

Revenue Requirements Summary
Test Year Ended December 31, 2005

Target TIER = 1.8

(a)		(b)	(c)	(d)	(e)
			Adjusted Test Year Per Exhibits	Adjusted Test Year Per Cost of Service Study	Adjusted
Line No.	Description		SLB-2, 3, & 4	Adjustment ¹	Amount
			(\$)	(\$)	(\$)
1	Operating Revenue		122,154,275	6,087,398	128,241,673
2	Less: Operating Expense		123,820,599	6,916,965	130,737,564
3	Net Operating Margin		(1,666,324)	(829,567)	(2,495,891)
4	Non-Operating Income		383,426	-	383,426
5	Net Margin		(1,282,898)	(829,567)	(2,112,465)
6	Interest Expense		6,235,903	-	6,235,903
7	TIER		0.79		0.66
8	Req. Margin to Yield TIER = 1.8		4,988,722		4,988,722
9	Req. Increase to Yield TIER = 1.8		6,271,620		7,101,187
10	Revenue Retail Rates Only		120,630,455	6,254,789	126,885,244
11	Increase as % of Revenue		5.20		5.60
12					
13	Proposed Increase		6,019,460		6,019,460
14	Proposed Increase as % of Revenue		4.99		4.74

1. The Adjustments column includes \$1,297,906 audit adjustments to Sales of Electricity and Purchased Power. These adjustments are offsetting (no margin impact) and were made subsequent to initial filing and were not included in Steven L. Boeckman's (SLB) exhibits. They are included in the Actual Test Year (col. (c)) on Exhibit JCL-3 and do not appear as adjustments.

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

Original Sheet No. 10.00

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	@ \$10.00
Energy Charge	@ \$0.0835 per kWh

St. James and Peaine Townships Monthly Charge

For member-consumer-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: 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

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

Original Sheet No. 10.01

RESIDENTIAL SERVICE RATE
(Schedule A)
(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. 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, on 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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By: Steven L. Boeckman
President and Chief Executive Officer

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

Original Sheet No. 11.00

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

<i>Quarterly Availability Charge</i>	@ \$36.00
<i>Energy Charge</i>	@ \$0.0941 per kWh

Monthly Rate - For member-consumer with automatic meter reading

Monthly <i>Availability</i> Charge	@ \$12.00
Energy Charge	@ \$0.0941 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.

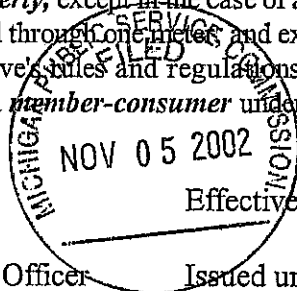
Minimum Charge:

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

Original Sheet No. 11.01

ALTERNATIVE RESIDENTIAL SERVICE
(Schedule A-S - con't)

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.

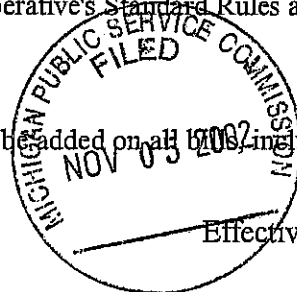
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M.P.S.C. No. 1 - Electric
Great Lakes Energy Cooperative

Original Sheet No. 12.00

CONTROLLED HEATING
Schedule CH

Availability:

Available to members of the Cooperative already taking monthly service concurrently under Rate Schedules A or GS. 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.



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

Original Sheet No. 12.01

CONTROLLED HEATING
(Schedule CH - con't)

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.

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

Original Sheet No. 13.00

PARTIAL CONTROLLED HEATING SERVICES
(Schedule PCH)

Availability

Available to members taking monthly service concurrently under Rate Schedules A or GS. 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

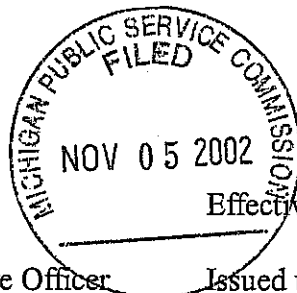
Energy Charge for Controlled Load

As set forth in Schedule A or GS, whichever is applicable, including the power supply cost recovery provision, discounted @ 1.5¢ 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.

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

Original Sheet No. 13.01

PARTIAL CONTROLLED HEATING SERVICES
(Schedule PCH - con't)

- 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.

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

Original Sheet No. 14.00

CONTROLLED WATER HEATER SERVICE
(Schedule CWH)

Availability:

Available to members of the Cooperative already taking monthly service concurrently under Rate Schedules A or GS (single phase service), who desire controlled water heating service. 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.



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

Original Sheet No. 14.01

CONTROLLED WATER HEATER SERVICE
(Schedule CWH - con't)

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.

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

Original Sheet No. 15.00

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.

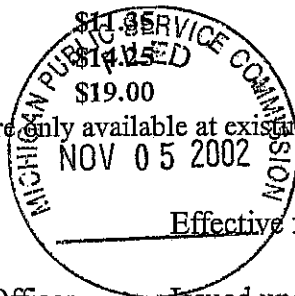
Monthly Rate

Nominal Rating	
175 Watts MV*	\$ 7.95
250 Watts MV*	\$10.20
400 Watts MV*	\$14.25
100 Watts HPS	\$ 8.00
150 Watts HPS	\$11.85
250 Watts HPS	\$14.25
400 Watts HPS	\$19.00
*Mercury Vapor Lights are only available at existing installations.	

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President and Chief Executive Officer

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OUTDOOR LIGHTING SERVICE
(Schedule OL - con't)

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.

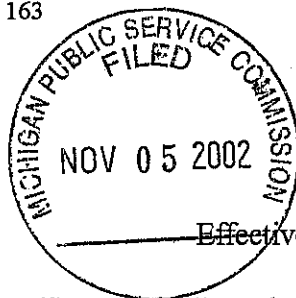
Sales Tax:

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

Power Supply Cost Recovery Clause and Factor

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:

	<u>kWh</u>
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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M.P.S.C. No. 1 - Electric
Great Lakes Energy Cooperative

Original Sheet No. 15.02

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

Original Sheet No. 16.00

GENERAL SERVICE
(Schedule GS)

Availability:

Available to member-consumers of Great Lakes Energy Cooperative for all uses subjects 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 Member-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: *\$15.00*

Three Phase: *\$32.10*

Energy Charge: *\$0.0905 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 Member-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.

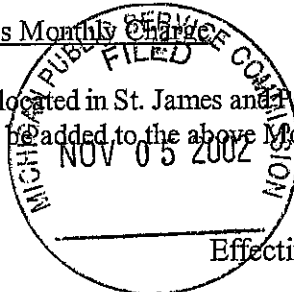
St. James and Peaine Townships Monthly Charge

For member-consumer 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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M.P.S.C. No. 1 - Electric
Great Lakes Energy Cooperative

Original Sheet No. 16.01

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.



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

Original Sheet No. 17.00

**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.

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:

Monthly Charge:	\$80
Demand Charge:	
Maximum:	\$6.71 / kW
Energy Charge:	\$.0579 / 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.

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. 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.



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By: Steven L. Boeckman
President and Chief Executive Officer

Effective for service on and after August 20, 2002

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

Original Sheet No. 17.01

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

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.

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.

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:

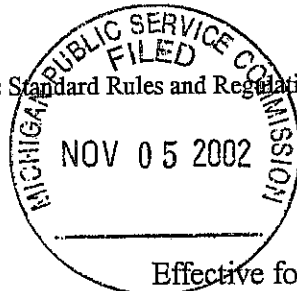
- A. Bills shall be increased within the limits of political subdivisions which levy special taxes, license fees or rentals against the Cooperative's property, or its operations, or the production and/or sale of electric energy, to offset such special charges and thereby prevent other member-consumers 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 transformer(s), 3% will be deducted from the Demand and Energy measurements for billing purposes.

Rules and Regulations:

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



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

Original Sheet No. 18.00

C - APM

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.

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.

Monthly Rate:

Monthly Charge:	\$80
Demand Charge:	
Maximum:	\$9.08 / kW
Energy Charge:	\$0.0479 / 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.



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

Original Sheet No. 18.01

C-APM

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

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. 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.

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.

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.



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

Original Sheet No. 18.02

C-APM

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

- 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, Reactive and Energy measurements for billing purposes.

Rules and Regulations:

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



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

Original Sheet No. 19.00

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.

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.

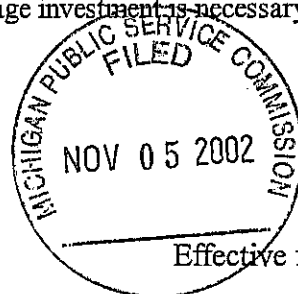
The service will be electronically metered with capabilities for monitoring and reporting demand, energy, voltage levels, and power interruptions.

Monthly Rate:

Monthly Charge:	\$240
Demand Charges:	
Maximum:	\$3.50 / kW
System Coincident:	\$7.16 / kW
Energy Charge:	\$.03855 / kWh
Reactive Charge:	\$0.250 / 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 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



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

Original Sheet No. 19.01

D-APM

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

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 based on the Member'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.

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.

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.



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

Original Sheet No. 19.02

D-APM

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

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

Original Sheet No. 20.00

F-INT-APM

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

Availability:

Available for commercial and industrial member-consumers that desiring 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:

Demand Charge	\$9.50/kW
Energy Charge:	3.85¢/kWh
Reactive Charge:	\$0.2975 / 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. The member consumer shall also pay \$0.12 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.

Minimum Charges:

The Minimum Charge shall be 100kW 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 regulation, in those cases in which a greater than average investment is necessary to serve a member-consumer under this schedule.

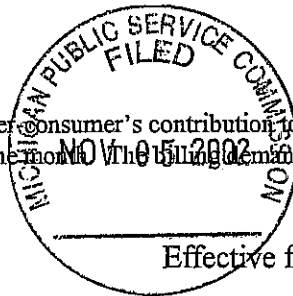
Billing Demand:

The Billing 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.

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

Original Sheet No. 20.01

F-INT-APM

**INTERRUPTIBLE
SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS
AUTOMATED POWER MONITORING
(con't)**

Conditions for Service from this Schedule:

This service shall be available for service to interruptible commercial or industrial member-consumer taking service with a load which 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 our 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 specific number of occurrences. Total interruptions excluding emergency interruption 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.

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.



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

Original Sheet No. 20.02

F-INT-APM

**INTERRUPTIBLE
SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS
AUTOMATED POWER MONITORING
(cont)**

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 Regulation.



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

Original Sheet No. 21.00

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: CAPM, D-APM or F-INT.

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

The member-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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M.P.S.C. No. 1 - Electric
Great Lakes Energy Cooperative

Original Sheet No. 21.01

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

Original Sheet No. 21.02

GS-APM

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

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. _____ and _____

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:

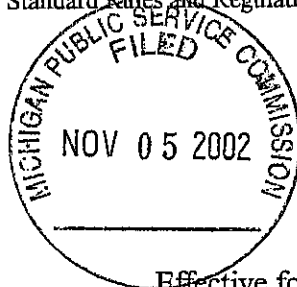
A one-time late payment charge of 5% of the unpaid balance, excluding sales tax, will be assessed on any bill not paid by the due date.

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 as 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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M.P.S.C. No. 1 - Electric
Great Lakes Energy Cooperative

Original Sheet No. 22.00

PRIMARY SERVICE RATE
(Schedule PSDS)

Availability:

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

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.

Monthly Rate:

Monthly Charge:	\$240
Demand Charges:	
Maximum:	\$1.50 / kW
System Coincident:	\$7.16 / kW
Energy Charge:	\$.03605 / kWh
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 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



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

Original Sheet No. 22.01

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

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 based on the Member'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.

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 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 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.

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.



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Great Lakes Energy Cooperative

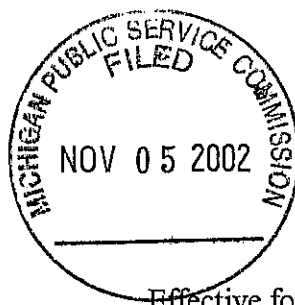
Original Sheet No. 22.02

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

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

Original Sheet No. 23.00

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

Original Sheet No. 23.01

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

Original Sheet No. 23.02

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

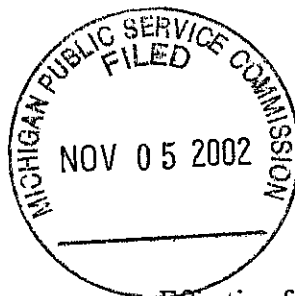
This rate schedule is subject to the Cooperative's Power Supply Cost Recovery Clause as set forth on Sheet Nos. *25.00 and 25.01*.

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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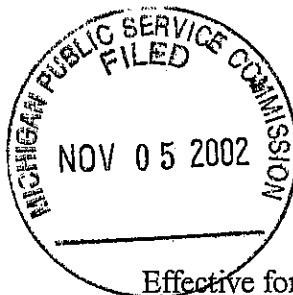
Original Sheet No. 24.00

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

Original Sheet No. 25.00

Great Lakes Energy Cooperative
Power Supply Cost Recovery Clause

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-consumers' 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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M.P.S.C. No. 1 – Electric
Great Lakes Energy Cooperative

Tenth Revised Sheet No. 25.01
Cancels **Ninth** Revised Sheet No. 25.01

Not less than once a year and not later than 3 months after the end of the 12-month period covered by 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 expended 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 expended by Cooperative for power supply.

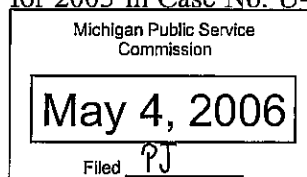
For the **four (4)** months ending **April**, 2006 the Power Supply Cost Recovery Factor is **\$0.00716** per kWh. The allowance for cost of power supply included in base rates is \$0.05906 per kWh.

For the **eight (8)** months ending **December**, 2006 the Power Supply Cost Recovery Factor is **\$0.01288** per kWh. The allowance for cost of power supply included in base rates is \$0.05906 per kWh.

The following factors are applied pursuant to 1982 PA 304 in the 12 billing months ending December 2006:

<u>Year</u>	<u>Month</u>	2006 Plan <u>Year</u> (per kWh)	*Prior Years Over/Under <u>Recovery</u> (per kWh)	Maximum Authorized 2006 PSCR <u>Factor</u> (per kWh)	Actual Factor <u>Billed</u> (per kWh)
2006	January	\$0.00550	\$0.00166	\$0.00716	\$0.00716
2006	February	\$0.00550	\$0.00166	\$0.00716	\$0.00716
2006	March	\$0.00550	\$0.00166	\$0.00716	\$0.00716
2006	April	\$0.00550	\$0.00166	\$0.00716	\$0.00716
2006	May	\$0.00932	\$0.00356	\$0.01288	\$0.01288
2006	June	\$0.00932	\$0.00356	\$0.01288	
2006	July	\$0.00932	\$0.00356	\$0.01288	
2006	August	\$0.00932	\$0.00356	\$0.01288	
2006	September	\$0.00932	\$0.00356	\$0.01288	
2006	October	\$0.00932	\$0.00356	\$0.01288	
2006	November	\$0.00932	\$0.00356	\$0.01288	
2006	December	\$0.00932	\$0.00356	\$0.01288	

*Includes prior year PSCR reconciliations for 2003 in Case No. U-13562, 2004 in Case No. U-13913, and 2005 projected underrecovery.



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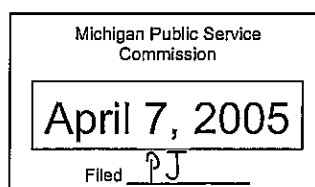
M.P.S.C. No. 1 - Electric
Great Lakes Energy Cooperative

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

SCHEDULE LPRAS

LARGE POWER RETAIL ACCESS SERVICE

THIS SHEET IS CANCELLED



Issued: **March 23, 2005**
By **Steven L. Boeckman**
President and Chief Executive Officer

Effective for **all Open Access Service** rendered
On and After **May 25, 2005**
Issued under the Authority of M.P.S.C. order
Dated **2/24/05** in Case No. **U-14183**

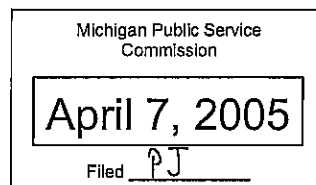
M.P.S.C. No. 1 - Electric
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First Revised Sheet No. 26.01
Cancels Original Sheet No. 26.01

SCHEDULE LPRAS

LARGE POWER RETAIL ACCESS SERVICE

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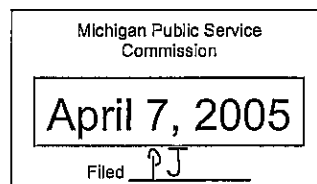
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SCHEDULE LPRAS

LARGE POWER RETAIL ACCESS SERVICE

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M.P.S.C. No. 1 – Electric
Great Lakes Energy Cooperative
(To Update Footer Only)

Second Revised Sheet No. 27.00
Cancels First Revised Sheet No. 27.00

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.

(Continued on Sheet No. 27.01)

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M.P.S.C. No. 1 – Electric
Great Lakes Energy Cooperative
(To Update Footer Only)

Second Revised Sheet No. 27.01
Cancels First Revised Sheet No. 27.01

SCHEDULE RASS

RETAIL ACCESS STANDBY SERVICE

(Continued from Sheet No. 27.00)

Terms of Payment

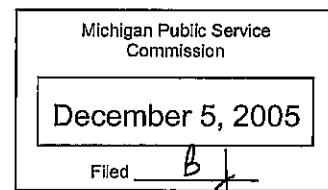
1. Monthly bills for Standby Service rendered by the Cooperative are due and payable on or before the due date listed on the bill.
2. The above rates are net. A one-time late payment charge of five (5%) percent of the unpaid balance, excluding sales tax, will be assessed on any bill for Standby Service 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.



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

Second Revised Sheet No. 28.00
Cancels **First Revised Sheet No. 28.00**

RETAIL ACCESS SERVICE TARIFF

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

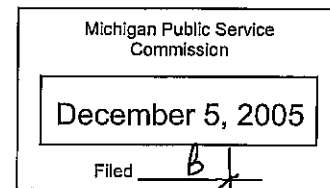
When a Member-Consumer participates in Retail Access Service and obtains Generation Services from an Alternative Electric Supplier (AES), the Cooperative will maintain a relationship and interact with the separate participants – including the Member-Consumer, the Transmission Service Provider, and the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

(Continued on Sheet No. 28.01)



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Great Lakes Energy Cooperative
(To Update Footer Only)

Second Revised Sheet No. 28.01
Cancels First Revised Sheet No. 28.01

RETAIL ACCESS SERVICE TARIFF
(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)

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M.P.S.C. No. 1 – Electric
Great Lakes Energy Cooperative
(To Update Footer Only)

Second Revised Sheet No. 28.02
Cancels First Revised Sheet No. 28.02

RETAIL ACCESS SERVICE TARIFF
(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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M.P.S.C. No. 1 – Electric
Great Lakes Energy Cooperative
(To Update Footer Only)

Second Revised Sheet No. 28.03
Cancels **First Revised Sheet No. 28.03**

RETAIL ACCESS SERVICE TARIFF
(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.

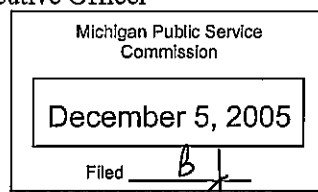
"Location" means each Member-Consumer facility, whether owned or leased, where power is delivered by the Cooperative.

"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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M.P.S.C. No. 1 – Electric
Great Lakes Energy Cooperative
(To Update Footer Only)

Second Revised Sheet No. 28.04
Cancels **First Revised Sheet No. 28.04**

RETAIL ACCESS SERVICE TARIFF
(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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Great Lakes Energy Cooperative
(To Update Footer Only)

Second Revised Sheet No. 28.05
Cancels First Revised Sheet No. 28.05

RETAIL ACCESS SERVICE TARIFF
(Continued from Sheet No. 28.04)

“*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.

(Continued on Sheet No. 28.06)

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By: Steven L. Boeckman
President and Chief Executive Officer

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

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

Second Revised Sheet No. 28.06
Cancels First Revised Sheet No. 28.06

RETAIL ACCESS SERVICE TARIFF
(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

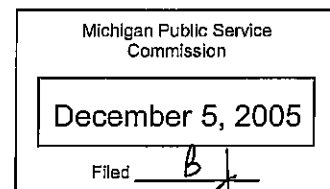
2.2.1 A Member-Consumer's eligibility to take Retail Access Service is subject to the full satisfaction of any terms or conditions imposed by pre-existing contracts with or tariffs of the Cooperative. Member-Consumers must have satisfied any past due amounts for Regulated Electric Service owed to the 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.

(Continued on Sheet No. 28.07)



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RETAIL ACCESS SERVICE TARIFF
(Continued from Sheet No. 28.06)

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.

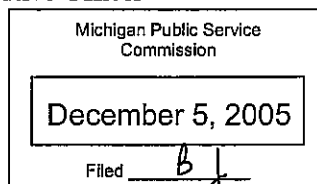
The Cooperative will normally validate a Switch Request within three (3) business days of the receipt of the Switch Request and will transmit a Switch Response to the AES. As part of the validation process, the Cooperative shall notify the Member-Consumer in writing that a Switch Request has been received 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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RETAIL ACCESS SERVICE TARIFF
(Continued from Sheet No. 28.07)

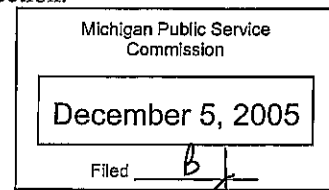
Cut-off time for the receipt of Switch Requests is eight (8) business days in advance of the Member-Consumer's Switch Date. In the case of errors or omissions in Switch Requests received by the Cooperative, final disposition of exceptions may take up to five (5) business days.

- 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.

(Continued on Sheet No. 28.09)



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Second Revised Sheet No. 28.09
Cancels First Revised Sheet No. 28.09

RETAIL ACCESS SERVICE TARIFF
(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.
- 2.5.6 Energy consumption and Demand for settlement purposes shall be based on the data from the Interval Demand Meters.
- 2.5.7 Where monthly metered Energy data is not available due to metering errors, 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.

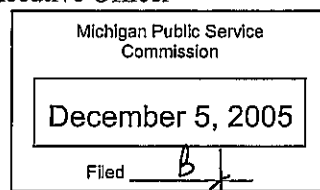
2.6 Return to Full Requirements Service

- 2.6.1 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 rate, or
 - B. 110% of the applicable Full Requirements Service Rate

(Continued on Sheet No. 28.10)

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Cancels **First Revised Sheet No. 28.10**

RETAIL ACCESS SERVICE TARIFF
(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.

(Continued on Sheet No. 28.11)

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Cancels First Revised Sheet No. 28.11

RETAIL ACCESS SERVICE TARIFF
(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.
- 2.7.3 Where incorrect billing results from an error discovered by either the Cooperative, the 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.

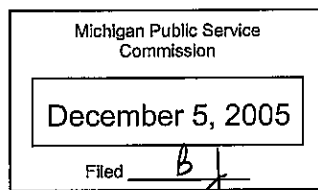
2.8 Disconnection of Service

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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RETAIL ACCESS SERVICE TARIFF
(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.

(Continued on Sheet No. 28.13)

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RETAIL ACCESS SERVICE TARIFF
(Continued from Sheet No. 28.12)

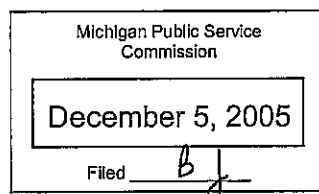
3.3 Billing

- 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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RETAIL ACCESS SERVICE TARIFF
(Continued from Sheet No. 28.13)

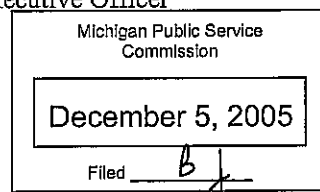
- 3.3.3 Unless otherwise specified by the Cooperative, all payments made to the Cooperative by the AES will be made by electronic funds transfer to the Cooperative's account.

