governmental authority which increases the Cooperative's cost of providing electric service.

## Power Supply Development Fund:

In accordance with Federal Energy Regulatory Commission Order in Docket Nos. ER04-132 and ER04-38, the Cooperative is required to pay its power supplier a Power Supply Development Fund (PSDF) Charge for the limited purpose of providing necessary cash reserves to allow the funding of future power supply options. Such future power supply options are to be available to a Member-Consumer which returns to the Cooperative's Full Requirements Service as described in Section 2.6 of the Cooperative's Retail Access Service Tariff, Original Sheet No. 28.09. To ensure that any PSDF funds collected through rates but ultimately unused for the limited purpose are returned to the Member-Consumer in a timely fashion, all such unused funds shall be returned to the Member- Consumer in the form of a capital credit retirement, which will be accomplished within twelve months of the date unused PSDF funds are received by the Cooperative from the Cooperative's power supplier. In such event, the capital credit retirement shall be sufficient to return all PSDF charges paid by the Member-Consumer.

## Metering:

Subject to the terms and conditions of the *Retail Access Service Tariff*, the Member-Consumer shall be responsible for any associated communication systems such as telephone lines, other related equipment between the Cooperative, the Member-Consumer, and the third party.

#### Third Party Disputes:

The Cooperative has no obligation or duty to intervene, mediate or participate in contractual disputes between the Member-Consumer and its AES Supplier or third parties. Further, the Cooperative will not shut off service or otherwise enforce any provision of a contract between the Member-Consumer and any third party.

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Issued: **December 1, 2005**By: Steven L. Boeckman

President and Chief Executive Officer

## **NET METERING PROGRAM**

## **Availability**

This rate is available only to member-consumers who operate renewable electric generation facilities that are interconnected with the Cooperative's system who generate a portion or all of their own retail electricity from renewable energy resources as defined herein.

The Cooperative may restrict or deny service under this Schedule once the Cooperative is providing service under this Schedule to member-consumers whose combined total connected generation equals either 0.1% (one tenth of one percent) of the Cooperative's previous year's peak demand (measured in kW) or 100 kW, whichever is greater.

## Net Metering Definition

Net metering under this Schedule is an accounting mechanism whereby member-consumers who generate a portion or all of their own retail electricity needs and put their excess generation, if any, on the Cooperative's system can receive a billing credit equal to the Cooperatives wholesale cost of energy, adjusted to include line losses, in accordance with this Schedule. For biomass systems blending fossil-fuel, the generation credit shall apply only to the output associated with the renewable fuel and exclude the output from the fossilfuel. The member-consumer's generator output in excess of the total metered usage shall be carried over to the next month's billing period.

Service under this Schedule shall be pursuant to the following terms and conditions.

Service under this Schedule is limited to member-consumers who operate renewable energy source electric generating technologies as provided in 2000 P.A. 141, section 10g(l)(f) (MCL 460.10g(l)(f)). This is defined as "energy generated by solar, wind, geothermal, biomass, including waste-to-energy and landfill gas, or hydroelectric." Biomass systems are allowed to blend up to 25% fossil-fuel as needed to ensure safe, environmentally sound operation of the system. A member-consumer using biomass blended with fossil-fuel as their renewable energy source must submit proof to the Cooperative substantiating the percentage of fossil fuel blend either by (1) separately metering the fossil fuel, or (2) providing other documentation that will allow the Cooperative to correctly apply a generation credit to the output associated with the member-consumer's renewable fuel only. Michigan Public Service

(Continued on Sheet No. 33.01)

Issued: September 26, 2005 By: Steven L. Boeckman President and Chief Executive Officer

Boyne City, Michigan

Effective for electric bills rendered on and after the October 2005 billing month. Issued under the authority of the MPSC order dated March 29, 2005 in Case No. U-14346

Commission

October 21, 2005

## **NET METERING PROGRAM**

(Continued from Sheet No. 33.00)

Eligibility for participation in the net metering program is limited to member-consumers taking bundled service (non-interruptible) from the Cooperative. The eligible facilities must be installed on the member-consumer's premises.

The maximum size of electric generators eligible for net metering treatment is less than 30 kW. To qualify for this Schedule, member-consumer generation systems will be limited in size, not to exceed the member-consumer's self-service needs. Non-dispatchable generation systems (e.g., wind and solar) shall be sized not to exceed the member-consumer's annual energy needs, measured in kilowatt-hours (kWh). Dispatchable systems shall be sized not to exceed the member-consumer's capacity needs, measured in kilowatts (kW).

If a member-consumer has more than one generator, to qualify for this Schedule, the total capacity of the generators shall be less than 30 kW.

#### Monthly Rate

Deliveries from the Cooperative to the member-consumer shall be billed in accordance with the standard applicable rate schedules of the Cooperative.

## Customer Credits for Net Excess Generation (NEG)

NEG represents the amount of electric generation by the member-consumer beyond the memberconsumer's own metered usage which is delivered to the Cooperative during the billing period. Deliveries from the member-consumer to the Cooperative shall be credited at the Cooperative's wholesale cost of energy, adjusted for line losses. The dollar amount credited to the memberconsumer shall not exceed the dollar amount the Cooperative bills the customer for its energy consumption in any billing period. Instead, the net excess dollar amount shall be allowed to accumulate as a NEG credit to offset the member-consumer's energy charges in the next billing period.

NEG credits, if any, will be carried over from month to month. Following the memberconsumer's December billing cycle, the member-consumer's credits balance will be reset to zero. Any unused NEG credits will be retained by the Cooperative to offset costs associated with the operation of the net metering program. Michigan Public Service

(Continued on Sheet No. 33.02)

Issued: September 26, 2005 By: Steven L. Boeckman President and Chief Executive Officer

Boyne City, Michigan

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October 21, 2005

MPSC order dated March 29, 2005 in

Case No. U-14346

## **NET METERING PROGRAM**

(Continued from Sheet No. 33.01)

#### Interconnection

All application fees, procedures, and requirements for interconnecting net metering generators will be those contained in the Commission's Electric Interconnection Standards Rules (R 460.48 1-460.489) and the Cooperative's associated Commission-approved Generator Interconnection Requirements.

In accordance with the interconnection rules and requirements, facilities must be designed and operated in parallel with the Cooperative's system without adversely affecting the operation of equipment and service or presenting any safety hazards.

The interconnection rules and requirements will be applied to determine whether any additional equipment is required to complete the interconnection and to calculate and determine the assignment of equipment costs. The member-consumer shall pay all costs incurred by the Cooperative to install appropriate metering technology to allow the Cooperative to separately measure the member-consumer's consumption and generation above the cost of a standard meter that would be installed if the member-consumer were not taking service under this Schedule.

#### **Duration of Service**

Service under this Schedule shall be open to member-consumers for a period of five years from the effective date of this Schedule. Member-consumers that participate under the program shall be allowed to take service under this Schedule for a minimum of ten years.



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