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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RETAIL ACCESS SERVICE TARIFF
(Continued from Sheet No. 28.14)

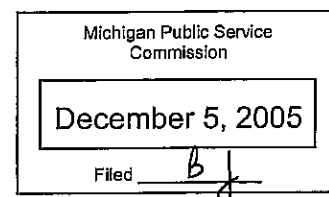
3.5 Distribution Power Losses

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.

(Continued on Sheet No. 28.16)



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RETAIL ACCESS SERVICE TARIFF
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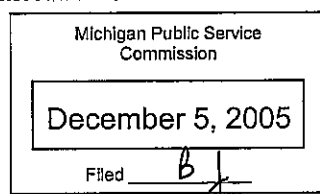
4.0 DISPUTE RESOLUTION

- 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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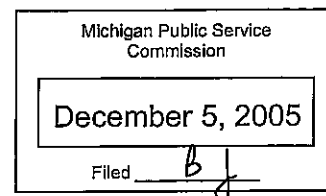
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RETAIL ACCESS SERVICE TARIFF
(Continued from Sheet No. 28.16)

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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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.

(Continued on Sheet No. 29.01)

Michigan Public Service Commission
December 5, 2005
Filed <u>B J</u>

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

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

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

Original Sheet No. 29.01

LARGE POWER SERVICE RATE- CHOICE
(Schedule LP-C)
(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 200 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:

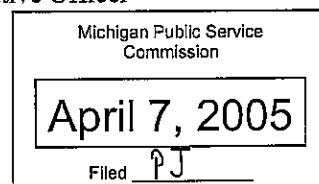
A one-time late payment charge of 5% of the unpaid balance, excluding sales tax, will be assessed on any bill not paid by the due date.

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)

Issued: **March 23, 2005**
By Steven L. Boeckman
President and Chief Executive Officer

Effective for all Open Access Service rendered
On and After **May 25, 2005**
Issued under the Authority of M.P.S.C. order
Dated **2/24/05** in Case No. **U-14183**



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

Original Sheet No. 29.02

LARGE POWER SERVICE RATE- CHOICE
(Schedule LP-C)
(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.
- 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:

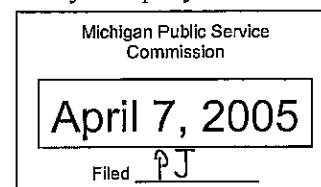
When the Cooperative elects to meter the service on the primary side of the distribution transformer(s), 3% will be deducted from the Demand and Energy measurements for billing purposes.

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 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: **March 23, 2005**
By Steven L. Boeckman
President and Chief Executive Officer

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On and After **May 25, 2005**
Issued under the Authority of M.P.S.C. order
Dated 2/24/05 in Case No. U-14183

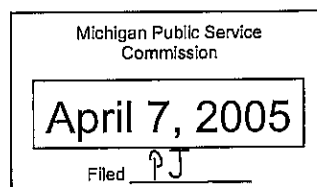
M.P.S.C. No. 1 - Electric
Great Lakes Energy Cooperative

Original Sheet No. 29.03

LARGE POWER SERVICE RATE - CHOICE
(Schedule LP-C)
(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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By **Steven L. Boeckman**
President and Chief Executive Officer

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Dated **2/24/05** in Case No. U-14183

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

Original Sheet No. 30.00

**SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS
AUTOMATED POWER MONITORING RATE – CHOICE
(Schedule C-APM-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 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 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, Schedule C-APM, Schedule D-APM, or Schedule PSDS 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:

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)

Michigan Public Service Commission
April 7, 2005
Filed <u>PJ</u>

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President and Chief Executive Officer

Effective for **all Open Access Service** rendered
On and After **May 25, 2005**
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Dated 2/24/05 in Case No. U-14183

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

Original Sheet No. 30.01

**SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS
AUTOMATED POWER MONITORING RATE – CHOICE
(Schedule C-APM-C)
(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 200 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)

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April 7, 2005
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Issued: **March 23, 2005**
By Steven L. Boeckman
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Dated **2/24/05** in Case No. U-14183

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

Original Sheet No. 30.02

**SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS
AUTOMATED POWER MONITORING RATE- CHOICE
(Schedule C-APM-C)
(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)

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Issued: **March 23, 2005**
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President and Chief Executive Officer

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Dated **2/24/05** in Case No. U-14183

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

Original Sheet No. 30.03

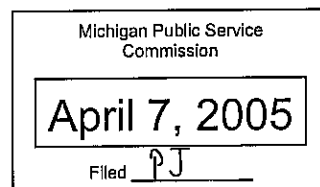
**SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS
AUTOMATED POWER MONITORING RATE – CHOICE
(Schedule C-APM-C)
(Continued from Sheet No. 30.02)**

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*.



Issued: **March 23, 2005**
By Steven L. Boeckman
President and Chief Executive Officer

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Dated **2/24/05** in Case No. U-14183

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

Original Sheet No. 31.00

**SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS
AUTOMATED POWER MONITORING RATE – CHOICE
(Schedule D-APM-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 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, Schedule C-APM, Schedule D-APM, or Schedule PSDS 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.

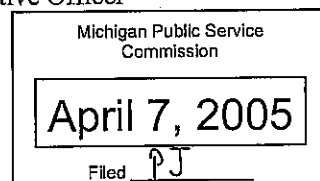
The service will be electronically metered with capabilities for monitoring and reporting demand, energy, voltage levels, and power interruptions.

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)

Issued: **March 23, 2005**
By Steven L. Boeckman
President and Chief Executive Officer

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Dated **2/24/05** in Case No. U-14183



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

Original Sheet No. 31.01

**SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS
AUTOMATED POWER MONITORING RATE – CHOICE
(Schedule D-APM-C)
(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:

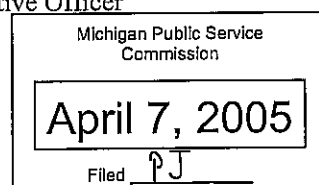
A one-time late payment charge of 5% of the unpaid balance, excluding sales tax, will be assessed on any bill not paid by the due date.

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)

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By Steven L. Boeckman
President and Chief Executive Officer

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Dated **2/24/05** in Case No. **U-14183**



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

Original Sheet No. 31.02

**SERVICE FOR COMMERCIAL & INDUSTRIAL LOADS
AUTOMATED POWER MONITORING RATE- CHOICE
(Schedule D-APM-C)
(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:

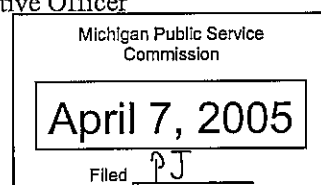
The Cooperative has no obligation or duty to intervene, mediate or participate in contractual disputes between the Member-Consumer and its ABS Supplier or third parties. Further, the Cooperative will not shut off service or otherwise enforce any provision of a contract between the Member-Consumer and 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: **March 23, 2005**
By Steven L. Boeckman
President and Chief Executive Officer

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Dated 2/24/05 in Case No. U-14183



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

Original Sheet No. 32.00

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, Schedule D-APM, or Schedule PSDS 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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April 7, 2005
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Issued: **March 23, 2005**
By Steven L. Boeckman
President and Chief Executive Officer

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Dated **2/24/05** in Case No. **U-14183**

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

Original Sheet No. 32.01

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.

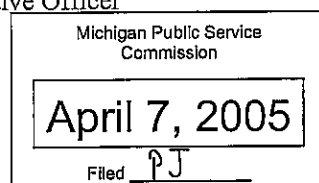
Tax Adjustments:

- 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. 32.01)

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By Steven L. Boeckman
President and Chief Executive Officer

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Dated **2/24/05** in Case No. U-14183



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

Original Sheet No. 32.02

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:

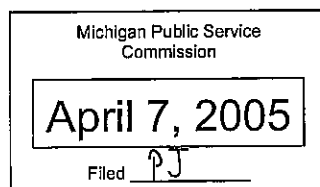
In accordance with Federal Energy Regulatory Commission Order in Docket Nos. ER04-132 and ER04-38, the Cooperative is required to pay its power supplier a Power Supply Development Fund (PSDF) Charge for the limited purpose of providing necessary cash reserves to allow the funding of future power supply 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. _____. 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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By Steven L. Boeckman
President and Chief Executive Officer

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Issued under the Authority of M.P.S.C. order
Dated **2/24/05** in Case No. **U-14183**

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

Original Sheet No. 33.00

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 fossil-fuel. The member-consumer's generator output in excess of the total metered usage shall be carried over to the next month's billing period.

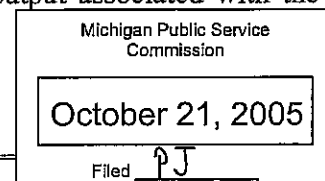
Service under this Schedule shall be pursuant to the following terms and conditions.

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(1)(f) (MCL 460.10g(1)(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.

(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



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

Original Sheet No. 33.01

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 member-consumer'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 member-consumer 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 member-consumer'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.

(Continued on Sheet No. 33.02)

Michigan Public Service Commission
October 21, 2005
Filed <u>PJ</u>

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

Effective for electric bills rendered
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Case No. U-14346

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

Original Sheet No. 33.02

NET METERING PROGRAM
(Continued from Sheet No. 33.01)

Interconnection

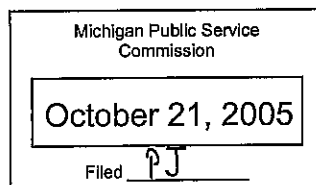
All application fees, procedures, and requirements for interconnecting net metering generators will be those contained in the Commission's Electric Interconnection Standards Rules (R 460.48 1-460.489) and the Cooperative's associated Commission-approved Generator Interconnection Requirements.

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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By: Steven L. Boeckman
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Boyne City, Michigan

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MPSC order dated March 29, 2005 in
Case No. U-14346

Statement of Operations
Present Rates
For the Test Year Ended December 31, 2005

(a) Line No.	(b) Description	(c) Actual Test Year	(d) Adjustments ¹	(e) Pro Forma Test Year
1	<u>Operating Revenue</u>			
2	Sales of Electricity	\$ 121,928,361	\$ 4,956,883	\$ 126,885,244
3	Other	1,523,820	(167,391)	1,356,429
4	Total Operating Revenue	<u>\$ 123,452,181</u>	<u>\$ 4,789,492</u>	<u>\$ 128,241,673</u>
5	<u>Operating Expenses</u>			
6	Power Production	\$ 83,003	(83,003)	\$ -
7	Cost of Purchased Power	80,623,482	5,786,450	86,409,932
8	Transmission - O & M			
9	Distribution - Operation	6,402,915		6,402,915
10	Distribution - Maintenance	8,224,268	3,508,893	11,733,161
11	Consumer Accounts	3,663,824		3,663,824
12	Consumer Service & Information	624,855		624,855
13	Sales	152,275		152,275
14	Administrative & General	7,067,527		7,067,527
15	Depreciation & Amortization	8,007,720	(84,388)	7,923,332
16	Taxes - Property			-
17	Taxes - Other	312,600		312,600
18	Interest on Long Term Debt	6,235,903		6,235,903
19	Other Interest Expense	124,413		124,413
20	Other Deductions	\$ 86,827		86,827
21	Total Operating Expenses	<u>\$ 121,609,612</u>	<u>\$ 9,127,953</u>	<u>\$ 130,737,565</u>
22	Net Operating Margins	<u>\$ 1,842,569</u>	<u>\$ (4,338,461)</u>	<u>\$ (2,495,892)</u>
23	<u>Non-Operating Margins</u>			
24	Non-Operating Margins (Interest Income)	\$ 496,655		496,655
25	Income (Loss) Equity Inv	134,979	(134,979)	-
26	Non-Operating Margins (Other)	(201,217)	-	(201,217)
27	Generation and Transmission Capital Credits	9,639,541	(9,639,541)	-
28	Other Capital Credits & Patronage Dividends	176,968	(88,980)	87,988
29	Total Non-Operating Margins	<u>\$ 10,246,926</u>	<u>\$ (9,863,500)</u>	<u>\$ 383,426</u>
30	Total Patronage Capital & Margins	<u><u>\$ 12,089,495</u></u>	<u><u>\$ (14,201,961)</u></u>	<u><u>\$ (2,112,466)</u></u>

¹ See Page 2, "Summary of Adjustments," for references to schedules supporting each adjustment.

Supporting Adjustment Schedules Summary of Adjustments

(a) Description	(b) Reference	(c) Amounts
I. Revenues (Sales of Electricity)		
Schedule A - Adjustment to Revenue	Page 4	\$ 4,789,492
II. Revenues (Other Operating) and Power Production Expense		
Adjustment to Net Generation Expenses with Sales for Resale	N/A	\$ (83,003)
Adjustment to Net Generation Depreciation Expenses with Sales for Resale	N/A	(84,388)
		<u>\$ (167,391)</u>
III. Purchased Power		
Schedule B - Purchased Power	Page 10	<u>\$ 5,786,450</u>
IV. Distribution - Maintenance		
Right of Way Maintenance	Exhibit A-3(SLB-3)	\$ 1,115,000
Pole Testing / Line Inspection	Exhibit A-3(SLB-3)	409,000
Underground Inspection/Test Pilot	Exhibit A-3(SLB-3)	125,000
GIS Field Audit	Exhibit A-3(SLB-3)	-
GIS Conversion	Exhibit A-3(SLB-3)	1,167,500
Adjustment for Union (IBEW) Payroll Increase	Exhibit A-3(SLB-3)	692,393
		<u>\$ 3,508,893</u>
V. Generation and Transmission Capital Credits		
Eliminate Non-Cash Items	Exhibit A-3(SLB-3)	<u>\$ (9,639,541)</u>
VI. Other Capital Credits & Patronage Dividends		
Eliminate CFC Capital Credit Allocation	Exhibit A-3(SLB-3)	\$ (176,968)
Add CFC Capital Credits Issued	Exhibit A-3(SLB-3)	87,988
		<u>\$ (88,980)</u>
VII. Income (Loss) from Equity Investments		
Income from Equity Investments Adjustment	Exhibit A-3(SLB-3)	<u>\$ (134,979)</u>

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Present Rates

I. Consumer and Sales Data for December 31, 2005 (Sales Data as Provided)

(a) Line	(b) Description	(c) Avg. No.	(d) Energy	(e) Billing	(f) Revenue
No.		Cons.	Sales	Demand	
			(kWh)	(kW)	(\$)
1	Residential Service (A)	71,829	669,719,065	N.A.	64,994,466
2	Alternative Residential Service(A-S)	32,799	119,525,584	N.A.	16,666,776
3	General Service (GS)	8,038	138,491,931	N.A.	14,564,347
4	Large Power Service (LP)	236	61,921,053	197,235.0	5,168,002
5	Commercial & Industrial Automated Power Monitoring (C-APM)	66	29,162,339	69,130.0	2,106,452
6	Commercial & Industrial Automated Power Monitoring (D-APM)	15	18,667,180	53,572.0	1,250,110
7	Commercial & Industrial Automated Power Monitoring (F-INT-APM)	-	-	N.A.	0
8	Primary Service (PSDS)	20	134,113,993	331,905.0	7,091,895
9	Contract Rates	3	107,434,800	182,851.0	5,078,326
10	Outdoor Lighting Service (OL)	7,923	5,557,125	N.A.	783,806
11	Sub-Total (Total Avg. No. Cons. Excludes Outdoor Lighting)	113,006	1,284,593,070	834,693.0	117,704,180
12	<u>Supplemental Schedules and Charges</u>				
13	Controlled Heating Service (CH)	1,258	11,965,063		(358,952)
14	Partial Controlled Heating Service (PCH)	135	1,361,168		(20,418)
15	Controlled Water Heating Service (CWH)				(387,192)
16	St. James and Peaine Township Monthly Charge (Various)	1,026			126,258
17	Member Owned Backup Generation (CBG)	2		2,838.0	(7,095)
18	Total Revenue (Sales of Electricity)	N.A.	N.A.	N.A.	117,056,781

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Present Rates

II. Consumer and Sales Data for Pro Forma Test Year

(a) Line No.	(b) Description	(c) Avg. No. Cons.	(d) Energy Sales (kWh)	(e) Billing Demand (kW)	(f) Revenue (\$)
1	Residential Service (A)	71,829	669,719,065	N.A.	70,036,995
2	Alternative Residential Service(A-S)	37,407	119,525,584	N.A.	17,614,838
3	General Service (GS)	8,972	138,491,931	N.A.	15,603,058
4	Large Power Service (LP)	236	61,921,053	197,235.0	5,633,772
5	Commercial & Industrial Automated Power Monitoring (C-APM)	66	29,162,339	69,130.0	2,323,823
6	Commercial & Industrial Automated Power Monitoring (D-APM)	15	18,667,180	53,572.0	1,393,426
7	Commercial & Industrial Automated Power Monitoring (F-INT-APM)	-	-	-	-
8	Primary Service (PSDS)	20	134,113,993	331,905.0	8,002,784
9	Contract Rates	3	107,434,800	184,021.3	5,125,436
10	Outdoor Lighting Service (OL)	7,923	5,557,125	N.A.	823,308
11	Sub-Total (Total Avg. No. Cons. Excludes Outdoor Lighting)	118,548	1,284,593,070	835,863.3	126,557,440
12	<u>Supplemental Schedules and Charges</u>				
13	Controlled Heating Service (CH)		11,965,063	N.A.	(358,952)
14	Partial Controlled Heating Service (PCH)		1,361,168	N.A.	(20,418)
15	Controlled Water Heating Service (CWH)	5,823		N.A.	(387,945)
16	St. James and Peaine Township Monthly Charge (Various)	1,026			126,219
17	Member Owned Backup Generation (CBG)			(2,838.0)	(7,095)
18	Total	N.A.	N.A.	N.A.	125,909,249

II.a. Consumer and Sales Data for Pro Forma Test Year with Zero Growth and Contract Customers Reclassified

(a) Line No.	(b) Description	(c) Avg. No. Cons.	(d) Energy Sales (kWh)	(e) Billing Demand (kW)	(f) Revenue (\$)
1	Residential Service (A)	71,829	669,719,065	N.A.	70,036,995
2	Alternative Residential Service(A-S)	37,407	119,525,584	N.A.	17,614,838
3	General Service (GS)	8,972	138,491,931	N.A.	15,603,058
4	Large Power Service (LP)	236	61,921,053	197,235.0	5,633,772
5	Commercial & Industrial Automated Power Monitoring (C-APM)	66	29,162,339	69,130.0	2,323,823
6	Commercial & Industrial Automated Power Monitoring (D-APM)	15	18,667,180	53,572.0	1,393,426
7	Commercial & Industrial Automated Power Monitoring (F-INT-APM)	-	-	-	-
8	Primary Service (PSDS)	23	241,548,793	515,926.3	14,104,214
9	Contract Rates				
10	Outdoor Lighting Service (OL)	7,923	5,557,125	N.A.	823,308
11	Sub-Total (Total Avg. No. Cons. Excludes Outdoor Lighting)	118,548	1,284,593,070	835,863.3	127,533,434
12	<u>Supplemental Schedules and Charges</u>				
13	Controlled Heating Service (CH)	-	11,965,063	N.A.	(358,952)
14	Partial Controlled Heating Service (PCH)	-	1,361,168	N.A.	(20,418)
15	Controlled Water Heating Service (CWH)	5,823		N.A.	(387,945)
16	St. James and Peaine Township Monthly Charge (Various)	1,026			126,219
17	Member Owned Backup Generation (CBG)	-		(2,838.0)	(7,095)
18	Total	N.A.	N.A.	N.A.	126,885,244

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Present Rates

III. Reconciliation of Sales of Electricity per Operating Statement to Study

(a)	(b)	(c)
Line No.	Description	Revenue
1	Revenues per Operating Statement	\$ 121,928,361
2	Less: Net Unbilled Revenue Accruals	(2,424,820)
3	Less PSCR Undercollection	7,343,002
4	Sub-Total (Revenues Billed)	117,010,178
5	Add: Increase in PSCR Revenues Based on Revised 2006 PSCR Factor	8,765,574
6	Add: Increase Due to Moving Contract Customers to Schedule PSDS	975,995
7	Add: Growth Adjustment	-
8	Add: Unreconciled Difference	133,497
9	Total Pro Forma Revenues	<u>126,885,244</u>

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Present Rates

IV. Estimate of Revenue Under Present Rates

(a)	(b)	(c)	(d)	(e)	(f)
	Rate Class	Billing Determinants	Units	Rate	Revenue
<u>Residential Service (A)</u>					
	Availability Charge	71,829	cons	\$10.00	\$ 8,619,480
	Energy Charge	669,719,065	kWh	\$0.08350	55,921,542
	PSCR Charge	669,719,065	kWh	\$0.00821	5,495,973
					<u>\$ 70,036,995</u>
<u>Alternative Residential Service(A-S)</u>					
	Availability Charge				
	Monthly	945.0	cons	\$12.00	\$ 136,080
	Quarterly	36,462.0	cons	\$36.00	5,250,528
	Energy Charge	119,525,584	kWh	\$0.09410	11,247,357
	PSCR Charge	119,525,584	kWh	\$0.00821	980,873
					<u>\$ 17,614,838</u>
<u>General Service (GS)</u>					
	Availability Charge				
	Single Phase	7,422	cons	\$15.00	\$ 1,335,960
	Three Phase	1,550	cons	\$32.10	597,060
	Energy Charge	138,491,931	kWh	\$0.09050	12,533,520
	PSCR Charge	138,491,931	kWh	\$0.00821	1,136,518
					<u>\$ 15,603,058</u>
<u>Large Power Service (LP)</u>					
	Availability Charge	236	cons	\$80.00	\$ 226,560
	Demand Charge	197,235	kW	\$6.71	1,323,447
	Energy Charge	61,921,053	kWh	\$0.05790	3,585,229
	Reactive Charge		kvar	\$0.29750	-
	PSCR	61,921,053	kWh	\$0.00821	508,148
	Primary Metering Discount				(9,612)
					<u>\$ 5,633,772</u>
<u>Commercial & Industrial Automated Power Monitoring (C-APM)</u>					
	Availability Charge	66	cons	\$80.00	\$ 63,360
	Demand Charge	69,130	kW	\$9.08	627,700
	Energy Charge	29,162,339	kWh	\$0.04790	1,396,876
	Reactive Charge	-	kvar	\$0.2975	-
	PSCR	29,162,339	kWh	\$0.00821	239,317
	Primary Metering Discount				(3,431)
					<u>\$ 2,323,823</u>
<u>Commercial & Industrial Automated Power Monitoring (D-APM)</u>					
	Availability Charge	15	cons	\$240.00	\$ 43,200
	Demand Charge - NCP kW	53,572	kW	\$3.50	187,502
	Demand Charge - CP kW	39,007	kW	\$7.16	279,290
	Reactive Charge	42,498	kVAR	\$0.25000	10,625
	Energy Charge	18,667,180	kWh	\$0.03855	719,620
	PSCR	18,667,180	kWh	\$0.00821	153,190
					<u>\$ 1,393,426</u>

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Present Rates

IV. Estimate of Revenue Under Present Rates

(a)	(b)	(c)	(d)	(e)	(f)
	Rate Class	Billing Determinants	Units	Rate	Revenue
<u>Commercial & Industrial Automated Power Monitoring (F-INT-APM)</u>					
	Availability Charge				\$ -
	Demand Charge - NCP kW	-	kW	\$9.50	-
	Demand Charge - Max kW During Interruption	-	kW	\$55.00	-
	Reactive Charge	-	kVAR	\$0.29750	-
	Energy Charge	-	kWh	\$0.03850	-
	PSCR	-	kWh	\$0.00821	-
					<u>\$ -</u>
<u>Primary Service (PSDS)</u>					
	Facility Charge	20	cons	\$240.00	\$ 57,600
	Demand Charge - NCP kW	331,905	kW	\$1.50	497,858
	Demand Charge - CP kW	204,335	kW	\$7.16	1,463,039
	Reactive Charge	195,548	kVAR	\$0.250	48,887
	Energy Charge	134,113,993	kWh	\$0.036050	4,834,809
	PSCR	134,113,993	kWh	\$0.008206	1,100,591
					<u>\$ 8,002,784</u>
<u>Mosaic - Kalium Special Contract</u>					
	Facility Charge	1	cons	\$4,898.00	\$ 58,776
	Transmission Ancillary Charge	1	yr.	\$129,142.74	129,143
	Demand Charge	74,800.4	kW	\$6.75	504,903
	Energy Charge	44,679,600	kWh	\$0.02922	1,305,538
					<u>\$ 1,998,359</u>
<u>Ice Mountain</u>					
	Facility Charge	1	cons	\$6,250.00	\$ 75,000
	Transmission Ancillary Charge	1	yr.	\$117,057.92	117,058
	Demand Charge	67,808.3	kW	\$6.62	448,891
	Energy Charge	40,978,800	kWh	\$0.034080	1,396,558
					<u>\$ 2,037,507</u>
<u>Lexamar</u>					
	Facility Charge	-	cons	\$0.00	\$ -
	Transmission Ancillary Charge	1	yr.	\$69,297.87	69,298
	Demand Charge	41,412.5	kW	\$7.10	294,029
	Energy Charge	21,776,400	kWh	\$0.033350	726,243
					<u>\$ 1,089,570</u>

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Present Rates

IV. Estimate of Revenue Under Present Rates

(a)	(b)	(c)	(d)	(e)	(f)
	Rate Class	Billing Determinants	Units	Rate	Revenue
<u>Outdoor Lighting Service (OL)</u>					
	Distribution Service				
	Cooperative Owned				
	175 W MV	3,413	lights	\$7.95	\$ 325,600
	250 W MV	149	lights	\$10.20	18,238
	400 W MV	101	lights	\$14.25	17,271
	100 W HPS	4,121	lights	\$8.00	395,616
	250 W HPS	14	lights	\$14.25	2,394
	150 W HPS	108	lights	\$11.35	14,710
	400 W HPS	17	lights	\$19.00	3,876
	PSCR	5,557,125	kWh	\$0.008206	45,604
					<u>\$ 823,308</u>
<u>Supplemental Schedules and Charges</u>					
<u>Controlled Heating Service (CH)</u>					
	Energy	11,965,063	kWh	(\$0.03)	\$ (358,952)
					<u>\$ (358,952)</u>
<u>Partial Controlled Heating Service (PCH)</u>					
	Energy	1,361,168	kWh	(\$0.01500)	\$ (20,418)
					<u>\$ (20,418)</u>
<u>Controlled Water Heating Service (CWH)</u>					
	Option #1	2,084	cons	(4.50)	\$ (112,541)
	Option #2	3,394	cons	(6.00)	(244,362)
	Option #3	345	cons	(7.50)	(31,043)
		<u>5,823</u>			<u>\$ (387,945)</u>
<u>St. James and Peaine Township Monthly Charge (Various)</u>					
	Beaver Island Supplemental Delivery Charge	502	cons	\$10.25	\$ 61,767
	Beaver Island Supplemental Delivery Charge/Quarterly	524	cons	\$30.75	64,452
		<u>1,026</u>			<u>\$ 126,219</u>
<u>Member Owned Backup Generation (CBG)</u>					
	Demand Credit	2,838.0	kW	(\$2.50)	\$ (7,095)
					<u>\$ (7,095)</u>
<u>Grand Total</u>					<u><u>\$125,909,249</u></u>

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Present Rates

V. Reclassification of Contract Customers to Schedule PSDS

(a)	(b)	(c)	(d)	(e)	(f)
	Rate Class	Billing Determinants	Units	Rate	Revenue
<u>Increase:</u>					
<u>Primary Service (PSDS)</u>					
	Facility Charge	3.0	cons	\$240.00	\$ 8,640
	Demand Charge - NCP kW	184,021.3	kW	\$1.50	276,032
	Demand Charge - CP kW	146,684.0	kW	\$7.16	1,050,257
	Reactive Charge	47,301.0	kVAR	\$0.250	11,825
	Energy Charge	107,434,800.0	kWh	\$0.03605	3,873,025
	PSCR	107,434,800.0	kWh	\$0.00821	881,651
					<u>\$ 6,101,430</u>
<u>Decrease (Eliminate):</u>					
<u>Mosaic - Kalium Special Contract</u>					
	Facility Charge	1.0	cons	\$4,898.00	\$ 58,776
	Transmission Ancillary Charge	1.0	yr.	\$129,142.74	129,143
	Demand Charge	74,800.4	kW	\$6.75	504,903
	Energy Charge	44,679,600.0	kWh	\$0.02922	1,305,538
					<u>\$ 1,998,359</u>
<u>Ice Mountain</u>					
	Facility Charge	1.0	cons	\$6,250.00	\$ 75,000
	Transmission Ancillary Charge	1.0	yr.	\$117,057.92	117,058
	Demand Charge	67,808.3	kW	\$6.62	448,891
	Energy Charge	40,978,800.0	kWh	\$0.034080	1,396,558
					<u>\$ 2,037,507</u>
<u>Lexamar</u>					
	Facility Charge	-	cons	\$0.00	\$ -
	Transmission Ancillary Charge	1.0	yr.	\$69,297.87	69,298
	Demand Charge	41,412.5	kW	\$7.10	294,029
	Energy Charge	21,776,400.0	kWh	\$0.033350	726,243
					<u>\$ 1,089,570</u>
<u>Change in Sales of Electricity</u>					<u>\$ 975,995</u>

Schedule B
Estimate of Pro Forma
Test Year Purchased Power Expense

(a) Line No.	(b) Description	(c) Amount	(d) Units
1	PSCR Base	\$0.05906	/kWh sold
2	PSCR Factor ¹	\$0.01300	/kWh sold
3	Less: Factor to reconcile Prior Period Undercollection ²	\$0.00356	/kWh sold
4	Average Test Year Power Cost	\$0.06850	/kWh sold
5			
6	Total Test Year Energy Sales	1,284,593,070	kWh
7	Less: Sales under Schedule Contract Rates	107,434,800	kWh
8	kWh Sales Subject to PSCR Adjustment	1,177,158,270	kWh
9			
10	Pro Forma Test Year Purchased Power Cost (Unadjusted)	\$ 80,630,974	
11			
12	Add: Contract Customer Power Cost ³	\$ 5,778,958	
13			
14	Total ProForma Test Year Purchased Power	\$ 86,409,932	
15	Less: Actual Test Year Purchased Power Cost	\$ 80,623,482	
16	Adjustment	\$ 5,786,450	
17			
18	<u>Calculation of PSCR Base</u>		
19	Total ProForma Test Year Purchased Power	\$ 86,409,932	
20	Total Test Year Energy Sales Including Contract Sales	1,284,593,070	kWh
21	PSCR Base (Average Cost of Power)	\$0.06727	/kWh sold
22			
23	Revised PSCR Factor - Present Rates	\$0.00821	
¹ Revisions pending approval by the MPSC for Great Lakes for application during 2006.			
² Per the PSCR filing for 2006 as revised			
³ Contract Power Cost (Schedule C&I)			
<u>Demand Charge</u>			
	Units (CP kW)	146,684	
	Rate (Base + MI Joint Zone Credit)	\$5.01	
	Demand Charge	\$ 734,887	
<u>Energy Charge</u>			
	Units (kWh)	107,434,800	
	Rate (Base + PSDF + Average PSCR)	\$0.04684	
	Energy Charge	\$ 5,032,246	
<u>kVar Charge</u>			
	Units (CP kVar)	47,301	
	Rate	\$0.25000	
	kVar Charge	\$ 11,825	
Total Cost of Power to Serve Contract Customers		\$ 5,778,958	

**Adjusted Statement of Operations
at Present Rates
For the Test Year Ended December 31, 2005**

(a) Line No.	(b) Description	(c) Total System ¹	(d) Adjustment ²	(e) Adjusted System
	<u>Operating Revenue</u>	(\$)	(\$)	(\$)
1	Sales of Electricity	126,885,244	648,191	127,533,434
2	Other	1,356,429		1,356,429
3	Total Operating Revenue	128,241,673	648,191	128,889,864
4	<u>Operating Expenses</u>			
5	Cost of Purchased Power			
6	Demand	24,976,075	1,188,919	26,164,994
7	Energy	61,433,857	39,979	61,473,836
8	Transmission - O & M		-	-
9	Distribution - Operation	6,402,915	(96,784)	6,306,131
10	Distribution - Maintenance	11,733,161	(96,784)	11,636,377
11	Consumer Accounts	3,663,824	-	3,663,824
12	Consumer Service & Information	624,855	-	624,855
13	Sales	152,275	-	152,275
14	Administrative & General	7,067,527	(96,784)	6,970,743
15	Depreciation & Amortization	7,923,332	(96,784)	7,826,548
16	Taxes - Property	-	-	-
17	Taxes - Other	312,600	-	312,600
18	Other Interest Expense	124,413	-	124,413
19	Other Deductions	86,827	-	86,827
20	Total Operating Expenses (Before Long Term	124,501,662	841,760	125,343,421
21	Long Term Interest	6,235,903	(96,784)	6,139,119
22	Proposed Margin ³	3,906,994	(96,784)	3,810,210
23	Gross Revenue Requirements	134,644,559	648,191	135,292,750
24	Non-Operating Margins	383,426		383,426
25	Net Revenue Requirements	134,261,133	648,191	134,909,324
26				
27	Target Increase	6,019,460		6,019,460
28	Percent	4.74%		4.72%

¹ See Exhibit JCL-3, page 1.

² See Exhibit JCL-3, page 30 for calculation of adjustment to exclude Controlled Heating and Water Heating Credits

³ Required Net Operating Income less Long Term Interest. See calculation below:

$$11,224,625 - \$6,235,903 = \$4,988,722$$

Schedule B
Adjustment to Eliminate Revenue
and Expenses Associated with Water Heater Service

1. Revenue ¹		(\$)
a. Controlled Heating Service (CH)	=	(358,952)
b. Partial Controlled Heating Service (PCH)	=	(20,418)
c. Controlled Water Heating Service (CWH)	=	(387,945)
d. St. James and Peaine Township Monthly Charge (Various)	=	126,219
e. Member Owned Backup Generation (CBG)	=	(7,095)
f. Total -- Revenue	=	<u>(648,191)</u>
2. Expenses		
a. Purchased Power ²		
Energy:		
Controlled Heating Service (CH) and Controlled Water Heating Service (CWH)		
13,326,231 kWh x -\$0.003000 /kWh	=	<u>(39,979)</u>
Subtotal -- Energy Expenses		<u>(39,979)</u>
Demand:		
Partial Controlled Heating Service (PCH)		
(51,551) kW x \$11.20 /kW	=	(577,371)
Controlled Heating Service (CH) and Controlled Water Heating Service (CWH)		
(53,969) kW x \$11.20 /kW	=	(604,453)
Customer Owned Generation CBG		
(2,838) kW x \$2.50 /kW	=	<u>(7,095)</u>
Subtotal -- Demand Expenses		<u>(1,188,919)</u>
Subtotal -- Purchased Power Expenses		<u>(1,228,898)</u>
b. Distribution - Operation ³	=	96,784
c. Distribution - Maintenance ³	=	96,784
d. Administrative and General ³	=	96,784
e. Depreciation ³	=	96,784
f. Interest ³	=	96,784
g. Margin Requirements ³	=	96,784
h. Subtotal		<u>580,707</u>
i. Total -- Expenses		<u>(648,191)</u>

¹ From Exhibit II, Schedule A.

² From Exhibit II.

³ Split remainder of revenue approximately equal between Operation Requirements Categories

Cost of Service Summary
Revenue Requirements Summary -- BUNDLED

Line No.	Description	Total	Residential (A)	Seasonal Residential (S)	General Service (GS)	Large Power (LP)	C&I APM (C-APM)	C&I APM (D-APM)	Primary Substation (PSDS)	Outdoor Lighting
1	<u>Revenue Requirements</u>									
2	Revenue Requirements	134,909,326	75,635,212	21,328,055	14,329,345	5,033,225	2,163,697	1,293,834	14,219,185	906,774
3										
4	<u>Present Rates</u>									
5	Revenue-Present Rates	127,533,434	70,036,995	17,614,838	15,603,058	5,633,772	2,323,823	1,393,426	14,104,214	823,308
6	Revenue Credits	1,356,429	744,904	187,349	165,952	59,920	24,716	14,820	150,011	8,757
7	Total Revenue	128,889,863	70,781,899	17,802,187	15,769,010	5,693,692	2,348,539	1,408,246	14,254,225	832,065
8										
9	Required Incr./(Decr)	6,019,463	4,853,313	3,525,868	(1,439,665)	(660,467)	(184,842)	(114,413)	(35,040)	74,709
10	Percent	4.72%	6.93%	20.02%	(9.23%)	(11.72%)	(7.95%)	(8.21%)	(0.25%)	9.07%
11										
12	<u>Proposed Rates</u>									
13	Revenue-Proposed Rates	133,602,123	73,531,370	20,136,065	15,605,177	5,622,461	2,323,410	1,398,579	14,107,957	877,104
14	Revenue Credits	1,356,429	744,904	187,349	165,952	59,920	24,716	14,820	150,011	8,757
15	Total Revenue	134,958,552	74,276,274	20,323,414	15,771,129	5,682,381	2,348,126	1,413,399	14,257,968	885,861
16										
17	Required Increase/(Decrease)	(49,226)	1,358,938	1,004,641	(1,441,784)	(649,156)	(184,429)	(119,566)	(38,783)	20,913
18	Percent	(0.04%)	1.85%	4.99%	(9.24%)	(11.55%)	(7.94%)	(8.55%)	(0.27%)	2.38%

Cost of Service Summary
Class Allocation Summary -- BUNDLED

Line No.	Category	Total	Residential (A)	Seasonal Residential (S)	General Service (GS)	Large Power (LP)	C&I APM (C-APM)	C&I APM (D-APM)	Primary Substation (PSDS)	Outdoor Lighting
1	Power Supply									
2	Direct and Revenue Related									
3	Wholesale Cost	(1,323,556)						(139,500)	(1,184,056)	
4	Allocated Cost									
5	Subtotal	(1,323,556)						(139,500)	(1,184,056)	
6	Capacity Related									
7	Wholesale Cost	21,709,285	12,384,856	2,210,340	2,511,054	1,099,972	385,535	303,747	2,666,744	147,036
8	Allocated Cost									
9	Subtotal	21,709,285	12,384,856	2,210,340	2,511,054	1,099,972	385,535	303,747	2,666,744	147,036
10	Energy Related									
11	Wholesale Cost	62,662,755	33,076,462	5,903,197	6,839,917	3,058,192	1,440,286	882,397	11,187,600	274,705
12	Allocated Cost									
13	Subtotal	62,662,755	33,076,462	5,903,197	6,839,917	3,058,192	1,440,286	882,397	11,187,600	274,705
14	Subt. Power Supply	83,048,484	45,461,318	8,113,537	9,350,971	4,158,163	1,825,821	1,046,643	12,670,287	421,742
15	Transmission									
16	Direct									
17	Capacity									
18	Energy									
19	Allocated Cost									
20	Subt. Transm.									
21	Distribution									
22	Direct	389,186								389,186
23	Consumer	38,182,896	22,558,516	11,748,086	3,419,678	200,209	62,186	70,839	92,605	30,778
24	Capacity	13,288,760	7,615,378	1,466,432	1,558,696	674,853	275,689	176,352	1,456,292	65,068
25	Energy									
26	Subt. Distrib.	51,860,842	30,173,894	13,214,518	4,978,373	875,062	337,875	247,190	1,548,897	485,032
27										
28	Total	134,909,326	75,635,212	21,328,055	14,329,345	5,033,225	2,163,697	1,293,834	14,219,185	906,774

Cost of Service Summary
Rate Design Factors -- BUNDLED

Line No.	Category	Units	Residential (A)	Seasonal Residential (S)	General Service (GS)	Large Power (LP)	C&I APM (C-APM)	C&I APM (D-APM)	Primary Substation (PSDS)	Outdoor Lighting
1	Costs Broken Down by Function									
2	Power Supply									
3	Direct and Revenue Related									
4	Wholesale Cost	\$/kWh	1.85	1.85	1.81	1.78	1.32	1.63	1.10	2.64
5	Allocated Cost	\$/Mo./cons						(0.75)	(0.49)	
6	Subtotal							(0.75)	(0.49)	
7	Capacity Related									
8	Wholesale Cost	¢/kWh	1.85	1.85	1.81	1.78	1.32	1.63	1.10	2.64
9	Allocated Cost	¢/kWh								
10	Subtotal	¢/kWh								
11	Energy Related									
12	Wholesale Cost	¢/kWh	4.94	4.94	4.94	4.94	4.94	4.73	4.63	4.94
13	Allocated Cost	¢/kWh								
14	Subtotal	¢/kWh								
15	Subt. Power Supply	¢/kWh	6.79	6.79	6.75	6.72	6.26	5.61	5.25	7.58
16	Transmission									
17	Direct	¢/kWh								
18	Capacity	¢/kWh								
19	Energy	¢/kWh								
20	Allocated Cost	¢/kWh								
21	Subt. Transm.	¢/kWh								
22	Distribution									
23	Direct	\$/Mo./cons								
24	Consumer	\$/Mo./cons	26.17	26.17	31.76	70.60	78.82	395.75	395.75	16.55
25	Capacity	¢/kWh	1.14	1.23	1.13	1.09	0.95	0.94	0.60	1.31
26	Energy	¢/kWh								1.17
27	Subt. Distrib.	¢/kWh	4.51	11.06	3.59	1.41	1.16	1.32	0.64	8.72
28	Total	¢/kWh	11.29	17.84	10.35	8.13	7.42	6.93	5.89	16.30
29	Costs Broken Down by Classification									
30	Direct	\$/Mo./cons								
31	Consumer	\$/Mo./cons	26.17	26.17	31.76	70.60	78.82	395.75	395.75	16.55
32	Capacity	¢/kWh	2.99	3.08	2.94	2.87	2.27	1.82	1.22	1.31
33	Energy	¢/kWh	4.94	4.94	4.94	4.94	4.94	4.73	4.63	3.81
34	Total	¢/kWh	11.29	17.84	10.35	8.13	7.42	6.93	5.89	16.30

**Determination of Classification Factors
Used to Functionalize the
Primary Line Accounts 364-367**

Conductor Description			Miles	Unit Cost	Replacement Cost
			(mi.)	(\$/mi.)	(\$)
All	1PH		11,295.3	23,728	268,014,404
4 ACSR or 6 CU	VPH		61.0	30,465	1,858,060
2 ACSR or 4 CU	VPH		46.7	31,082	1,451,219
1/0 ACSR or 2 CU	VPH		5.5	32,688	181,092
2/0 ACSR or 1/0 CU	VPH		-	34,057	-
3/0 ACSR or 1/0 CU	VPH		0.9	34,865	31,379
4/0 ACSR or 2/0 CU	VPH		3.4	35,783	119,873
4 ACSR or 6 CU	3PH		484.8	42,304	20,510,248
2 ACSR or 4 CU	3PH		366.3	43,128	15,799,589
1/0 ACSR or 2 CU	3PH		471.5	43,972	20,731,039
2/0 ACSR or 1/0 CU	3PH		-	44,902	0
3/0 ACSR or 1/0 CU	3PH		72.8	45,979	3,347,731
4/0 ACSR or 2/0 CU	3PH		573.9	47,204	27,088,959
267 ACSR	3PH		-	50,784	-
336 ACSR	3PH		233.8	52,156	12,196,159
397 ACSR	3PH			54,015	-
477 ACSR	3PH		3.1	54,089	167,135
Total			13,619.0		371,496,887

Note: Conductor sizes are given in Copper equivalent unless noted.

- The cost of a mile of primary line with zero capacity is estimated from the zero intercept graph to be \$21,516.
- The consumer component of the total replacement cost is taken to be the cost if all lines were constructed with zero capacity:

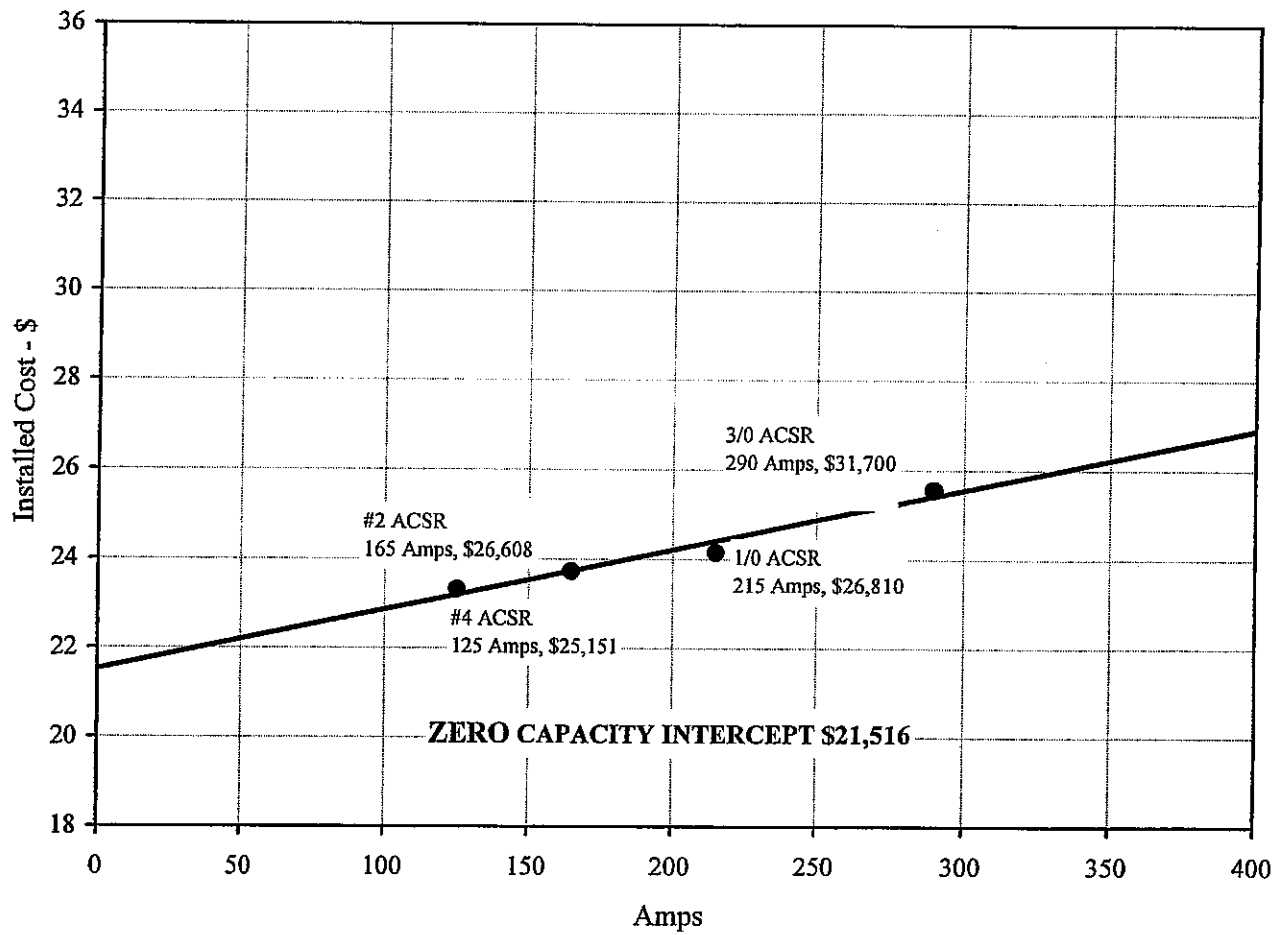
$$13,619 \times \$21,516 = \$293,024,039$$

or 78.88% of total replacement cost.
- The capacity component of the total replacement cost is then equal to the difference between the total cost and the consumer component:

$$\$371,496,887 - \$293,024,039 = \$78,472,848$$

or 21.12% of total replacement cost.

Electric Plant Functionalization
Primary Line (O.H.) Construction Costs
Versus
Thermal Capacity



**Determination of Classification Factors
Used to Functionalize the
Service Transformer Account 368**

kVA Size	Quantity	Total kVA (kVA)	Unit Cost (\$/unit)	Replacement Cost (\$)
1.5	897	1,345.5	850	762,450
3.0	3,211	9,633.0	850	2,729,350
5.0	6,707	33,535.0	850	5,700,950
7.5	944	7,080.0	850	802,400
10.0	49,230	492,300.0	868	42,731,640
15.0	8,886	133,290.0	920	8,175,120
25.0	7,167	179,175.0	1,056	7,568,352
37.5	158	5,925.0	1,289	203,662
45.0	149	6,705.0	1,324	197,276
50.0	956	47,800.0	1,324	1,265,744
75.0	319	23,925.0	1,852	590,788
100.0	330	33,000.0	2,500	825,000
112.5	59	6,637.5	2,500	147,500
150.0	82	12,300.0	3,834	314,388
167.0	342	57,114.0	3,834	1,311,228
225.0	74	16,650.0	5,556	411,144
250.0	19	4,750.0	6,250	118,750
300.0	17	5,100.0	7,500	127,500
333.0	5	1,665.0	8,325	41,625
500.0	82	41,000.0	10,735	880,286
667.0	-	-	14,321	-
750.0	7	5,250.0	17,500	122,500
1,000.0	16	16,000.0	19,323	309,174
1,500.0	7	10,500.0	27,053	189,369
2,000.0	1	2,000.0	34,782	34,782
Totals	79,665	1,152,680.0		75,560,978

The cost of a transformer with zero capacity is estimated from the zero intercept graph to be \$750.

The consumer component of the total replacement cost is taken to be the cost if all transformers had zero capacity.

$$79,665 \times \$750 = \$59,739,857$$

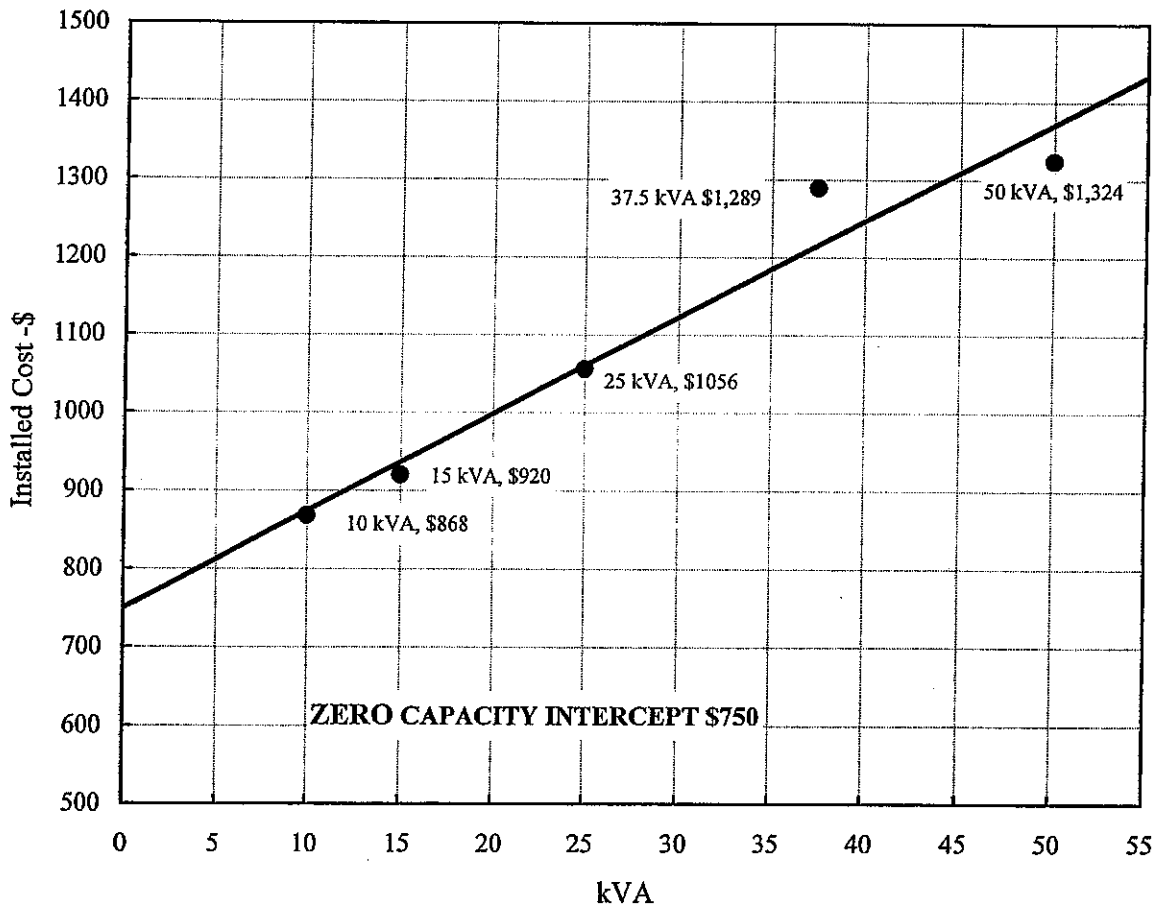
or 79.06% of the total replacement cost.

The capacity component of the total replacement cost is then equal to the difference between the total cost and the consumer component:

$$\$75,560,978 - \$59,739,857 = \$15,821,121$$

or 20.94% of the total replacement cost.

Electric Plant Functionalization
Line Transformer (O.H.) Installed Cost
Versus
Thermal Capacity



Classification of Plant in Service -- BUNDLED

Line No.	Acct. No.	Description	Class. Factor	Total	Power Supply Energy	Capacity	Transmission Energy	Capacity	Dist. Substation Capacity	Primary Line Capacity	Line Transf. Capacity	Second. & Serv. Cons.	Meter Cons.	Acct. & Serv. Cons.	Revenue
Intangible Plant															
1															
2	301	Organization	PLNT												
3	302	Franchises and consents	PLNT												
4	303	Miscellaneous intangible plant	PLNT	35,510					376	4,393	16,402	5,397	3,430		
5	301-303	Subtotal		35,510					376	4,393	16,402	5,397	3,430		
6															
7		Production Plant													
8	310-346	Production Plant	PRODI												
9															
10		Transmission Plant													
11	350-359	Transmission Plant	TRANI												
12															
13		Distribution Plant													
14	360	Land	LAND												
15	361	Structures	SUB	1,458,709					1,458,709						
16	362	Station	SUB	28,353					28,353						
17	363	Battery	SUB	984,314					984,314						
18	364	Poles, towers	PRI	54,682,991											
19	365	OH Cond	PRI	55,346,862						43,132,073					
20	366	UG Conduit	PRI	2,529,540						43,655,712					
21	367	UG Cond	PRI	24,206,297					534,325	1,995,215					
22	368	Transf	TRF	44,897,183					5,113,198	19,093,099					
23	369	Services	SERV	25,369,464							9,400,669	35,496,513			
24	370	Meters	MTR	22,559,369								25,369,464			
25	371	Cons Premise	ICON	1,198,098									22,559,369		
26	372	Leased Prop	LICON												
27	373	St. Light	STL	287,111											
28	360-373	Subtotal		233,548,291					2,471,376	28,889,591	107,876,100	35,496,513	22,559,369		
29															
30		General Plant													
31	389	Land & Land Rights	PLNT	647,600					6,853	80,107	299,127	98,427	62,554		
32	390	Structures and Improve.	PLNT	12,171,849					128,801	1,505,640	5,622,185	1,849,974	1,175,728		
33	391	Office Furniture & Equip.	PLNT	6,082,921					64,369	752,449	2,809,705	924,530	660,765		
34	392	Transportation & Equipment	PLNT	8,001,190					84,668	989,736	3,695,755	1,216,084	869,139		
35	393	Stores Equipment	PLNT	188,299					1,993	23,292	86,975	28,619	20,454		
36	394	Tool, Shop & Garage Equip.	PLNT	253,730					2,685	31,386	117,198	10,213	27,562		
37	395	Laboratory Equipment	PLNT	675,736					7,151	83,588	312,123	27,199	73,403		
38	396	Power Operated Equipment	PLNT	1,306,377					13,856	161,968	604,802	199,010	142,233		
39	397	Communication Equipment	PLNT	74,965					793	9,273	34,626	3,017	11,394		
40	398	Miscellaneous Equipment	PLNT	152,249					1,611	18,833	70,324	23,140	16,538		
41	399	Other tangible property	PLNT												
42	389-399	Subtotal		29,557,915					312,778	3,656,272	13,652,819	4,492,445	3,210,764	2,855,118	
43															
44		Total Plant		263,141,717					2,784,530	32,550,256	121,545,321	39,994,356	28,584,085	25,417,917	

Classification of Plant in Service -- BUNDLED

Line No.	Acct. No.	Description	Class. Factor	Total	Residential (A) Direct	Seasonal Residential (S) Direct	General Service (GS) Direct	Large Power (LP) Direct	C&I APM (C-APM) Direct	C&I APM (D-APM) Direct	Outdoor Lighting Direct
1		Intangible Plant									
2	301	Organization	PLNT								
3	302	Franchises and consents	PLNT	35,510							226
4	303	Miscellaneous intangible plant	PLNT								
5	301-303	Subtotal		35,510							226
6											
7		Production Plant									
8	310-346	Production Plant	PROD1								
9											
10		Transmission Plant									
11	350-359	Transmission Plant	TRAN1								
12											
13		Distribution Plant									
14	360	Land	LAND	1,458,709							
15	361	Structures	SUB	28,353							
16	362	Station	SUB	984,314							
17	363	Battery	SUB								
18	364	Poles, towers	PRI	54,682,991							
19	365	OH Cond	PRI	55,346,862							
20	366	UG Contrib	PRI	2,529,340							
21	367	UG Cond	PRI	24,206,297							
22	368	Transf	TRF	44,897,183							
23	369	Services	SERV	25,369,464							
24	370	Meters	MTR	22,559,369							
25	371	Cons Premises	ICON	1,198,098							1,198,098
26	372	Leased Prop	LICON								
27	373	St. Light	STL	287,111							287,111
28	360-373	Subtotal		233,548,291							1,485,209
29											
30		General Plant									
31	389	Land & Land Rights	PLNT	647,600							4,118
32	390	Structures and Improve.	PLNT	12,171,849							77,405
33	391	Office Furniture & Equip.	PLNT	6,082,921							38,683
34	392	Transportation & Equipment	PLNT	8,001,190							50,882
35	393	Stores Equipment	PLNT	188,299							1,197
36	394	Tool, Shop & Garage Equip.	PLNT	253,730							1,614
37	395	Laboratory Equipment	PLNT	675,736							4,297
38	396	Power Operated Equipment	PLNT	1,309,377							8,327
39	397	Communication Equipment	PLNT	74,565							477
40	398	Miscellaneous Equipment	PLNT	152,249							968
41	399	Other tangible property	PLNT								
42	389-399	Subtotal		29,557,915							187,968
43											
44		Total Plant		263,141,717							1,673,403

Great Lakes Energy Cooperative

Classification of Revenue Requirements -- FUNDED

Line No.	Acct. No.	Description	Class. Factor	Total	Residential (A) Direct	Seasonal Residential (S) Direct	General Service (GS) Direct	Large Power (LS) Direct	C&I APM Sched. 20 Direct	C&I APM Direct	Outdoor Lighting Direct
1		Power Supply									
1		Production									
2	500-557	Fuel	FUEL								
3	500-557	Non-Fuel O&M - Demand	PROD1								
4	500-557	Non-Fuel O&M - Energy	PROD1								
5		Subtotal - Production									
6		Purchases									
7	555	Direct Assign. Chgs (Cr.)		(1,323,556)						(139,500)	
8	555	Substation Charges	SUB	4,590,346							
9	555	Demand Charges	PURKW-1	21,709,285							
10	555	Summer	PURKW-2								
11	555	Winter	PURKW-3								
12	555	Other	PURKW-4								
13	555	Energy Charges	PURKWH-1	62,662,755							
14	555	On-Peak	PURKWH-2								
15	555	Off-Peak	PURKWH-3								
16	555	Revenue Related Charges	REV								
17		Subtotal - Purchases		87,638,830						(139,500)	
18	500-557	Total Power Supply		87,638,830						(139,500)	
19											
20		Transmission									
21	560-573	Operation & Maintenance	TRAN1								
22	555	Transmission - G&T Charges	TRAN2								
23		Total Transmission									
24											
25		Distribution									
26	580	Oper Super & Eng.	EX1	300,099							6,779
27	581	Load Dispatch	EX1								
28	582	Oper. Station	SUB								
29	583	Oper. OH Line	PRI	2,777,451							
30	584	Oper. UG Line	PRI	1,259,592							
31	585	Oper. St. Lighting	STL	73,198							73,198
32	586	Oper. Meters	MTR	1,002,491							
33	587	Oper. Cons. Install	ICON	43,275							43,275
34	588	Oper. Misc. Oper.	EX1	798,189							18,031
35	589	Reins	EX1	51,836							1,171
36	590	Main. Super. & Eng.	EX2	724,244							4,703
37	591	Main. Structure	SUB								
38	592	Main. Station	SUB								
39	593	Main. OH Line	PRI	9,650,578							
40	594	Main. UG Line	PRI	600,880							
41	595	Main. Line Transf	TRF	323,845							
42	596	Main. St. Lighting	STL	70,853							70,853
43	597	Main. Meters	MTR	225,978							
44	598	Main. Misc. Dist.	EX2								
45	580-598	Subtotal		17,942,508							218,009

Classification of Revenue Requirements - HUNDLED
(Continued)

Line No.	Acct. No.	Description	Class. Factor	Total	Power Supply Energy Capacity	Transmission Energy Capacity	Dist. Substation Capacity	Primary Line Capacity	Line Transf. Capacity	Second. & Serv. Cons.	Meter Cons.	Acct. & Serv. Cons.	Revenue
46		Consumer Acct. Service & Sales											
47		Consumer Accounting											
48	901	Supervision	CACC	409,193								409,193	
49	902	Meter Reading Expense	CACC	324,547								324,547	
50	903	Records & Collections	CACC	2,559,628								2,559,628	
51	904	Uncollectible Accounts	CACC	300,000								300,000	
52	905	Misc. Customer Account	CACC	70,456								70,456	
53		Subtotal		3,663,824								3,663,824	
54													
55		Consumer Service & Info.											
56	907	Supervision	CS	5,593								5,593	
57	908	Customer Assistance	CS	7,546								7,546	
58	909	Info. & Instruction	CS	2,959								2,959	
59	910	Misc. Cust. Serv. & Info	CS	608,757								608,757	
60		Subtotal		624,855								624,855	
61													
62		Sales											
63	911	Supervision	SALES										
64	912	Demonstrating & Selling	SALES	50,705								50,705	
65	913	Advertising	SALES	101,570								101,570	
66	916	Misc. Sales	SALES										
67		Subtotal		152,275								152,275	
68													
69		Prorated Operating Expenses											
70	920-	Administrative & General											
71	932	Power Supply	EXG-PS										
72		Transmission	EXG-TR										
73		Distribution	EXG-D										
74		Subtotal - A&G		6,970,743			1,186,266	868,616	3,243,483	70,558	379,134	1,147,660	
75				6,970,743			1,186,266	868,616	3,243,483	70,558	379,134	1,147,660	
76	408	Other Taxes											
77		Power Supply	EXG-PS										
78		Transmission	EXG-TR										
79		Distribution	EXG-D										
80		Subtotal - Other Taxes		312,600			53,198	38,953	145,453	3,164	17,002	51,466	
81				312,600			53,198	38,953	145,453	3,164	17,002	51,466	
82	421-	Miscellaneous Expense											
83	426,431	Power Supply	EXG-PS										
84		Transmission	EXG-TR										
85		Distribution	EXG-D										
86		Subtotal - Misc. Expense		211,240			35,948	26,322	98,290	2,138	11,489	34,778	
				211,240			35,948	26,322	98,290	2,138	11,489	34,778	

Classification of Revenue Requirements -- BUNDLED
(Continued)

Line No.	Acct. No.	Description	Class. Factor	Total	Residential (A)	Seasonal Residential (S)	General Service (GS)	Large Power (GS)	C&I APM (D-APM)	C&I APM (D-APM)	Outdoor Lighting
46		Consumer Acct. Service & Sales									
47		Consumer Accounting									
48	901	Supervision	CACC	409,191							
49	902	Meter Reading Expense	CACC	324,547							
50	903	Records & Collections	CACC	2,559,628							
51	904	Uncollectible Accounts	CACC	300,000							
52	905	Misc. Customer Account	CACC	70,456							
53		Subtotal		3,663,824							
54											
55		Consumer Service & Info.									
56	907	Supervision	CS	5,593							
57	908	Customer Assistance	CS	7,546							
58	909	Info. & Instruction	CS	2,959							
59	910	Misc. Cust Serv. & Info	CS	608,757							
60		Subtotal		624,855							
61											
62		Sales									
63	911	Supervision	SALES								
64	912	Demonstrating & Selling	SALES	50,705							
65	913	Advertising	SALES	101,570							
66	916	Misc. Sales	SALES								
67		Subtotal		152,275							
68											
69		Priority Operating Expenses									
70	920-	Administrative & General									
71	932	Power Supply	EXG-PS								
72		Transmission	EXG-TR								
73		Distribution	EXG-D	6,970,743							56,339
74		Subtotal - A&G		6,970,743							56,339
75											
76	408	Other Taxes									
77		Power Supply	EXG-PS								
78		Transmission	EXG-TR								
79		Distribution	EXG-D	312,600							2,527
80		Subtotal - Other Taxes		312,600							2,527
81											
82	421-	Miscellaneous Expense									
83	426,431	Power Supply	EXG-PS								
84		Transmission	EXG-TR								
85		Distribution	EXG-D	211,240							1,707
86		Subtotal - Misc. Expense		211,240							1,707

Classification of Revenue Requirements -- BUNDLED
(Continued)

Line No.	Acct. No.	Description	Class. Factor	Total	Power Supply Energy	Capacity	Transmission Energy	Capacity	Dist. Substation Capacity	Primary Line Capacity	Line Transf. Capacity	Second. & Serv. Cons.	Meter Cons.	Acct. & Serv. Cons.	Revenue
87		Fixed Charges													
88	403-	Depreciation													
89	407	Power Supply	PROPLNT												
90		Transmission	TRNPLNT												
91		Distribution	DSTPLNT	7,826,548					82,819	968,133	3,615,087	1,189,541			
92		Subtotal - Depreciation		7,826,548					82,819	968,133	3,615,087	1,189,541			
93												850,168			755,998
94	408	Property Taxes													
95		Power Supply	PROPLNT												
96		Transmission	TRNPLNT												
97		Distribution	DSTPLNT												
98		Subtotal - Property Taxes													
99															
100	427	Interest-LT													
101		Power Supply	PROPLNT												
102		Transmission	TRNPLNT												
103		Distribution	DSTPLNT	6,139,119					64,963	759,400	2,835,663	933,072			
104		Subtotal - Interest-LT		6,139,119					64,963	759,400	2,835,663	933,072			
105												666,869			593,002
106												666,869			593,002
107		Required Margin													
108		Power Supply	PROPLNT												
109		Transmission	TRNPLNT												
110		Distribution	DSTPLNT	3,426,784					36,262	423,888	1,582,834	520,830			
111		Subtotal - Required Margin		3,426,784					36,262	423,888	1,582,834	520,830			
112												372,239			331,007
113												372,239			331,007
114		Summary of Revenue Requirements													
115		Power Supply		83,048,484	62,662,755	21,709,285									
116		Transmission													
117		Distribution		51,860,842					6,049,803	6,446,486	24,071,708	792,471			
118		Subtotal - Revenue Requirements		134,909,326	62,662,755	21,709,285			6,049,803	6,446,486	24,071,708	792,471			
119												1,889,276			3,554,719
120												1,889,276			3,554,719
121															5,674,858
122															5,674,858

Classification of Revenue Requirements -- BUNDLED
(Continued)

Line No.	Acct. No.	Description	Class. Factor	Total	Residential (A) Direct	Seasonal Residential (S) Direct	General Service (GS) Direct	Large Power (LP) Direct	C&I APM (C-APM) Direct	C&I APM (D-APM) Direct	Outdoor Lighting Direct
87		Fixed Charges									
88	403-	Depreciation									
89	407	Power Supply	PROPLNT								
90		Transmission	TRNPLNT								
91		Distribution	DSTPLNT	7,826,548							49,772
92		Subtotal - Depreciation		7,826,548							49,772
93											
94	408	Property Taxes									
95		Power Supply	PROPLNT								
96		Transmission	TRNPLNT								
97		Distribution	DSTPLNT								
98		Subtotal - Property Taxes									
99											
100	427	Interest-LT									
101		Power Supply	PROPLNT								
102		Transmission	TRNPLNT								
103		Distribution	DSTPLNT	6,139,119							39,041
104		Subtotal - Interest-LT		6,139,119							39,041
105											
106											
107		Required Margin									
108		Power Supply	PROPLNT								
109		Transmission	TRNPLNT								
110		Distribution	DSTPLNT	3,426,784							21,792
111		Subtotal - Required Margin		3,426,784							21,792
112											
113											
114		Power Supply		83,048,484						(139,500)	
115		Transmission									
116		Distribution		51,860,842							389,186
		Total Revenue Required		134,999,326						(139,500)	389,186

Summary of Classification Factors -- BUNDLED

Line No.	Name	Description	Source	Total		Power Supply		Transmission		Dist. Substation		Primary Line		Line Transf.		Second. & Serv.		Meter Cons.	Acct. & Serv. Cons.	Revenue
				Energy	Cap.	Energy	Cap.	Capacity	Cap.	Cons.	Cap.	Cons.	Cap.	Cons.	Cap.	Cons.				
1	PROPLNT	Production Plant	Plant																	
2	TRNPLNT	Transmission Plant	Plant	233,548,291																
3	DSTPLNT	Distribution Plant	Plant	233,548,291																
4	PLNT	Prod, Trans, Dist. Subtotal	Plant	5,156,007																
5	EX1	Assigned Dist. Oper. Exp.	Rev Req	10,912,133																
6	EX2	Assigned Dist. Main. Exp.	Rev Req	17,942,508																
7	EX3	Dist. Oper. & Main.	Rev Req	110,022,292																
8	EX4	Assigned O & M Exp.	Rev Req	83,048,484																
9	EX4-PS	Power Supply	Rev Req	62,662,755	21,709,285															
10	EX4-TR	Transmission	Rev Req	62,662,755	21,709,285															
11	EX4-D	Distribution	Rev Req	26,973,808																
12	EX5	Rev. Req. Less Margin	Rev Req	124,048,532																
13	EX5-PS	Power Supply	Rev Req	83,048,484																
14	EX5-TR	Transmission	Rev Req																	
15	EX5-D	Distribution	Rev Req	41,000,048																
																</				

Summary of Classification Factors -- BUNDLED

Line No.	Name	Description	Source	Total	Residential (A)		Residential (S)		Service (GS)		Power (LP)		AFM (C-AFM)		AFM (D-AFM)		Outdoor Lighting	
					Direct	Indirect	Direct	Indirect	Direct	Indirect	Direct	Indirect	Direct	Indirect	Direct	Indirect	Direct	Indirect
Classification Factor Data																		
1	PROPLNT	Production Plant	Plant															1,485,209
2	TRNEPLNT	Transmission Plant	Plant	233,548,291														1,485,209
3	DSTPLNT	Distribution Plant	Plant	233,548,291														116,473
4	PLNT	Prod, Trans, Dist. Subtotal	Plant	5,156,007														70,853
5	EX1	Assigned Dist. Oper. Exp.	Rev Req	10,912,133														218,009
6	EX2	Assigned Dist. Main. Exp.	Rev Req	17,942,508														218,009
7	EX3	Dist. Oper. & Main.	Rev Req	17,942,508														218,009
8	EX4	Assigned O & M Exp.	Rev Req	110,022,292														218,009
9	EX4-PS	Power Supply	Rev Req	83,048,484														(139,500)
10	EX4-TR	Transmission	Rev Req															(139,500)
11	EX4-D	Distribution	Rev Req	26,973,808														218,009
12	EX5	Rev. Req. Less Margin	Rev Req	124,048,532														367,394
13	EX5-PS	Power Supply	Rev Req	83,048,484														(139,500)
14	EX5-TR	Transmission	Rev Req															(139,500)
15	EX5-D	Distribution	Rev Req	41,000,048														367,394

Summary of Classification Factors - BUNDLED

Line No.	Name	Description	Source	Total	Energy	Power Supply	Transmission	Dis. Substation	Primary Line	Line Transf.	Second. & Serv.	Meter	Acct. & Serv.	Revenue
					Cap.	Cons.	Cap.	Cons.	Cap.	Cons.	Cap.	Cons.	Cap.	Cons.
16	CACC	Consumer Accounting	Input	1.000000									1.000000	
17	CS	Customer Service	Input	1.000000									1.000000	
18	CS-PS	Cust. Service - Pwr. Supply	Input											
19	CS-TR	Cust. Service - Transmission	Input											
20	CS-D	Cust. Service - Distribution	Input	1.000000									1.000000	
21	SALES	Sales	Input	1.000000									1.000000	
22	SALES-PS	Sales - Power Supply	Input											
23	SALES-TR	Sales - Transmission	Input											
24	SALES-D	Sales - Distribution	Input	1.000000									1.000000	
25	PROPLNT	Production Plant	Plant											
26	TRNPLNT	Transmission Plant	Plant											
27	DSPLNT	Distribution Plant	Plant	1.000000										
28	PLNT	Prod. Trans. Dist. Subtotal	Plant	1.000000										
29	EX1	Assigned Dist. Oper. Exp.	Rev Req	1.000000										
30	EX2	Assigned Dist. Main. Exp.	Rev Req	1.000000										
31	EX3	Dist. Oper. & Maint.	Rev Req	1.000000										
32	EX4	Assigned O & M Exp.	Rev Req	1.000000										
33	EX4-PS	Power Supply	Rev Req	0.569546										
34	EX4-TR	Transmission	Rev Req	0.569546										
35	EX4-D	Distribution	Rev Req	0.245167										
36	EX5	Rev. Req. Less Margin	Rev Req	1.000000										
37	EX5-PS	Power Supply	Rev Req	0.505147										
38	EX5-TR	Transmission	Rev Req	0.669484										
39	EX5-D	Distribution	Rev Req	0.330516										
40	EX6	A&G Classification	Input	1.000000										
41	EX6-PS	Power Supply	Input											
42	EX6-TR	Transmission	Input											
43	EX6-D	Distribution	Input											
44	FUEL	Fuel	Input	1.000000										
45	ICON	Install Cons. Prem.	Input	1.000000										
46	LAND	Land & Land Rights	Input	1.000000										
47	LICON	Leased Property	Input	1.000000										
48	MTR	Meters	Input	1.000000										
49	PRI	Primary Line	Input	1.000000										
50	PROD1	Production Plant	Input	1.000000										
51	PROD2	Production O & M	Input	1.000000										
52	PURTR-1	Trans. Capacity	Input	1.000000										
53	PURTR-2	Trans. Energy	Input	1.000000										
54	PURKW-1	Purchased Power Capacity	Input	1.000000										
55	PURKW-2	Summer	Input	1.000000										
56	PURKW-3	Winter	Input	1.000000										
57	PURKW-4	Other	Input	1.000000										
58	PURKWH-1	Purchased Power Energy	Input	1.000000										
59	PURKWH-2	On-Peak	Input	1.000000										
60	PURKWH-3	Off-Peak	Input	1.000000										
61	SERV	Services	Input	1.000000										
62	STL	Street Lighting	Input	1.000000										
63	SUB	Substation	Input	1.000000										
64	TRAN1	Transmission Plant	Input	1.000000										
65	TRAN2	Transmission Purchases	Input	1.000000										
66	TRF	Line Transf.	Input	1.000000										
67	REV	Revenue Related	Input	1.000000										

Summary of Classification Factors -- BUNDLED

Line No.	Name	Description	Source	Total	Residential (A) Direct	Seasonal Residential (S) Direct	General Service (GS) Direct	Large Power (LP) Direct	C&I APM (C-APM) Direct	C&I APM (D-APM) Direct	Outdoor Lighting Direct
16	Classification Factors										
17	CACC	Consumer Accounting	Input	1.000000							
18	CS	Customer Service	Input	1.000000							
19	CS-PS	Cust. Service - Pwr. Supply	Input								
20	CS-TR	Cust. Service - Transmission	Input								
21	CS-D	Cust. Service - Distribution	Input	1.000000							
22	SALES	Sales	Input	1.000000							
23	SALES-PS	Sales - Power Supply	Input								
24	SALES-TR	Sales - Transmission	Input								
25	SALES-D	Sales - Distribution	Input								
26	PROPLNT	Production Plant	Plant	1.000000							
27	TRNPLNT	Transmission Plant	Plant								
28	DSTPLNT	Distribution Plant	Plant	1.000000							
29	PLNT	Prod, Trans, Dist. Subtotal	Plant	1.000000							
30	EX1	Assigned Dist. Oper. Exp.	Rev Req	1.000000							0.006359
31	EX2	Assigned Dist. Main. Exp.	Rev Req	1.000000							0.006359
32	EX3	Dist. Oper. & Main.	Rev Req	1.000000							0.006493
33	EX4	Assigned O & M Exp.	Rev Req	1.000000							0.012150
34	EX4-PS	Power Supply	Rev Req	0.754833						(0.001268)	0.001981
35	EX4-TR	Transmission	Rev Req							(0.001268)	
36	EX4-D	Distribution	Rev Req	0.245167							0.001981
37	EX5	Rev. Req. Less Margin	Rev Req	1.000000						(0.001125)	0.002962
38	EX5-PS	Power Supply	Rev Req	0.669484						(0.001125)	
39	EX5-TR	Transmission	Rev Req								
40	EX5-D	Distribution	Rev Req	0.330516							0.002962
41	EX6	A&G Classification	Input	1.000000							0.008082
42	EX6-PS	Power Supply	Input								
43	EX6-TR	Transmission	Input								
44	EX6-D	Distribution	Input	1.000000							
45	FUEL	Fuel	Input								
46	ICON	Install Cons. Prem.	Input	1.000000							
47	LAND	Land & Land Rights	Input	1.000000							
48	LICON	Leased Property	Input	1.000000							
49	MTR	Meters	Input	1.000000							
50	PR1	Primary Line	Input	1.000000							
51	PROD1	Production Plant	Input	1.000000							
52	PROD2	Production O & M	Input	1.000000							
53	PURTR-1	Trans. Capacity	Input	1.000000							
54	PURTR-2	Trans. Energy	Input	1.000000							
55	PURKW-1	Purchased Power Capacity	Input	1.000000							
56	PURKW-2	Summer	Input	1.000000							
57	PURKW-3	Winter	Input	1.000000							
58	PURKW-4	Other	Input	1.000000							
59	PURKWH-1	Purchased Power Energy	Input	1.000000							
60	PURKWH-2	On-Peak	Input	1.000000							
61	PURKWH-3	Off-Peak	Input	1.000000							
62	SERV	Services	Input	1.000000							
63	STL	Street Lighting	Input								
64	SUB	Substation	Input	1.000000							
65	TRAN1	Transmission Plant	Input	1.000000							
66	TRAN2	Transmission Purchases	Input								
67	TRF	Line Transf.	Input	1.000000							
68	REV	Revenue Related	Input	1.000000							

Summary of Allocation of Revenue Requirements to Rate Classes - BUNDLED

Line No.	Cost Classification	Alloc. Factor	Total	Residential (A)	Seasonal Residential (S)	General Service (GS)	Large Power (LP)	C&I APM (C-APM)	C&I APM (D-APM)	Primary Substation (PSDS)	Outdoor Lighting
1	Power Supply										
2	Wholesale Power										
3	Direct Assigned Charges (Credits)	Direct	(1,323,556)						(139,500)	(1,184,056)	
4	Demand Related	D7	21,709,285	12,384,856	2,210,340	2,511,054	1,099,972	385,535	303,747	2,666,744	147,036
5	Demand Related - Summer	D4									
6	Demand Related - Winter	D5									
7	Demand Related - Other	D6									
8	Subtotal - Demand		21,709,285	12,384,856	2,210,340	2,511,054	1,099,972	385,535	303,747	2,666,744	147,036
9	Energy Related	E1	62,662,755	33,076,462	5,903,197	6,839,917	3,058,192	1,440,286	882,397	11,187,600	274,705
10	Energy Related - On-Peak	E2									
11	Energy Related - Off-Peak	E3									
12	Subtotal - Energy		62,662,755	33,076,462	5,903,197	6,839,917	3,058,192	1,440,286	882,397	11,187,600	274,705
13	Revenue Related	R2	83,048,484	45,461,318	8,113,537	9,350,971	4,158,163	1,825,821	1,046,643	12,670,287	421,742
14	Subtotal - Wholesale										
15	Allocated Overhead & Margin										
16	Direct Related	Direct									
17	Revenue Related	R2									
18	Demand Related	D7									
19	Energy Related	E1									
20	Subtotal - Allocated										
21	Subtotal - Power Supply		83,048,484	45,461,318	8,113,537	9,350,971	4,158,163	1,825,821	1,046,643	12,670,287	421,742
22											
23	Transmission										
24	Direct Assigned	Direct									
25	Demand Related	D7									
26	Energy Related	E1									
27	Subtotal - Transmission										
28	Allocated Overhead & Margin										
29	Direct Related	Direct									
30	Revenue Related	R2									
31	Demand Related	D7									
32	Energy Related	E1									
33	Subtotal - Allocated										
34	Subtotal - Transmission										
35											
36	Distribution										
37	Power Supply	E1	6,049,803	3,463,327	618,104	708,533	313,312	127,287	85,377	705,032	28,831
38	Dist. Sub.	D9									
39	Dist. Sub.	C2									
40	Primary Line	D9	6,446,486	3,690,416	658,633	754,991	333,856	135,634	90,975	751,261	30,722
41	Primary Line	C2	24,071,708	14,386,000	7,491,981	2,051,440	86,147	23,967	5,437	7,108	19,628
42	Line Transf.	D10	792,471	461,636	189,695	95,172	27,684	12,768			5,515
43	Line Transf.	C3	2,992,334	1,792,284	933,390	251,325	10,084	2,805			2,445
44	Sec. & Serv.	C4	1,889,276	1,131,423	589,226	158,899	6,403	1,781			1,544
45	Meter	C5	3,554,719	2,021,549	1,052,788	368,973	37,580	12,953	25,189	32,929	2,758
46	Acct. & Serv.	C6	5,674,858	3,227,260	1,680,701	589,040	59,994	20,679	40,212	52,568	4,403
47	Revenue Related	R2									
48	Direct Assigned	Direct	389,186								389,186
49	Subtotal - Distribution		51,860,842	30,173,894	13,214,518	4,978,373	875,062	337,875	247,190	1,548,897	485,032
50	Total		134,909,326	75,635,212	21,328,055	14,329,345	5,033,225	2,163,697	1,293,834	14,219,185	906,774

Allocation of Plant in Service To Rate Classes -- BUNDLED

Line No.	Acct. No.	Description	Class. Factor	Total	Residential (A)	Seasonal Residential (S)	General Service (GS)	Large Power (LP)	C&I APM (C-APM)	C&I APM (D-APM)	Primary Substation (PSS)	Outdoor Lighting
Intangible Plant												
1		Organization	PLNT									
2	301	Franchises and consents	PLNT	35,510	20,783	9,806	3,246	418	158	107	710	282
3	302	Miscellaneous intangible plant	PLNT									
4	303	Subtotal	PLNT	35,510	20,783	9,806	3,246	418	158	107	710	282
5	301-303											
6												
7		Production Plant										
8	310-346	Production Plant	PROD									
9												
10		Transmission Plant										
11	350-359	Transmission Plant	TRAN									
12												
13		Distribution Plant										
14	360	Land	LAND	1,458,709	832,174	148,519	168,725	73,910	25,905	20,410	179,186	9,880
15	361	Structures	SUB	28,353	16,175	2,887	3,280	1,437	504	397	3,483	192
16	362	Station	SUB	984,314	561,538	100,218	113,853	49,873	17,480	13,772	120,912	6,667
17	363	Battery	SUB									
18	364	Poles, towers	PRI	54,682,991	32,389,613	14,604,401	5,028,608	752,568	285,975	172,753	1,358,857	90,217
19	365	OH Cond	PRI	55,346,862	32,782,834	14,781,703	5,089,657	761,705	289,446	174,850	1,375,354	91,312
20	366	UG Conduit	PRI	2,529,540	1,498,287	675,574	232,615	34,813	13,229	7,991	62,858	4,173
21	367	UG Cond	PRI	24,206,297	14,337,778	6,464,871	2,225,994	333,136	126,591	76,472	601,520	39,936
22	368	Transf	TRF	44,897,183	26,737,086	13,322,583	4,110,316	448,026	184,745		94,427	20,729
23	369	Services	SERV	25,369,464	15,192,909	7,912,205	2,133,721	85,980	23,920		208,976	17,504
24	370	Meters	MTR	22,559,369	12,829,385	6,681,322	2,341,622	238,497	82,206	159,857		1,198,098
25	371	Cons Premise	ICON	1,198,098								
26	372	Leased Prop	LCON									
27	373	St. Light	STL	287,111								
28	360-373	Subtotal		233,548,291	137,177,779	64,694,283	21,448,389	2,779,946	1,050,002	626,502	3,911,146	1,860,245
29												
30		General Plant										
31	389	Land & Land Rights	PLNT	647,600	379,018	178,831	59,194	7,627	2,874	1,959	12,955	5,142
32	390	Structures and Improve.	PLNT	12,171,849	7,123,775	3,361,186	1,112,564	143,352	54,017	36,815	243,494	96,646
33	391	Office Furniture & Equip.	PLNT	6,082,921	3,560,129	1,679,764	556,008	71,640	26,995	18,399	121,687	48,299
34	392	Transportation & Equipment	PLNT	8,001,190	4,682,829	2,209,483	731,346	94,233	35,508	24,201	160,061	63,530
35	393	Stores Equipment	PLNT	188,299	110,205	51,998	17,211	2,218	836	570	3,767	1,495
36	394	Tool, Shop & Garage Equip.	PLNT	253,730	148,499	70,066	23,192	2,988	1,126	767	5,076	2,015
37	395	Laboratory Equipment	PLNT	675,736	395,486	186,601	61,765	7,958	2,999	2,044	13,318	5,365
38	396	Power Operated Equipment	PLNT	1,309,377	766,335	361,577	119,683	15,421	5,811	3,960	26,194	10,397
39	397	Communication Equipment	PLNT	74,965	43,874	20,701	6,852	883	333	227	1,500	595
40	398	Miscellaneous Equipment	PLNT	152,249	89,106	42,043	13,916	1,793	676	460	3,046	1,209
41	399	Other tangible property	PLNT									
42	389-399	Subtotal		29,557,915	17,299,257	8,162,248	2,701,732	348,113	131,174	89,402	591,297	234,692
43												
44		Total Plant		263,141,717	154,497,818	72,866,337	24,153,367	3,128,477	1,181,333	716,011	4,503,153	2,095,220

Allocation of Revenue Requirements to Rate Classes -- BUNDLED

Line No.	Acct. No.	Description	Class. Factor	Total	Residential (A)	Seasonal Residential (S)	General Service (GS)	Large Power (LP)	C&I APM (C-APM)	C&I APM (D-APM)	Primary Substation (PSDS)	Outdoor Lighting
1		Power Supply										
2		Production										
3	500-557	Fuel	FUEL									
4	500-557	Non-Fuel O&M - Demand	PROD1									
5	500-557	Non-Fuel O&M - Energy	PROD1									
6		Subtotal - Production										
7		Purchases										
8	555	Direct Assign. Chgs (Cr.)		(1,323,556)								
9	555	Substation Charges	PURKSUB	4,590,346	2,627,832	468,992	537,606	237,729	96,581	(139,500)	(1,184,056)	21,876
10	555	Demand Charges	PURKW-1	21,709,285	12,384,856	2,210,340	2,511,054	1,099,972	385,535	303,747	2,666,744	147,036
11	555	Summer	PURKW-2									
12	555	Winter	PURKW-3									
13	555	Other	PURKW-4									
14		Total Demand		21,709,285	12,384,856	2,210,340	2,511,054	1,099,972	385,535	303,747	2,666,744	147,036
15	555	Energy Charges	PURKWH-1	62,662,755	33,076,462	5,903,197	6,839,917	3,058,192	1,440,286	882,397	11,187,600	274,705
16	555	On-Peak	PURKWH-2									
17	555	Off-Peak	PURKWH-3									
18		Total Energy		62,662,755	33,076,462	5,903,197	6,839,917	3,058,192	1,440,286	882,397	11,187,600	274,705
19	555	Revenue Related Charges	REVENUE									
20		Subtotal - Purchases		87,638,830	48,089,151	8,582,530	9,888,577	4,395,892	1,922,402	1,111,424	13,205,237	443,618
21	500-557	Total Power Supply		87,638,830	48,089,151	8,582,530	9,888,577	4,395,892	1,922,402	1,111,424	13,205,237	443,618
22		Transmission										
23	560-573	Operation & Maintenance	TRAN1									
24	555	Transmission - G&T Charges	TRAN2									
25		Total Transmission										
26		Distribution										
27	580	Oper. Super & Eng.	EX1	300,099	172,360	80,035	27,664	3,851	1,441	1,156	6,379	7,212
28	581	Load Dispatch	EX1									
29	582	Oper. Station	SUB									
30	583	Oper. OH Line	PRI	2,777,451	1,645,129	741,785	255,412	38,224	14,525	8,774	69,019	4,582
31	584	Oper. UG Line	PRI	1,259,592	746,077	336,404	115,831	17,335	6,587	3,979	31,301	2,078
32	585	Oper. St. Lighting	STL	73,198								73,198
33	586	Oper. Meters	MTR	1,002,491	570,111	296,904	104,057	10,598	3,653	7,104	9,286	778
34	587	Oper. Cons. Install	ICON	43,275								43,275
35	588	Oper. Misc. Oper.	EX1	798,189	458,434	212,875	73,580	10,242	3,834	3,074	16,968	19,182
36	589	Rents	EX1	51,836	29,772	13,825	4,778	665	249	200	1,102	1,246
37	590	Main. Super. & Eng.	EX2	724,244	425,911	193,245	66,337	9,773	3,715	2,264	17,113	5,886
38	591	Main. Structure	SUB									
39	592	Main. Station	SUB									
40	593	Main. OH Line	PRI	9,690,578	5,739,884	2,588,101	891,138	133,365	50,679	30,614	240,808	15,988
41	594	Main. UG Line	PRI	600,880	355,911	160,479	55,256	8,270	3,142	1,898	14,932	991
42	595	Main. Line Transf.	TRF	323,845	192,856	96,096	29,648	3,232	1,333			681
43	596	Main. St. Lighting	STL	70,853								70,853
44	597	Main. Meters	MTR	225,978	128,512	66,927	23,456	2,389	823	1,601	2,093	175
45	598	Main. Misc. Dist.	EX2									
46	580-598	Subtotal		17,942,508	10,464,956	4,786,676	1,647,159	237,944	89,982	60,665	409,001	246,126

Allocation of Revenue Requirements to Rate Classes -- BUNDLED
(Continued)

Line No.	Acct. No.	Description	Class. Factor	Total	Residential (A)	Seasonal Residential (S)	General Service (GS)	Large Power (LP)	C&I APM (C-APM)	C&I APM (D-APM)	Primary Substation (PSDS)	Outdoor Lighting
47		Consumer Acct. Service & Sales										
48		Consumer Accounting										
49	901	Supervision	CACC	409,193	232,706	121,189	42,474	4,326	1,491	2,900	3,791	317
50	902	Meter Reading Expense	CACC	324,547	184,568	96,120	33,687	3,431	1,183	2,300	3,006	252
51	903	Records & Collections	CACC	2,559,628	1,455,646	758,075	265,685	27,060	9,327	18,138	23,711	1,986
52	904	Uncollectible Accounts	CACC	300,000	170,608	88,850	31,139	3,172	1,093	2,126	2,779	233
53	905	Misc. Customer Account	CACC	70,456	40,068	20,867	7,313	745	257	499	653	55
54		Subtotal		3,663,824	2,083,596	1,085,101	380,298	38,734	13,351	25,962	33,939	2,843
55		Consumer Service & Info.										
56	907	Supervision	CS	5,593	3,181	1,656	581	59	20	40	52	4
57	908	Customer Assistance	CS	7,546	4,291	2,235	783	80	27	53	70	6
58	909	Info. & Instruction	CS	2,959	1,683	876	307	31	11	21	27	2
59	910	Misc. Cust. Serv. & Info	CS	608,757	346,197	180,293	63,188	6,436	2,218	4,314	5,639	472
60		Subtotal		624,855	355,351	185,061	64,859	6,606	2,277	4,428	5,788	485
61		Sales										
62	911	Supervision	SALES									
63	912	Demonstrating & Selling	SALES	50,705	28,836	15,017	5,263	536	185	359	470	39
64	913	Advertising	SALES	101,570	57,762	30,082	10,543	1,074	370	720	941	79
65	916	Misc. Sales	SALES									
66		Subtotal		152,275	86,598	45,099	15,806	1,610	555	1,079	1,411	118
67		Prorated Operating Expenses										
68		Administrative & General										
69	920	Administrative & General		2,185,411								
70	921	Office Supplies & Expenses		690,344								
71	922	Admin. Expenses Transferred										
72	923	Outside Services Employed		486,100								
73	924	Property Insurance		14,315								
74	925	Injuries & Damages		532,376								
75	926	Employee Pensions & Benefits										
76	927	Franchise Requirements										
77	928	Regulatory Commission Exp.		140,242								
78	929	Duplicate Charges										
79	930.1	General Advertising										
80	930.2	Misc.		2,039,116								
81	931	Rents		380								
82	935	Maint. of General Plant		882,458								
83		Accounts 920-935		6,970,743								
84		Power Supply	EX6-PS									
85		Transmission	EX6-TR									
86		Distribution	EX6-D									
87		Subtotal - A&G		6,970,743	4,036,189	1,698,101	683,726	135,059	52,395	40,551	254,573	70,149
					4,036,189	1,698,101	683,726	135,059	52,395	40,551	254,573	70,149

Allocation of Revenue Requirements to Rate Classes -- BUNDLED
(Continued)

Line No.	Acct. No.	Description	Class. Factor	Total	Residential (A)	Seasonal Residential (S)	General Service (GS)	Large Power (LP)	C&I APM (C-APM)	C&I APM (D-APM)	Primary Substation (PSDS)	Outdoor Lighting
88	408	Other Taxes										
89		Power Supply	EX6-PS									
90		Transmission	EX6-TR									
91		Distribution	EX6-D	312,600	181,001	76,151	30,661	6,057	2,350	1,818	11,416	3,146
92		Subtotal - Other Taxes		312,600	181,001	76,151	30,661	6,057	2,350	1,818	11,416	3,146
93	421-	Miscellaneous Expense										
94	426,431	Power Supply	EX6-PS									
95		Transmission	EX6-TR									
96		Distribution	EX6-D	211,240	122,312	51,459	20,719	4,093	1,588	1,229	7,715	2,126
97		Subtotal - Misc. Expense		211,240	122,312	51,459	20,719	4,093	1,588	1,229	7,715	2,126
98		Fixed Charges										
99	403-	Depreciation										
100	407	Power Supply	PROPLNT									
101		Transmission	TRNPLNT									
102		Distribution	DSTPLNT	7,826,548	4,597,194	2,168,030	718,887	93,253	35,459	21,005	130,546	62,173
103		Subtotal - Depreciation		7,826,548	4,597,194	2,168,030	718,887	93,253	35,459	21,005	130,546	62,173
104	408	Property Taxes										
105		Power Supply	PROPLNT									
106		Transmission	TRNPLNT									
107		Distribution	DSTPLNT									
108		Subtotal - Property Taxes										
109												
110		Total Oper. Expenses		125,343,423	70,016,348	18,678,206	13,450,693	4,919,248	2,120,358	1,268,161	14,059,626	830,783
111		Interest-LT										
112	427	Power Supply	PROPLNT									
113		Transmission	TRNPLNT									
114		Distribution	DSTPLNT	6,139,119	3,606,024	1,700,596	563,893	73,147	27,814	16,476	102,400	48,769
115		Subtotal - Interest-LT		6,139,119	3,606,024	1,700,596	563,893	73,147	27,814	16,476	102,400	48,769
116		Required Margin										
117		Power Supply	PROPLNT									
118		Transmission	TRNPLNT									
119		Distribution	DSTPLNT	3,426,784	2,012,840	949,253	314,758	40,830	15,525	9,197	57,159	27,222
120		Subtotal - Required Margin		3,426,784	2,012,840	949,253	314,758	40,830	15,525	9,197	57,159	27,222
121		Power Supply		87,638,830	48,089,151	8,582,530	9,888,577	4,395,892	1,922,402	1,111,424	13,205,237	443,618
122		Transmission										
123		Distribution		47,270,496	27,546,062	12,745,525	4,440,767	637,333	241,295	182,410	1,013,948	463,156
124		Total Rev. Req.		134,909,326	75,635,212	21,328,055	14,329,345	5,033,225	2,163,697	1,293,834	14,219,185	906,774

Development of Allocation Factors -- BUNDLED

Line No.	Description	Units	Total	Residential (A)	Seasonal Residential (S)	General Service (GS)	Large Power (LP)	C&I APM (C-APM)	C&I APM (D-APM)	Primary Substation (PSDS)	Outdoor Lighting
1	Allocation Factor Input Data										
2	Energy	MWh	1,284,598	669,719	119,526	138,492	61,921	29,162	18,667	241,549	5,562
3	Energy Sales -- All	MWh									
4	Energy Sales -- On-Peak	MWh									
5	Energy Sales -- Off-Peak	MWh									
6	Dist. Losses	MWh									
7	Energy -- All @ Sub.	MWh	7.70%	7.70%	7.70%	7.70%	7.70%	7.70%	3.08%	1.00%	7.70%
8	Energy -- On-Peak @ Sub.	MWh	1,366,466	721,287	128,729	149,156	66,689	31,408	19,242	243,964	5,990
9	Energy -- Off-Peak @ Sub.	MWh									
10	Trans. Losses	MWh									
11	Energy -- All @ Source	MWh									
12	Energy -- On-Peak @ Source	MWh									
13	Energy -- Off-Peak @ Source	MWh									
14	Demand										
15	Non-Coin. Demand @ Cons.	kW	1,070,075	567,595	233,236	117,017	34,039	15,699	9,094	86,615	6,781
15.1	Non-Coin. Demand @ Cons. (Sec.)	kW	974,366	567,595	233,236	117,017	34,039	15,699			6,781
16	Class Non-Coin. Demand @ Sub.	kW	294,495	168,419	30,058	34,147	14,958	5,243	3,869	36,397	1,405
17	Class Non-Coin. Demand Transm.	kW	294,495	168,419	30,058	34,147	14,958	5,243	3,869	36,397	1,405
18	Summer Coin. Demand	kW									
19	Winter Coin. Demand	kW									
20	Other Coin. Demand	kW									
21	Coin. Demand @ Sub.	kW	207,408	118,324	21,117	23,990	10,509	3,683	2,902	25,478	1,405
22	Coin. Demand @ Source	kW	207,408	118,324	21,117	23,990	10,509	3,683	2,902	25,478	1,405
23	Average and Excess Demand										
24	Average Demand	kW	155,989	82,339	14,695	17,027	7,613	3,585	2,197	27,850	684
25	Class Excess Demand	kW	138,506	86,080	15,363	17,120	7,345	1,657	1,673	8,547	721
26	Alloc. Excess Demand	kW	51,419	31,956	5,703	6,356	2,727	615	621	3,173	268
27	Avg. & Excess Demand	kW	199,652	114,295	20,398	23,383	10,340	4,201	2,818	23,267	951
28	Revenue										
29	Present Rate Revenue	\$	127,533,434	70,036,995	17,614,838	15,603,058	5,633,772	2,323,823	1,393,426	14,104,214	823,308
30	Proposed Rate Revenue	\$	127,533,434	70,036,995	17,614,838	15,603,058	5,633,772	2,323,823	1,393,426	14,104,214	823,308
31	Consumer										
32	No. Consumers		120,504	71,828	37,407	8,972	236	66	15	20	1,960
33	Pri. Line Weight Factor			1.00	1.00	1.14	1.82	1.82	1.82	1.82	0.05
34	Weight No. of Cons.		120,188.6	71,828.4	37,407.0	10,242.7	430.1	119.7	27.1	35.5	98.0
35	Transf. Weight Factor			1.00	1.00	1.12	1.71	1.71	1.71	1.71	0.05
36	Weight No. of Cons.		119,922.2	71,828.4	37,407.0	10,072.2	404.1	112.4			98.0
37	Service Weight Factor			1.00	1.00	1.12	1.72	1.72			0.05
38	Weight No. of Cons.		119,940.7	71,828.4	37,407.0	10,087.7	406.5	113.1			98.0
39	Meter Weight Factor			1.00	1.00	1.46	5.65	7.00	60.00	60.00	0.05
40	Weight No. of Cons.		126,304.1	71,828.4	37,407.0	13,110.1	1,335.3	460.3	895.0	1,170.0	98.0
41	Cons. Acct. Weight Factor			1.00	1.00	1.46	5.65	7.00	60.00	60.00	0.05
42	Weight No. of Cons.		126,304.1	71,828.4	37,407.0	13,110.1	1,335.3	460.3	895.0	1,170.0	98.0

Development of Allocation Factors – BUNDLED
(Continued)

Line No.	Description	Data Line No.	Name	Total	Residential (A)	Seasonal Residential (S)	General Service (GS)	Large Power (LP)	C&I APM (C-APM)	C&I APM (D-APM)	Primary Substation (PSDS)	Outdoor Lighting
43	Allocation Factors											
44	Energy Related											
45	Energy – All @ Sub.	7	E1	1.000000	0.527849	0.094206	0.109154	0.048804	0.022985	0.014082	0.178537	0.004384
46	Energy – On-Peak @ Sub.	8	E2									
47	Energy – Off-Peak @ Sub.	9	E3									
48	Energy – All @ Source	11	E4	1.000000	0.527849	0.094206	0.109154	0.048804	0.022985	0.014082	0.178537	0.004384
49	Energy – On-Peak @ Source	12	E5									
50	Energy – Off-Peak @ Source	13	E6									
51												
52	Demand Related											
53	Non-coin. Demand @ Cons.	15	D1	1.000000	0.530426	0.217962	0.109354	0.031810	0.014671	0.008499	0.080943	0.006337
54	Non-coin. Demand @ Class	16	D2	1.000000	0.571888	0.102066	0.115951	0.050793	0.017803	0.013139	0.123590	0.004770
55	Non-coin. Demand @ Transm	17	D3	1.000000	0.571888	0.102066	0.115951	0.050793	0.017803	0.013139	0.123590	0.004770
56	Summer Coin. Demand	18	D4									
57	Winter Coin. Demand	19	D5									
58	Other Coin. Demand	20	D6									
59	Coin. Demand @ Sub.	21	D7	1.000000	0.570487	0.101815	0.115667	0.050668	0.017759	0.013992	0.122839	0.006773
60	Coin. Demand @ Source	22	D8	1.000000	0.570487	0.101815	0.115667	0.050668	0.017759	0.013992	0.122839	0.006773
61	Avg. & Excess	27	D9	1.000000	0.572469	0.102169	0.117117	0.051789	0.021040	0.014112	0.116538	0.004766
62	Non-coin. Demand @ Cons. (Sec)	15.1	D10	1.000000	0.582528	0.239372	0.120095	0.034934	0.016112			0.006959
63	Revenue Related											
64	Present Rate Revenue	29	R1	1.000000	0.549166	0.138119	0.122345	0.044175	0.018221	0.010926	0.110592	0.006456
65	Proposed Rate Revenue	30	R2	1.000000	0.549166	0.138119	0.122345	0.044175	0.018221	0.010926	0.110592	0.006456
66												
67	Consumer Related											
68	No. of Cons.	32	C1	1.000000	0.596068	0.310422	0.074452	0.001961	0.000546	0.000124	0.000162	0.016265
69	Pri. Line Weight. Cons.	34	C2	1.000000	0.597631	0.311236	0.085222	0.003579	0.000956	0.000226	0.000295	0.000815
70	Transf. Weight. Cons.	36	C3	1.000000	0.598958	0.311927	0.083990	0.003370	0.000938			0.000817
71	Services Weight. Cons.	38	C4	1.000000	0.598866	0.311879	0.084106	0.003389	0.000943			0.000817
72	Meter Weight. Cons.	40	C5	1.000000	0.568694	0.296166	0.103798	0.010572	0.003644	0.007086	0.009263	0.000776
73	Cons. Aect. Weight. Cons.	42	C6	1.000000	0.568694	0.296166	0.103798	0.010572	0.003644	0.007086	0.009263	0.000776

Rate Class Weighting Factors

I. Three Phase Vs. Single Phase Class Weighting Factors

A. Investment to Serve 3Ø vs. 1Ø Consumers (use replacement cost)

	<u>1Ø</u>	<u>3Ø</u>
1. kWh Meter	\$78	\$286
2. kWh & kW Meter	\$233	\$441
3. kWh & kW Meter (pulse activated)	\$286	\$546
4. Service ¹	\$247	\$425
5. Transformer ²	\$1,852	\$3,168
6. Primary Line ³	\$686	\$1,249

B. Weighting Factors for Relative 3Ø Class Investment Costs

1. Meter (3Ø Interval Recording)	\$1,200 ÷	\$78 =	15.38
2. Meter (3Ø w/demand, TOD)	\$546 ÷	\$78 =	7.00
3. Meter (3Ø w/demand)	\$441 ÷	\$78 =	5.65
4. Meter (3Ø w/o demand)	\$286 ÷	\$78 =	3.67
5. Service	\$425 ÷	\$247 =	1.72
6. Transformer	\$3,168 ÷	\$1,852 =	1.71
7. Primary Line	\$1,249 ÷	\$686 =	1.82

¹ Assume a typical installation of 80 feet of 1/0 triplex (or quadriplex), pole and miscellaneous materials to estimate the difference between a 1Ø and 3Ø installation.

² Use the cost difference between 1-75 kVA transformer and 3-25 kVA transformers as representative of the difference between a 1Ø versus a 3Ø transformer installation.

³ Assume a typical installation of 150 feet of 1/0 ACSR to estimate the difference in primary line between a 1Ø and 3Ø installation.

Summary of Class Load Characteristics -- BUNDLED

Line No.	Description	Units	Total	Residential (A)	Seasonal Residential (S)	General Service (GS)	Large Power (LP)	C&I APM (C-APM)	C&I APM (D-APM)	Primary Substation (PSDS)	Outdoor Lighting
1	Class Billing Determinants										
2	No. of Cons.	cons.	120,504	71,828	37,407	8,972	236	66	15	20	1,960
3	Energy Sales -- All	MWh	1,284,598	669,719	119,526	138,492	61,921	29,162	18,667	241,549	5,562
4	Energy Sales -- On-Peak	MWh									
5	Energy Sales -- Off-Peak	MWh									
6	Billing Demand	kW-mo.	1,284,948			450,255	197,235	69,130	53,573	514,755	
7											
8	Demand Estimate										
9	Non-Coincidental Demand of Individual Cons.										
10		kW	1,070,075	567,595	253,236	117,017	34,039	15,699	9,094	86,615	6,781
11	Non-Coincidental Class Demand	kW	294,495	168,419	30,058	34,147	14,958	5,243	3,869	36,397	1,405
12	Coincidental Summer Demand	kW									
13	Coincidental Winter Demand	kW									
14	Coincidental Other Demand	kW									
12	Coincidental Class Demand	kW	207,408	118,324	21,117	23,990	10,509	3,683	2,902	25,478	1,405

**Estimate of Class Demands Summary
For the Test Year Ended December 31, 2005**

Description	Units	Total System	Residential (A)	Seasonal Residential (S)	General Service (GS)	Large Power (LP)	C&I APM (C-APM)	C&I APM (D-APM)	Primary Substation (PSDS)	Contracts	Outdoor Lighting
Individual Class Billing Determinants											
Rate Class											
Number of Consumers	cons.	126,470	71,828	37,407	8,972	236	66	15	20	3	7,923
Energy	MWh	1,283,677	669,719	119,526	138,492	61,921	29,162	18,667	134,114	106,514	5,562
Billing Demand	kW	1,284,948	-	-	450,255.0	197,235.0	69,130.0	53,573.0	331,904.0	182,851.0	-
Class Revenue	\$	126,557,440	\$ 70,036,995	\$ 17,614,838	\$ 15,603,058	\$ 5,633,772	\$ 2,323,823	\$ 1,393,426	\$ 8,002,784	\$ 5,125,436	\$ 823,308
Customer Regrouping 1											
Number of Consumers	cons.	-	-	-	-	-	-	-	3	(3)	-
Energy	MWh	921	-	-	-	-	-	-	107,435	(106,514)	-
Billing Demand	kW	-	-	-	-	-	-	-	182,851	(182,851)	-
Class Revenue	\$	975,994	-	-	-	-	-	-	6,101,430	(5,125,436)	-
COS Class Billing Determinants											
Number of Consumers	cons.	126,470	71,828	37,407	8,972	236	66	15	23	-	7,923
Energy	MWh	1,284,598	669,719	119,526	138,492	61,921	29,162	18,667	241,549	-	5,562
Billing Demand	kW	1,284,948	-	-	450,255.0	197,235.0	69,130.0	53,573.0	514,755.0	-	-
Class Revenue	\$	127,533,434	70,036,995	17,614,838	15,603,058	5,633,772	2,323,823	1,393,426	14,104,214	-	823,308
Assigned Demand Responsibility											
Non-Coincident Consumer	kW	1,070,075	567,595.1	233,235.6	117,016.9	34,038.7	15,699.2	9,094.2	86,614.7	-	6,780.6
Non-Coincident Class	kW	294,495	168,418.5	30,057.9	34,147.2	14,958.2	5,242.8	3,869.3	36,396.8	-	1,404.8
Coincident	kW	207,408	118,323.5	21,117.3	23,990.3	10,509.0	3,683.4	2,902.0	25,477.8	-	1,404.8

Estimate of Class Demands
For the Test Year Ended December 31, 2005

Line No.	Description	Total System	Residential (A)	Seasonal Residential (S)	General Service (GS)	Large Power (LP)	C&I APM (C-APM)	C&I APM (D-APM)	Primary Substation (PDS)	Outdoor Lighting
1	Non-Coincidental Class Demand (Average Monthly)									
2	Total System Sales (MWH)	1,284,598	669,719	119,526	138,492	61,921	29,162	18,667	241,549	5,562
3	Line Losses	7.70%	7.70%	7.70%	7.70%	7.70%	7.70%	3.08%	1.00%	7.70%
4	kWh Purchased	1,373,089	725,589	129,497	150,045	67,087	31,595	19,260	243,989	6,026
5	Divide by Hours	8,760	8,760	8,760	8,760	8,760	8,760	8,760	8,760	8,760
6	Average Demand (@ 100% LF)	156,745.3	82,829.8	14,782.7	17,128.5	7,658.3	3,606.8	2,198.7	27,852.6	687.9
8	Average Customers	126,470	71,828	37,407	8,972	236	66	15	23	7,923
9										
10	Calculated Maximum Demand ¹	285,865	165,138.0	33,338.4	32,250.6	10,754.7	5,171.2	3,799.1	33,564.7	1,848.2
11										
12	Substitutions									
13	Bary Curve Estimates (Maximum Annual or Seasonal) ²									
14	Lighting Estimates		-	-	34,147.2	14,958.2	5,242.8	3,869.3	36,396.8	-
15	Other Substitutions ³		168,418.5	30,057.9	-	-	-	-	-	1,404.8
16										
17	Calculated Class Demand ⁴	294,495.4	168,418.5	30,057.9	34,147.2	14,958.2	5,242.8	3,869.3	36,396.8	1,404.8
	Class Load Factor		49.2%	49.2%	50.2%	51.2%	68.8%	56.8%	76.5%	49.0%
	Average Residential		49.2%	49.2%						

The class diversified demand is calculated based on the formulas contained in RUS Demand Tables (Bulletin 45-2). The formula is as follows

$$\text{Class Diversified Demand} = L8 * (1 - 0.4 * L8 + 0.4 * (1.82 + 40) * 0.5) * (0.005923 * (L4 / (L8 * 12)) * 0.885)$$

² See "Annual Bary Curve Estimates"

³ Outdoor Lighting demand is calculated based on .1 times the size of lights (plus adjustment for ballasts) times the number of accounts.

⁴ Calculated Class Demand equals the demand as shown on Line 15 if any otherwise the maximum of Lines 11 and 14.

**Estimate of Class Demands
For the Test Year Ended December 31, 2005**

Line No.	Description	Total System	Residential (A)	Seasonal Residential (S)	General Service (GS)	Large Power (LP)	C&I APM (C-APM)	C&I APM (D-APM)	Primary Substation (PSDS)	Outdoor Lighting
1	Annual Bary Curve Estimates									
2	kWh Sales (MWh)	1,284,598	669,719	119,526	138,492	61,921	29,162	18,667	241,549	5,562
3	Sum of Monthly Non-Coincidental Demands from Billing Records	1,284,948	-	-	450,255.0	197,235.0	69,130.0	53,573.0	514,755.0	-
4	Load Factor (730 hours per month)				42.1%	43.0%	57.8%	47.7%	55.4%	
5	Coincidence Factor (From Bary Curve)									
6	Losses		7.70%	7.70%	84%	84%	84%	84%	84%	
7	Billing Months per Year		12	12	12	12	12	12	12	
8	Estimated Non-Coincidental Average Monthly Demand									
9			-	-	34,147.2	14,938.2	5,242.8	3,869.3	36,396.8	-
10										
11										
12										
13										

There are no seasonal large power rate classes.

**Estimate of Class Demands
For the Test Year Ended December 31, 2005**

Line No.	Description	Total System	Residential (Δ)	Seasonal Residential (S)	General Service (GS)	Large Power (LP)	C&I APM (C-APM)	C&I APM (D-APM)	Primary Substation (PDS)	Outdoor Lighting
1	Sum of Individual Consumer's Non-Coincidental Demands (Annual Peak)									
2	Class Peak Month Sales Data									
3	Class Peak Month									
4	kWh Sales (kWh)									
5	Consumers									
6	Days in Month									
7	Hours									
8	Estimated Load Factor (Annual Peak)									
9	Sum of Individual Consumer's Non-Coincidental Demands ¹	1,070,075.0	567,595.1	233,235.6	117,016.9	34,038.7	15,699.2	9,094.2	52,673.4	6,780.6
10	Sum of Class Demands at Time of System Peak (Annual Peak)									
11	System Peak Month Sales Data									
12	System Peak Month									
13	kWh Sales (kWh)									
14	Consumers									
15	Days in Month									
16	Hours									
17	Estimated Load Factor (Annual Peak) ¹									
18	Sum of Class Demands at Time of System Peak (Annual Peak)									
19	Peak									

¹ The class diversified demand is calculated based on the formulas contained in RUS Demand Tables (Bulletin 45-2). The formula is as follows

Class Diversified Demand = $L_8 * (1 - 0.4 * L_8 + 0.4 * (L_8 + 40) * 0.5) * (0.005925 * (1.4 / (L_8 * 12)) * 0.885)$
The estimated load factor (annual peak) is based on data developed by PSE.

**Estimate of Class Demands
For the Test Year Ended December 31, 2005**

Line No.	Description	Total System	Residential (A)	Seasonal Residential (S)	General Service (GS)	Large Power (LP)	C&I APM (C-APM)	C&I APM (D-APM)	Primary Substation (PSS)	Outdoor Lighting
1	Assignment of Class Coincident Demand									
2	Average Monthly System Coincident Demand (Per Power Bills) ¹	207,408.1								
3										
4	Coincidence Factors from Other Sources ¹									
5	Class Non-Coincident Demand (System Peak) ²	41,670.9	-	-	-	-	-	75.00%	70.00%	100.00%
6	Class Coincident Demand	29,784.5	-	-	-	-	-	3,869.3	36,396.8	1,404.8
7								2,902.0	25,477.8	1,404.8
8	Remaining Coincident Demand	177,623.6								
9										
10	Remaining Non-Coincident Demand	252,824.6	168,418.5	30,057.9	34,147.2	14,958.2	5,242.8	-	-	-
11										
12	Coincidence Factor for Remaining Classes ³	70%	70%	70%	70%	70%	70%			
13										
14	Coincident Demand for Remaining Classes	177,623.6	118,323.5	21,117.3	23,990.3	10,509.0	3,683.4	-	-	-
15										
16	Total Class Coincident Demand	207,408.1	118,323.5	21,117.3	23,990.3	10,509.0	3,683.4	2,902.0	25,477.8	1,404.8

¹ Outdoor Lighting (OL) is assumed be on 6 month per year during the system coincident peak.

² See "Sum of Class Demands at Time of System Peak (Annual Peak)".

APPENDIX – OVERVIEW OF COST OF SERVICE METHODOLOGY

1 GENERAL

A class cost of service (COS) analysis is prepared to provide information for use in designing the proposed rates. The basic objective of this analysis is to identify the cost of providing service to each rate class as a function of load and service characteristics. The methodology employed is often referred to as the "fully allocated average embedded" cost of service approach meaning that 1) costs are allocated on an average system-wide basis, and 2) embedded or accounting costs as recorded on the Cooperative's books are used in the analysis. This is generally the most appropriate technique to use in allocating cost responsibility to the various classes and developing rate design data for a rural electric system.

2 LIMITATIONS AND USES

It is vital at the outset of this section to recognize some of the inherent limitations of such a study. First, it must be emphasized that a COS analysis, while an engineering evaluation, is an art, not an exact science. Rate analysts advocate many different methodologies, techniques and assumptions. Because the various philosophies and assumptions can significantly affect the result of the analysis, one should treat the results as providing an indication of the general range of class cost responsibility, and not as precise values.

Second, a COS analysis is, of necessity, directed at determining the cost imposed by a rate class on the system rather than at determining the cost imposed by individual customers within each classification. The cost responsibility of a specific, individual consumer may or may not be entirely consistent with the cost allocations made to his assigned consumer classification. In particular, the study does not address the problem of maintaining relatively smooth transitions between the various rate classes or subclasses of customers, which may be eligible to receive service under more than one rate schedule.

Third, accurate demand characteristics and load factor data for individual customer classes are often unavailable. Therefore, it is often necessary to base capacity allocations on estimates or "typical" data. These assumptions or estimates can have a significant effect on the results.

Fourth, a COS analysis does not address itself to many of the other legitimate objectives of rate design, such as customer acceptance or the avoidance of excessively abrupt changes from the historical rate policies of the utility. In addition, it does not recognize the need to keep each rate schedule competitive, in as much as possible, with the corresponding rate schedule of neighboring utilities or the need to keep the rate structure simple so that it is administrable and customers can understand it.

With the above limitations in mind, a COS study can provide a useful guideline for assigning cost responsibility (i.e., revenue requirements) to each of the customer classifications in a manner which avoids unjustifiable price discrimination. The study also provides information useful in designing the individual rate schedules and provides support for justifying rate differentials to retail customers.

3 PROCEDURE

The basic procedure used to determine the cost responsibility of each consumer classification is as follows:

Step 1 - Classify the plant account records into basic cost causative categories.

APPENDIX – OVERVIEW OF COST OF SERVICE METHODOLOGY

Step 2 - Classify the Test Year expenses and margin requirements into the same cost causative categories.

Step 3 - Develop allocation factors for each rate class.

Step 4 - Allocate costs to the various rate classes using the allocation factors developed for each rate class in each cost causative category.

4 COST CAUSATIVE CATEGORIES

The Cost of Service Study classifies plant investments, test year expenses, and margin requirements into the following cost causative categories:

1. Direct - Costs which are directly attributable to one specific customer classification. Expense associated with security lighting is an example of a Direct Expense.
2. Consumer - Costs which are the result of the number and location of each customer and which do not vary significantly with the demand imposed on the system or the amount of energy consumed. Metering and customer accounting expenses perhaps best illustrate this type of expense.
3. Capacity - Costs which result from providing and maintaining in readiness for operation facilities required to meet the peak demand whether it be the system peak, circuit peak, or individual customer service peak. Much of the expense of operating and maintaining a three phase backbone feeder would generally fall within this category as would the demand charge in the purchased power rate.
4. Energy - Costs which relate to the amount of energy used. The major item in this category is the energy charge in the purchased power rate. It is customary to assign a portion of other general costs to this category as well.

The study further subdivides each of these general cost causative categories as follows:

<u>Direct</u>	<u>Consumer</u>	<u>Capacity</u>	<u>Energy</u>
As Assigned		Power Supply Distribution Substation	Power Supply
	Primary Line	Primary Line	
	Line Transformer	Line Transformer	
	Secondary & Service		
	Meter		
	Customer Accounting		

5 ELECTRIC PLANT CLASSIFICATION

The methodology used in assigning the plant accounts to the cost causative categories is discussed as follows:

1. Intangible Plant (Acct. 301 to 303) - The Intangible Plant accounts were prorated to the cost categories in the same relationship as the distribution plant allocations.

APPENDIX – OVERVIEW OF COST OF SERVICE METHODOLOGY

2. Land, Structures, Station and Battery (Accts. 360 and 363) - The Land and Land Rights, Structures and Improvements, Station Equipment, and Battery accounts are capacity related since capacity considerations dictate the facilities represented by the investment.
3. Primary Line and Devices (Accts. 364, 365, 366, 367) - The "Zero Intercept Method" is the basis for assignment of the Primary Line and Device accounts to the consumer component. The remaining amount relates to the capacity component. The theory that it is possible to develop a theoretical minimum cost required to provide an electrical path from the power supply sources to each existing consumer that is independent of either energy usage or capacity requirements is the foundation of the Zero Intercept Method. Accordingly, the cost of service study classifies this theoretical minimum cost system that has "zero capacity" as a consumer related cost. By subtracting this consumer related cost from the total replacement cost of the primary distribution system, based on actual conductor sizes and phasing, the consumer and capacity component allocation factors can be developed.
4. Line Transformers (Acct. 368) - Functionalization of the Line Transformer account was approached in similar fashion using the "Zero Intercept Method". Again, it was reasoned that there exists a certain minimum transformer investment required to provide basic service to each consumer independent of energy usage or capacity requirements. This cost is assigned to the consumer component, while the remaining investment is considered capacity related.
5. Services and Meters (Accts. 369 and 370) - Because the investment in Services and Meters is independent of usage level, it was assigned entirely to the customer component.
6. Consumer Premise (Acct. 371) - The study assigns the investment in installations on Consumer's Premises directly relates to the Security Lighting Class. The remainder relates to Primary Line.
7. Leased Property (Acct. 372) - This investment includes lighting facilities and relates directly to the lighting classes.
8. Street Lighting (Acct. 373) - Investment in Street Lighting facilities relates directly to the lighting classes.
9. General Plant Accounts (Accts. 389 to 399) - The study assigns the General Plant accounts to the cost causative categories in the same relationship as the total distribution plant allocations. Because the assignment of the general plant investment has minimal effect on the classification of Test Year expenses, which ultimately is the basis for determining class cost of service responsibility, it does not warrant a more detailed analysis.

6 REVENUE REQUIREMENTS CLASSIFICATION

The Pro Forma Operating Statement for the Test Year forms the basis for the cost of service analysis. It uses actual expenses by account for the historical 12-month period to establish the pattern of the Test Year cost breakdown to the various accounts. The study adjusts total test year revenue requirements to exclude costs associated with certain rate classes, as these classes for various reasons are better addressed on a case-by-case basis.

The following discussion summarizes methodology used for classification of Revenue Requirements and rationale for that methodology:

APPENDIX – OVERVIEW OF COST OF SERVICE METHODOLOGY

1. Purchased Power (Acct. 555) – The assignment of the demand and energy charge portions of the cost of purchased power is to the capacity and energy components, respectively.
2. Distribution Operation and Maintenance (Accts. 580 - 598) - Distribution expense accounts which are related to specific plant accounts (Accts. 582, 583, 584, 585, 586, 591, 592, 593, 594, 595, 596, and 597) were functionalized in proportion to the corresponding plant accounts. These expenses result from operating and maintaining the distribution plant and, thus, may be considered plant related. The study prorates remaining distribution expense accounts (Accts. 580, 581, 587, 588, 589, 590, and 598) based on the sum of the previously assigned distribution expense accounts. These accounts represent overhead or general distribution expenses.
3. Consumer Accounting (Accts. 901 - 905) - Consumer Accounting expenses were assigned in total to the consumer component since this expense is independent of energy usage or capacity requirements. Instead, these accounts relate to the number of consumers.
4. Consumer Service and Information and Sales (Accts. 907 - 916) - Consumer Service and Information and Sales expenses are also considered as consumer related expenses.
5. Administrative and General (Accts. 920 - 932) - Administrative and General (A&G) expenses are common costs for which there exists no obvious relationship to the functional categories. Thus, it is common practice in studies for distribution utilities to assign these expenses in proportion to the total of all other expenses.^{1/}
6. Depreciation and Amortization (Accts. 403 - 407) - Depreciation and amortization expense was allocated in proportion to the total plant account assignments.
7. Property Taxes (Acct. 408) – The assignment of property taxes is in proportion to the total plant account assignments.
8. Other Taxes, Other Interest, and Other Deductions - Other taxes, other interest, and other deductions were assigned in a manner similar to the A&G Accounts.
9. Net Operating Income (Margin Requirements) - Two approaches exist for assigning Margin Requirements to the cost causative categories. First, since margin is comprised of interest expense and return on equity, both related to plant investment, it is reasonable to classify this cost in proportion to the plant assignments. This approach most nearly parallels the method used to determine target margin requirements (i.e., rate base - rate of return method). On the other hand, since actual margins will ultimately be allocated to the account of each member-consumer on the basis of revenue, a classification method that tracks the way margins are returned to the member-owners of the utility also has its appeal. In a cost of service study, assuming that rates reflect the cost of providing service, functionalizing margin requirements on the basis of total expense most nearly approximates the way in which actual margin will be allocated to the account of each member-consumer. In this study, we have used the first approach.

^{1/} COS studies for vertically integrated utilities often allocate A&G expense based on a payroll or labor allocation. However, as distribution utilities typically have little or no labor assigned to the production and/or transmission functions, the use of a labor allocation would tend to distort the allocation of these expenses.

APPENDIX – OVERVIEW OF COST OF SERVICE METHODOLOGY

7 ALLOCATION OF COSTS TO GENERAL RATE CLASSES

The following discussion summarizes the allocation factors that reflect certain cost causative drivers and the allocation of costs to the rate classes:

1. Direct Cost Allocation

The assignment of Costs specifically associated with street or security lighting facilities (investment and O&M) is directly to the Lighting Classes.

2. Consumer Costs Allocations

The basis for allocation of consumer related costs to the various classes are the total number of consumers in each class. The study adjusts the general allocation procedure to reflect differences in the cost of providing basic service. Weighting factors were developed to recognize the higher cost of primary service and three-phase service versus standard single-phase service for each subcategory of consumer related cost. The study uses a "weighting factor" of 0.02 to allocate the consumer expense that relates to providing basic service to an individual outdoor light. Because these lights make use of facilities and services which have been primarily provided for under other rate schedules, it is arguable that it costs no more to prepare a bill for a consumer with a security light than for one without. However, it seems only fair that the lighting classes should be required to pay at least a token portion of the consumer related expense, hence the 0.02 weighting factor.

3. Capacity Cost Allocations

The study uses three different allocation factors for the capacity component.

- a) The study allocates line transformer capacity related costs in accordance with the estimated average monthly-undiversified non-coincidental peak demand of each consumer in each class as this definition of demand most closely approximates transformer capacity requirements.
- b) The allocation of capacity allocated primary line costs is the Average and Excess Demand Method based on the average monthly class coincidental demand (not necessarily coincidental with the system) for each class. Distribution system capacity related costs are a function not only of the system peak, but also the individual circuit and even consumer peak demand. The Average and Excess Demand Method gives recognition to the average demand imposed on the system by each class as well as the average monthly peak demand of the class (non-coincidental) and prevents any class from getting a "free ride" from a capacity standpoint.
- c) The allocation of purchased power demand charges and distribution substation capacity costs are in accordance with the monthly coincidental class demands.

4. Energy Cost Allocations

The basis for allocation of energy related costs is the total energy (kWh) sales in each rate class.

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

First Revised Sheet No. 10.00
Cancels Original Sheet No. 10.00

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	@	\$0.09435 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:
By: Steven L. Boeckman
President and Chief Executive Officer

Effective for service **rendered** on and after

Issued under the authority of the M.P.S.C.
dated _____ in Case No. **U-14790**

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

Original Sheet No. 10.01

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.

Issued:
By: Steven L. Boeckman
President and Chief Executive Officer

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

First Revised Sheet No. 11.00
Cancels Original Sheet No. 11.00

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	@	\$0.1234 per kWh

Monthly Rate - For member-consumers with automatic meter reading

Monthly Availability Charge	@	\$12.00
Energy Charge	@	\$0.1234 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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By: Steven L. Boeckman
President and Chief Executive Officer

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

First Revised Sheet 11.01
Cancels Original Sheet No. 11.01

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

First Revised Sheet No. 12.01
Cancels Original Sheet No. 12.01

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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President and Chief Executive Officer

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

First Revised Sheet No. 12.01
Cancels Original Sheet No. 12.01

CONTROLLED HEATING
(Schedule CH)

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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By: Steven L. Boeckman
President and Chief Executive Officer

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

First Revised Sheet No. 13.00
Cancels Original Sheet No. 13.00

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¢ 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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President and Chief Executive Officer

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

First Revised Sheet No. 13.01
Cancels Original Sheet No. 13.01

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

First Revised Sheet No. 14.00
Cancels Original Sheet No. 14.00

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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President and Chief Executive Officer

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

First Revised Sheet No. 14.01
Cancels Original Sheet No. 14.01

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

First Revised Sheet No. 15.00
Cancels Original Sheet No. 15.00

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*	\$10.30
250 Watts MV*	\$13.20
400 Watts MV*	\$18.50
100 Watts HPS	\$7.90
150 Watts HPS	\$9.70
250 Watts HPS	\$13.20
400 Watts HPS	\$18.50

*Mercury Vapor Lights are only available at existing installations.

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

Original Sheet No. 15.01

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

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:

	<u>kWh</u>
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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M.P.S.C. No. 1 - Electric
Great Lakes Energy Cooperative

First Revised Sheet No. 15.02
Cancels Original Sheet No. 15.02

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.

Issued:
By: Steven L. Boeckman
President and Chief Executive Officer

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

First Revised Sheet No. 16.00
Cancels Original Sheet No. 16.00

**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 member-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 member-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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By: Steven L. Boeckman
President and Chief Executive Officer

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dated in Case No. **U-14790**

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

First Revised Sheet No. 17.00
Cancels Original Sheet No. 17.00

**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

Distribution Demand Charge:
Maximum: **\$1.39/kW for all kW plus**

Distribution Variable Charge: \$0.01570/kWh for all kWh plus

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By: Steven L. Boeckman
President and Chief Executive Officer

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Issued under the authority of the M.P.S.C.
dated in Case No. **U-14790**

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

First Revised Sheet No. 17.01
Cancels Original Sheet No. 17.01

**LARGE POWER SERVICE
(Schedule LP)**

PSDF Charge: \$0.005385/kWh

Power Supply Service (not applicable to Retail Access Service)

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

Energy Charge: \$0.043915/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:
By: Steven L. Boeckman
President and Chief Executive Officer

Effective for service **rendered** on and after

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dated in Case No. **U-14790**

**M.P.S.C. No. 1 - Electric
Great Lakes Energy Cooperative**

Original Sheet No. 17.02

**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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By: Steven L. Boeckman
President and Chief Executive Officer

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**M.P.S.C. No. 1 - Electric
Great Lakes Energy Cooperative**

Original Sheet No. 17.03

**LARGE POWER SERVICE
(Schedule LP)**

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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By: Steven L. Boeckman
President and Chief Executive Officer

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

First Revised Sheet No. 18.00
Cancels Original Sheet No. 18.00

C - APM

**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.

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By: Steven L. Boeckman
President and Chief Executive Officer

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

First Revised Sheet No. 18.01
Cancels Original Sheet No. 18.01

C - APM

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

Monthly Rate

Distribution Service

Monthly Charge:	\$80
Distribution Demand Charge:	
Maximum:	\$6.04/kW for all kW plus
Distribution Variable Charge:	\$0.0007/kWh for all kWh plus
PSDF Charge:	\$0.005385/kWh

Power Supply Service (not applicable to Retail Access Service)

Demand Charge:	\$5.61/kW for all kW plus
Energy Charge:	\$0.043915/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.

Issued:
By: Steven L. Boeckman
President and Chief Executive Officer

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Great Lakes Energy Cooperative

First Revised Sheet No. 18.02
Cancels Original Sheet No. 18.02

C - APM

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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By: Steven L. Boeckman
President and Chief Executive Officer

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**M.P.S.C. No. 1 – Electric
Great Lakes Energy Cooperative**

Original Sheet No. 18.03

C - APM

**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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By: Steven L. Boeckman
President and Chief Executive Officer

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

First Revised Sheet No. 19.00
Cancels Original Sheet No. 19.00

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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By: Steven L. Boeckman
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M.P.S.C. No. 1 – Electric
Great Lakes Energy Cooperative

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:	\$0.0008/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:	\$0.042050/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 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 based on the member'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.

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By: Steven L. Boeckman
President and Chief Executive Officer

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

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:
By: Steven L. Boeckman
President and Chief Executive Officer

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**M.P.S.C. No. 1 – Electric
Great Lakes Energy Cooperative**

Original Sheet No. 19.03

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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By: Steven L. Boeckman
President and Chief Executive Officer

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

First Revised Sheet No. 20.00
Cancels Original Sheet No. 20.00

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

Demand Charge	\$9.50/kW
Energy Charge:	3.85¢/kWh
Reactive Charge:	\$0.2975/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.

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.

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By: Steven L. Boeckman
President and Chief Executive Officer

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

First Revised Sheet No. 20.01
Cancels Original Sheet No. 20.01

F-INT-APM

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

Billing Demand

The Billing 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.

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.

Issued:
By: Steven L. Boeckman
President and Chief Executive Officer

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

First Revised Sheet No. 20.02
Cancels Original Sheet No. 20.02

F-INT-APM

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

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.

Issued:
By: Steven L. Boeckman
President and Chief Executive Officer

Effective for service **rendered** on and after

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Great Lakes Energy Cooperative

First Revised Sheet No. 21.00
Cancels Original Sheet No. 21.00

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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By: Steven L. Boeckman
President and Chief Executive Officer

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Great Lakes Energy Cooperative

First Revised Sheet No. 21.02
Cancels Original Sheet No. 21.02

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.

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By: Steven L. Boeckman
President and Chief Executive Officer

Effective for service **rendered** on and after

Issued under the authority of the M.P.S.C.
dated in Case No. **U-14790**

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

First Revised Sheet No. 22.02
Cancels Original Sheet No. 22.02

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

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.

Monthly Rate

Distribution Service

Monthly Charge: **\$390**

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By: Steven L. Boeckman
President and Chief Executive Officer

Effective for service **rendered** on and after

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

First Revised Sheet No. 22.02
Cancels Original Sheet No. 22.02

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

Distribution Demand Charge:
Maximum: **\$1.43/kW for all kW plus**

PSDF Charge: \$0.0050/kWh

Power Supply Service (not applicable to Retail Access Service)

Demand Charge:
System Coincident **\$7.16/kW for all kW**

Energy Charge: \$0.03925/kWh for all kWh

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 15-minute 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 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

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

First Revised Sheet No. 22.02
Cancels Original Sheet No. 22.02

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

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.

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.

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By: Steven L. Boeckman
President and Chief Executive Officer

Effective for service **rendered** on and after

Issued under the authority of the M.P.S.C.
dated in Case No. **U-14790**

**M.P.S.C. No. 1 – Electric
Great Lakes Energy Cooperative**

Original Sheet No. 22.03

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

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.

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By: Steven L. Boeckman
President and Chief Executive Officer

Effective for service **rendered** on and after

Issued under the authority of the M.P.S.C.
dated in Case No. **U-14790**

Statement of Operations
Proposed Rates
For the Test Year Ended December 31, 2005

(a) Line No.	(b) Description	(c) Actual Test Year	(d) Adjustments	(e) Pro Forma Test Year
1	<u>Operating Revenue</u>			
2	Sales of Electricity	\$ 121,928,361	\$ 11,025,573	\$ 132,953,934 ¹
3	Other	1,523,820	(167,391)	1,356,429
4	Total Operating Revenue	<u>\$ 123,452,181</u>	<u>\$ 10,858,182</u>	<u>\$ 134,310,363</u>
5	<u>Operating Expenses</u>			
6	Power Production	\$ 83,003	\$ (83,003)	\$ -
7	Cost of Purchased Power	80,623,482	5,786,450	86,409,932
8	Transmission - O & M	-	-	-
9	Distribution - Operation	6,402,915	-	6,402,915
10	Distribution - Maintenance	8,224,268	3,508,893	11,733,161
11	Consumer Accounts	3,663,824	-	3,663,824
12	Consumer Service & Information	624,855	-	624,855
13	Sales	152,275	-	152,275
14	Administrative & General	7,067,527	-	7,067,527
15	Depreciation & Amortization	8,007,720	(84,388)	7,923,332
16	Taxes - Property	-	-	-
17	Taxes - Other	312,600	-	312,600
18	Interest on Long Term Debt	6,235,903	-	6,235,903
19	Other Interest Expense	124,413	-	124,413
20	Other Deductions	86,827	-	86,827
21	Total Operating Expenses	<u>\$ 121,609,612</u>	<u>\$ 9,127,953</u>	<u>\$ 130,737,565</u>
22	Net Operating Margins	<u>\$ 1,842,569</u>	<u>\$ 1,730,229</u>	<u>\$ 3,572,798</u>
23	<u>Non-Operating Margins</u>			
24	Non-Operating Margins (Interest Income)	\$ 496,655	\$ -	\$ 496,655
26	Income (Loss) Equity Inv	(201,217)	\$ (134,979)	\$ -
27	Non-Operating Margins (Other)	9,639,541	\$ -	\$ (201,217)
25	Generation and Transmission Capital Credits	134,979	\$ (9,639,541)	\$ -
28	Other Capital Credits & Patronage Dividends	176,968	\$ (88,980)	\$ 87,988
29	Total Non-Operating Margins	<u>\$ 10,246,926</u>	<u>\$ (9,863,500)</u>	<u>\$ 383,426</u>
30	Total Patronage Capital & Margins	<u><u>\$ 12,089,495</u></u>	<u><u>\$ (8,133,271)</u></u>	<u><u>\$ 3,956,224</u></u>

1 See Exhibit JCL-6, Schedule A, for an estimate of the Pro Forma Test Year revenue under proposed rates.

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Proposed Rates

I. Consumer and Sales Data for Pro Forma Test Year

(a)	(b)	(c)	(d)	(e)	(f)
Line No.	Description	Avg. No. Cons.	Energy Sales¹	Demand	Revenue
			(kWh)	(kW)	(\$)
1	Residential Service (A)	71,829	669,719,065	N.A.	73,531,370
2	Alternative Residential Service(A-S)	37,407	119,525,584	N.A.	20,136,065
3	General Service (GS)	8,972	138,491,931	N.A.	15,605,177
4	Large Power Service (LP)	236	61,921,053	197,235.0	5,622,461
5	Commercial & Industrial Automated Power Monitoring (C-APM)	66	29,162,339	69,130.0	2,323,410
6	Commercial & Industrial Automated Power Monitoring (D-APM)	15	18,667,180	53,572.0	1,398,579
7	Commercial & Industrial Automated Power Monitoring (F-INT-APM)	-	-	-	-
8	Primary Service (PSDS)	23	241,548,793	515,926.3	14,107,957
9	Contract Rates	-	-	-	-
10	Outdoor Lighting Service (OL)	7,923	5,557,125	N.A.	877,104
11	Sub-Total (Total Avg. No. Cons. Excludes Outdoor Lighting)	<u>118,548</u>	<u>1,284,593,070</u>	<u>835,863</u>	<u>133,602,125</u>
12	Supplemental Schedules and Charges				
13	Controlled Heating Service (CH)	-	11,965,063	N.A.	(358,952)
14	Partial Controlled Heating Service (PCH)	-	1,361,168	N.A.	(20,418)
15	Controlled Water Heating Service (CWH)	5,823	-	N.A.	(387,945)
16	St. James and Peaine Township Monthly Charge (Various)	1,026	-	-	126,219
17	Member Owned Backup Generation (CBG)	-	-	(2,838.0)	(7,095)
18	Total	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>132,953,934</u>

¹ See Exhibit JCL-3, page 5.

² See Pages 3-5.

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Proposed Rates

II. Estimate of Revenue Under Proposed Rates

<u>II.</u>	(b)	(c)	(d)	(e)	(f)
	Rate Class	Billing Determinants	Units	Rate	Revenue
<u>Residential Service (A)</u>					
	Availability Charge	71,829	cons	\$12.00	\$ 10,343,376
	Energy Charge	669,719,065	kWh	\$0.09435	63,187,994
	PSCR Charge	669,719,065	kWh	\$0.000000	-
					<u>\$ 73,531,370</u>
<u>Alternative Residential Service(A-S)</u>					
	Availability Charge				
	Monthly	945.0	cons	\$12.00	\$ 136,080
	Quarterly	36,462.0	cons	36.00	5,250,528
	Energy Charge	119,525,584	kWh	\$0.123400	14,749,457
	PSCR Charge	119,525,584	kWh	\$0.000000	-
					<u>\$ 20,136,065</u>
<u>General Service (GS)</u>					
	Availability Charge				
	Single Phase	7,422.0	cons	\$18.00	\$ 1,603,152
	Three Phase	1,550.0	cons	\$38.00	706,800
	Energy Charge	138,491,931.0	kWh	\$0.09600	13,295,225
	PSCR Charge	138,491,931.0	kWh	\$0.00000	-
					<u>\$ 15,605,177</u>
<u>Large Power Service (LP)</u>					
	Availability Charge	236	cons	\$80.00	\$ 226,560
	Demand Charge	197,235	kW	\$7.00	1,380,645
	Energy Charge	61,921,053	kWh	\$0.06500	4,024,868
	Reactive Charge		kvar	\$0.29750	-
	PSCR	61,921,053	kWh	\$0.00000	-
	Primary Metering Discount				(9,612)
					<u>\$ 5,622,461</u>
<u>Commercial & Industrial Automated Power Monitoring (C-APM)</u>					
	Availability Charge	66.0	cons	\$80.00	\$ 63,360
	Demand Charge	69,130.0	kW	\$11.65	805,365
	Energy Charge	29,162,339.0	kWh	\$0.05000	1,458,117
	Reactive Charge	-	kvar	\$0.2975	-
	PSCR	29,162,339.0	kWh	0.0000	-
	Primary Metering Discount				(3,431)
					<u>\$ 2,323,410</u>

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Proposed Rates

II. Estimate of Revenue Under Proposed Rates

<u>II.</u>	(b)	(c)	(d)	(e)	(f)
	Rate Class	Billing Determinants	Units	Rate	Revenue
<u>Commercial & Industrial Automated Power Monitoring (D-APM)</u>					
	Availability Charge	15.0	cons	\$390.00	\$ 70,200
	Demand Charge - NCP kW	53,572.0	kW	\$2.50	133,930
	Demand Charge - CP kW	39,007.0	kW	\$7.37	287,482
	Reactive Charge	42,498.0	kVAR	\$0.25750	10,943
	Energy Charge	18,667,180.0	kWh	\$0.04800	896,025
	PSCR	18,667,180.0	kWh	0.00000	-
					<u>\$ 1,398,579</u>

Commercial & Industrial Automated Power Monitoring (F-INT-APM)

	Availability Charge				
	Demand Charge - NCP kW	-	kW	\$9.50	\$ -
	Demand Charge - Max kW During Interruption	-	kW	\$55.00	-
	Reactive Charge	-	kVAR	\$0.29750	-
	Energy Charge	-	kWh	\$0.03850	-
	PSCR	-	kWh	\$0.00821	-
					<u>\$ -</u>

Primary Service (PSDS)

	Facility Charge	23	cons	\$390.00	\$ 107,640
	Demand Charge - NCP kW	515,926	kW	\$1.43	737,775
	Demand Charge - CP kW	351,019	kW	\$7.16	2,513,296
	Reactive Charge	242,849	kVAR	\$0.250	60,712
	Energy Charge	241,548,793	kWh	\$0.04425	10,688,534
	PSCR	241,548,793	kWh	\$0.000000	-
					<u>\$ 14,107,957</u>

Outdoor Lighting Service (OL)

<u>Distribution Service</u>					
Cooperative Owned					
	175 W MV	3,413	lights	\$10.30	\$ 421,847
	250 W MV	149	lights	\$13.20	23,602
	400 W MV	101	lights	\$18.50	22,422
	100 W HPS	4,121	lights	\$7.90	390,671
	250 W HPS	14	lights	\$13.20	2,218
	150 W HPS	108	lights	\$9.70	12,571
	400 W HPS	17	lights	\$18.50	3,774
	PSCR	5,557,125	kWh	\$0.000000	-
					<u>\$ 877,104</u>

Schedule A
Summary of Consumers, Energy Sales, and
Revenue Under Proposed Rates

II. Estimate of Revenue Under Proposed Rates

<u>II.</u>	(b)	(c)	(d)	(e)	(f)
	Rate Class	Billing Determinants	Units	Rate	Revenue
<u>Supplemental Schedules and Charges</u>					
<u>Controlled Heating Service (CH)</u>					
	Energy	11,965,063	kWh	(\$0.03)	\$ (358,952)
					<u>\$ (358,952)</u>
<u>Partial Controlled Heating Service (PCH)</u>					
	Energy	1,361,168	kWh	(\$0.01500)	\$ (20,418)
					<u>\$ (20,418)</u>
<u>Controlled Water Heating Service (CWH)</u>					
	Option #1	2,084.1	cons	(4.50)	\$ (112,541)
	Option #2	3,393.9	cons	(6.00)	(244,362)
	Option #3	344.9	cons	(7.50)	(31,043)
		<u>5,822.9</u>			<u>\$ (387,945)</u>
<u>St. James and Peaine Township Monthly Charge (Various)</u>					
	Beaver Island Supplemental Delivery Charge	502.2	cons	\$10.25	\$ 61,767
	Beaver Island Supplemental Delivery Charge/Quarterly	524.0	cons	\$30.75	64,452
		<u>1,026.2</u>			<u>\$ 126,219</u>
<u>Member Owned Backup Generation (CBG)</u>					
	Demand Credit	2,838.0	kW	(\$2.50)	\$ (7,095)
					<u>\$ (7,095)</u>
<u>Grand Total</u>					<u><u>\$ 132,953,934</u></u>

**Comparison of Present and Proposed Revenue
By Rate Class**

(a)	(b)	(c)	(d)	(e)	(f)
Line No.	Rate Class	Present Revenue	Proposed Rates		
			Proposed Revenue	Increase (Decrease)	
				Amount	%
		(\$)	(\$)	(\$)	(%)
1	Residential Service (A)	70,036,995	73,531,370	3,494,375	4.99
2	Alternative Residential Service(A-S)	17,614,838	20,136,065	2,521,227	14.31
3	General Service (GS)	15,603,058	15,605,177	2,119	0.01
4	Large Power Service (LP)	5,633,772	5,622,461	(11,310)	(0.20)
5	Commercial & Industrial Automated Power Monitoring (C-APM)	2,323,823	2,323,410	(412)	(0.02)
6	Commercial & Industrial Automated Power Monitoring (D-APM)	1,393,426	1,398,579	5,153	0.37
7	Commercial & Industrial Automated Power Monitoring (F-INT-APM)	-	-	-	-
8	Primary Service (PSDS)	14,104,214	14,107,957	3,743	0.03
9	Contract Rates	Reclassified to PSDS			
10	Outdoor Lighting Service (OL)	823,308	877,104	53,796	6.53
11	Sub-Total (Total Avg. No. Cons. Excludes Outdoor Lighting)	127,533,434	133,602,125	6,068,690	4.76
12	<u>Supplemental Schedules and Charges</u>				
13	Controlled Heating Service (CH)	(358,952)	(358,952)		
14	Partial Controlled Heating Service (PCH)	(20,418)	(20,418)		
15	Controlled Water Heating Service (CWH)	(387,945)	(387,945)		
16	St. James and Peaine Township Monthly Charge (Various)	126,219	126,219		
17	Member Owned Backup Generation (CBG)	(7,095)	(7,095)		
12	Total	126,885,244	132,953,934	6,068,690	4.78

Comparison of Present and Proposed Rate Schedules

Case No. U-14790-TIER
Exhibit A-20 (JCL-8)
Page 1 of 3

Description		Present Rates	Proposed Rates	Difference	Percent
<u>Residential Service (A)</u>					
Availability Charge	cons	\$10.00	\$12.00	\$2.00	20.0%
Energy Charge	kWh	\$0.083500	\$0.094350	\$0.010850	
PSCR Charge	kWh	\$0.008206	\$0.000000	-\$0.008206	
Total Energy Charge		\$0.091706	\$0.094350	\$0.002644	2.9%
<u>Alternative Residential Service(A-S)</u>					
Availability Charge					
Monthly	cons	\$12.00	\$12.00	\$0.00	0.0%
Quarterly	cons	\$36.00	\$36.00	\$0.00	0.0%
Energy Charge	kWh	\$0.09410	\$0.12340	\$0.029300	
PSCR Charge	kWh	\$0.008206	\$0.000000	-\$0.008206	
Total Energy Charge		\$0.102306	\$0.123400	\$0.021094	20.6%
<u>General Service (GS)</u>					
Availability Charge					
Single Phase	cons	\$15.00	\$18.00	\$3.00	20.0%
Three Phase	cons	\$32.10	\$38.00	\$5.90	18.4%
Energy Charge	kWh	\$0.090500	\$0.096000	\$0.005500	
PSCR Charge	kWh	\$0.008206	\$0.000000	-\$0.008206	
Total Energy Charge		\$0.098706	\$0.096000	-\$0.002706	-2.7%
<u>Large Power Service (LP)</u>					
<u>Distribution Service</u>					
Availability Charge	cons	\$80.00	\$80.00	\$0.00	0.0%
Demand Charge	kW	\$1.20	\$1.39	\$0.19	15.8%
Variable Distribution Charge	kWh	\$0.015000	\$0.015700	\$0.000700	4.7%
PSDF Charge	kWh	\$0.005000	\$0.005385	\$0.000385	7.7%
<u>Power Supply Service</u>					
Demand Charge	kW	\$5.51	\$5.61	\$0.10	1.8%
Reactive Charge	kvar	\$0.2975	\$0.2975	\$0.00	0.0%
Energy Charge	kWh	\$0.037900	\$0.043915	\$0.006015	
PSCR	kWh	\$0.008206	\$0.000000	-\$0.008206	
Total Energy Charge		\$0.046106	\$0.043915	-\$0.002191	-4.8%

Comparison of Present and Proposed Rate Schedules

Case No. U-14790-TIER

Exhibit A-20 (JCL-8)

Page 2 of 3

Description		Present Rates	Proposed Rates	Difference	Percent
<u>Commercial & Industrial Automated Power Monitoring (C-APM)</u>					
<i><u>Distribution Service</u></i>					
Availability Charge	cons	\$80.00	\$80.00	\$0.00	0.0%
Demand Charge	kW	\$3.58	\$6.04	\$2.46	68.7%
Variable Distribution Charge	kWh	\$0.005000	\$0.000700	-\$0.004300	-86.0%
PSDF Charge	kWh	\$0.005000	\$0.005385	\$0.000385	7.7%
<i><u>Power Supply Service</u></i>					
Demand Charge	kW	\$5.50	\$5.61	\$0.11	2.0%
Reactive Charge	kvar	\$0.2975	\$0.2975	\$0.00	0.0%
Energy Charge	kWh	\$0.037900	\$0.043915	\$0.006015	
PSCR	kWh	\$0.008206	\$0.000000	-\$0.008206	
Total Energy Charge		\$0.046106	\$0.043915	-\$0.002191	-4.8%
<u>Commercial & Industrial Automated Power Monitoring (D-APM)</u>					
<i><u>Distribution Service</u></i>					
Availability Charge	cons	\$240.00	\$390.00	\$150.00	62.5%
Demand Charge - NCP kW	kW	\$3.50	\$2.50	-\$1.00	-28.6%
Variable Distribution Charge	kWh	\$0.005210	\$0.000800	-\$0.004410	-84.6%
PSDF Charge	kWh	\$0.005000	\$0.005150	\$0.000150	3.0%
<i><u>Power Supply Service</u></i>					
Demand Charge - CP kW	kW	\$7.16	\$7.37	\$0.21	2.9%
Reactive Charge	kVAR	\$0.2500	\$0.2575	\$0.01	3.0%
Energy Charge	kWh	\$0.028340	\$0.042050	\$0.013710	
PSCR	kWh	\$0.008206	\$0.000000	-\$0.008206	
Total Energy Charge		\$0.036546	\$0.042050	\$0.005504	15.1%
<u>Commercial & Industrial Automated Power Monitoring (F-INT-APM)</u>					
Availability Charge	cons	\$0.00	\$80.00	\$80.00	N/A
Demand Charge - NCP kW	kW	\$9.50	\$6.00	-\$3.50	-36.8%
Demand Charge - CP kW	kW	\$0.00	\$7.24	\$7.24	N/A
Demand Charge - Max kW During Interruption	kW	\$55.00	\$55.00	\$0.00	0.0%
Reactive Charge	kVAR	\$0.2975	\$0.2575	-\$0.0400	-13.4%
Energy Charge	kWh	\$0.038500	\$0.049000	\$0.010500	
PSCR	kWh	\$0.008206	\$0.000000	-\$0.008206	
Total Energy Charge		\$0.046706	\$0.049000	\$0.002294	4.9%

Comparison of Present and Proposed Rate Schedules

Case No. U-14790-TIER

Exhibit A-20 (JCL-8)

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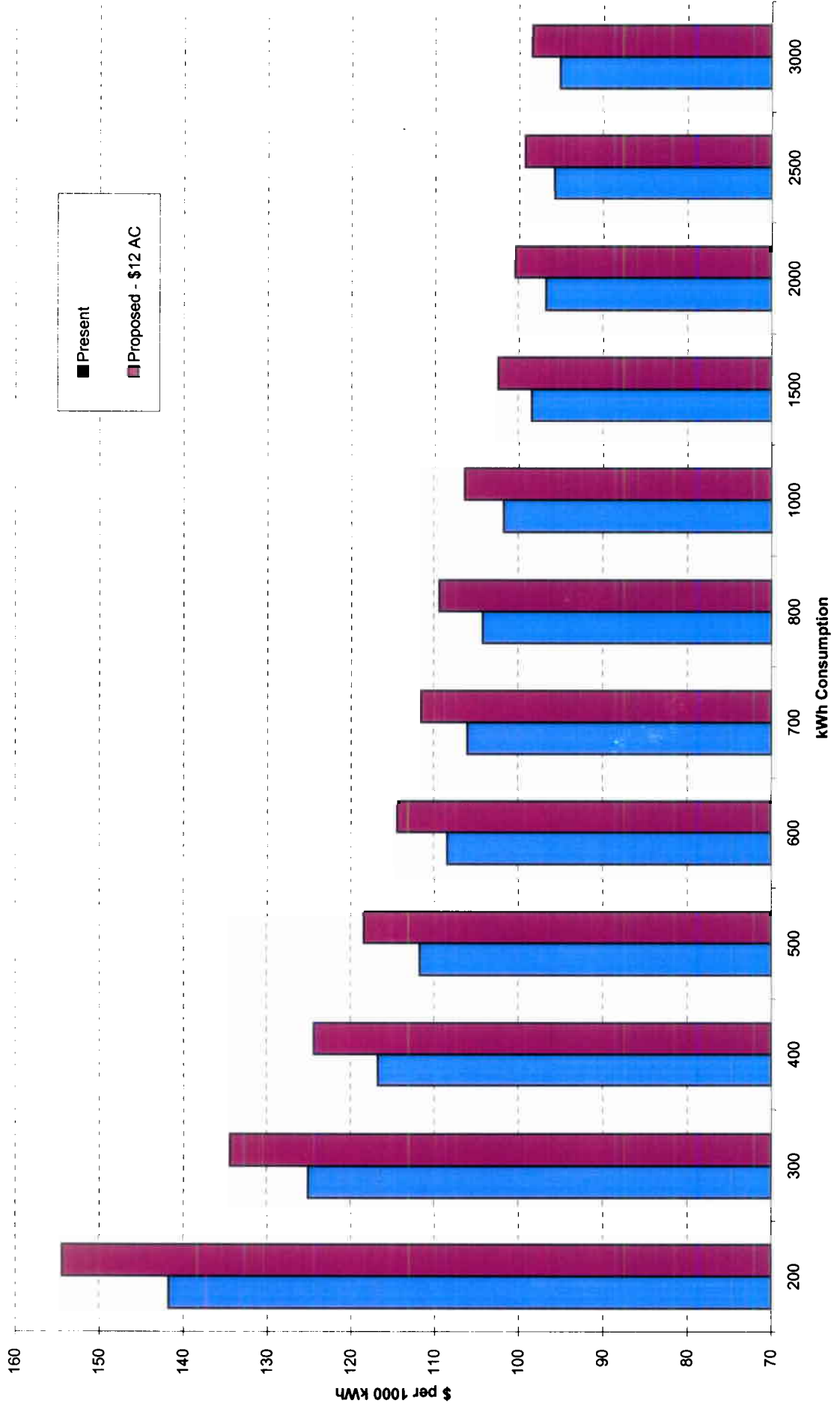
Description		Present Rates	Proposed Rates	Difference	Percent
<u>Primary Service (PSDS)</u>					
<i><u>Distribution Service</u></i>					
Facility Charge	cons	\$240.00	\$390.00	\$150.00	62.5%
Demand Charge - NCP kW	kW	\$1.50	\$1.43	-\$0.07	-4.7%
Variable Distribution Charge	kWh	\$0.002710	\$0.000000	-\$0.002710	-100.0%
PSDF Charge	kWh	\$0.005000	\$0.005000	\$0.000000	0.0%
<i><u>Power Supply Service</u></i>					
Demand Charge - CP kW	kW	\$7.16	\$7.16	\$0.00	0.0%
Reactive Charge	kVAR	\$0.2500	\$0.2500	\$0.00	0.0%
Energy Charge	kWh	\$0.028340	\$0.039250	\$0.010910	
PSCR	kWh	\$0.008206	\$0.000000	-\$0.008206	
Total Energy Charge		\$0.036546	\$0.039250	\$0.002704	7.4%
<u>Outdoor Lighting Service (OL)</u>					
<i><u>Distribution Service</u></i>					
Cooperative Owned					
175 W MV	lights	\$7.95	\$10.30	\$2.35	29.6%
250 W MV	lights	\$10.20	\$13.20	\$3.00	29.4%
400 W MV	lights	\$14.25	\$18.50	\$4.25	29.8%
100 W HPS	lights	\$8.00	\$7.90	-\$0.10	-1.3%
250 W HPS	lights	\$14.25	\$13.20	-\$1.05	-7.4%
150 W HPS	lights	\$11.35	\$9.70	-\$1.65	-14.5%
400 W HPS	lights	\$19.00	\$18.50	-\$0.50	-2.6%
PSCR	kWh	\$0.008206	\$0.000000		
<u>Controlled Heating Service (CH)</u>					
Energy	kWh	-\$0.030000	-\$0.030000	\$0.000000	0.0%
<u>Partial Controlled Heating Service (PCH)</u>					
Energy	kWh	-\$0.015000	-\$0.015000	\$0.000000	0.0%
<u>Controlled Water Heating Service (CWH)</u>					
Option #1	cons	-\$4.50	-\$4.50	\$0.00	0.0%
Option #2	cons	-\$6.00	-\$6.00	\$0.00	0.0%
Option #3	cons	-\$7.50	-\$7.50	\$0.00	0.0%
<u>St. James and Peaine Township Monthly Charge (Various)</u>					
Beaver Island Supplemental Delivery Charge	cons	\$10.25	\$10.25	\$0.00	0.0%
Beaver Island Supplemental Delivery Charge/Quarterly	cons	\$30.75	\$30.75	\$0.00	0.0%
<u>Member Owned Backup Generation (CBG)</u>					
Demand Credit	kW	-\$2.50	-\$2.50	\$0.00	0.0%

Great Lakes Energy

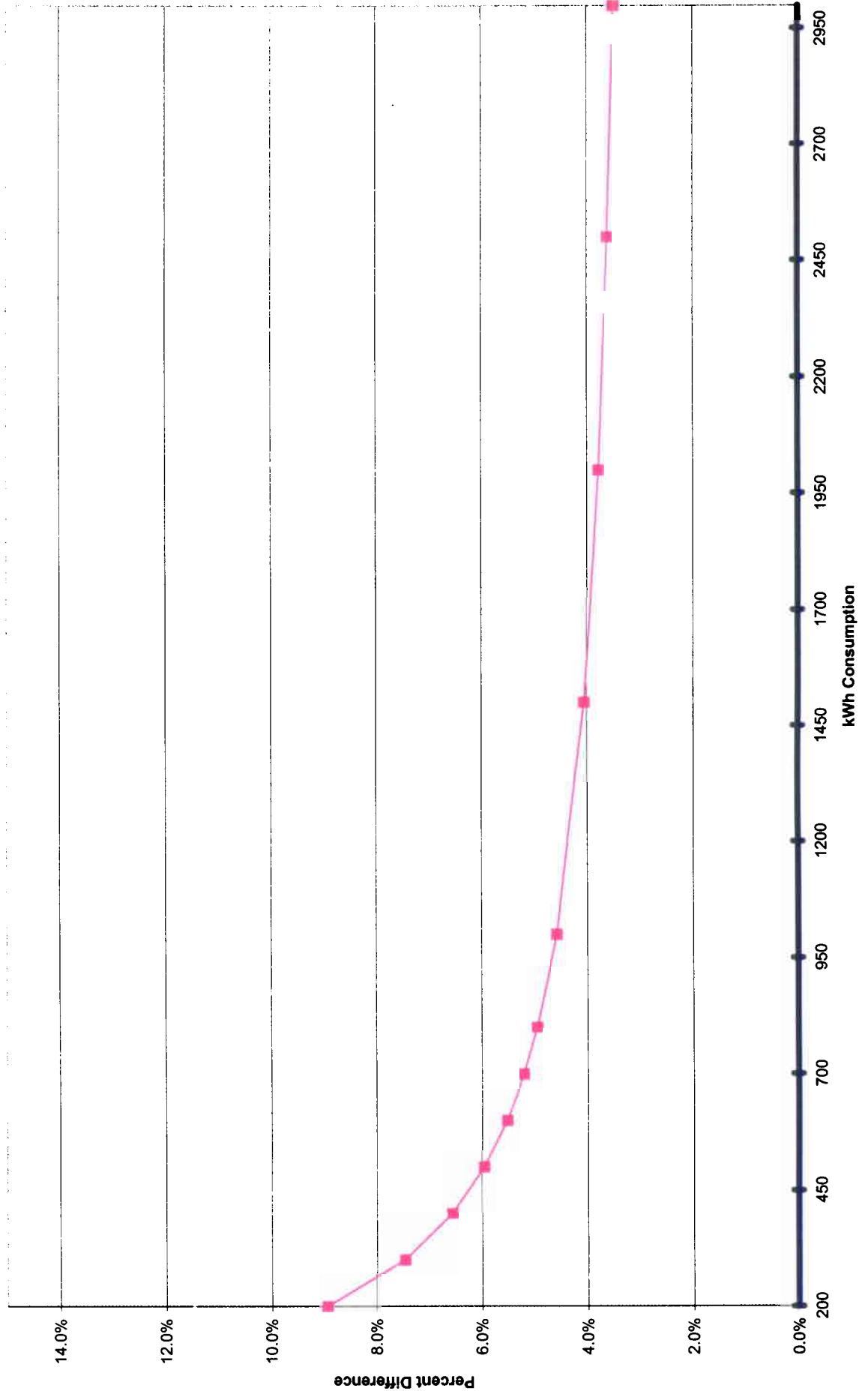
Residential Rate Comparison

	Usage Level											
	200	300	400	500	600	700	800	1000	1500	2000	2500	3000
Utility												
Total Charges												
Present	\$28.34	\$37.51	\$46.68	\$55.86	\$65.03	\$74.20	\$83.37	\$101.71	\$147.57	\$193.42	\$239.28	\$285.13
Proposed - \$12 AC	\$30.87	\$40.31	\$49.74	\$59.18	\$68.61	\$78.05	\$87.48	\$106.35	\$153.53	\$200.70	\$247.88	\$295.05
Mills Per kWh												
Present	141.71	125.04	116.71	111.71	108.38	106.00	104.21	101.71	98.38	96.71	95.71	95.04
Proposed - \$12 AC	154.35	134.35	124.35	118.35	114.35	111.49	109.35	106.35	102.35	100.35	99.15	98.35
Percent Difference from Present												
Proposed - \$12 AC	8.9%	7.4%	6.5%	5.9%	5.5%	5.2%	4.9%	4.6%	4.0%	3.8%	3.6%	3.5%

Average Price at Various Usages Residential



Percent Difference from Average of Present Rates Residential

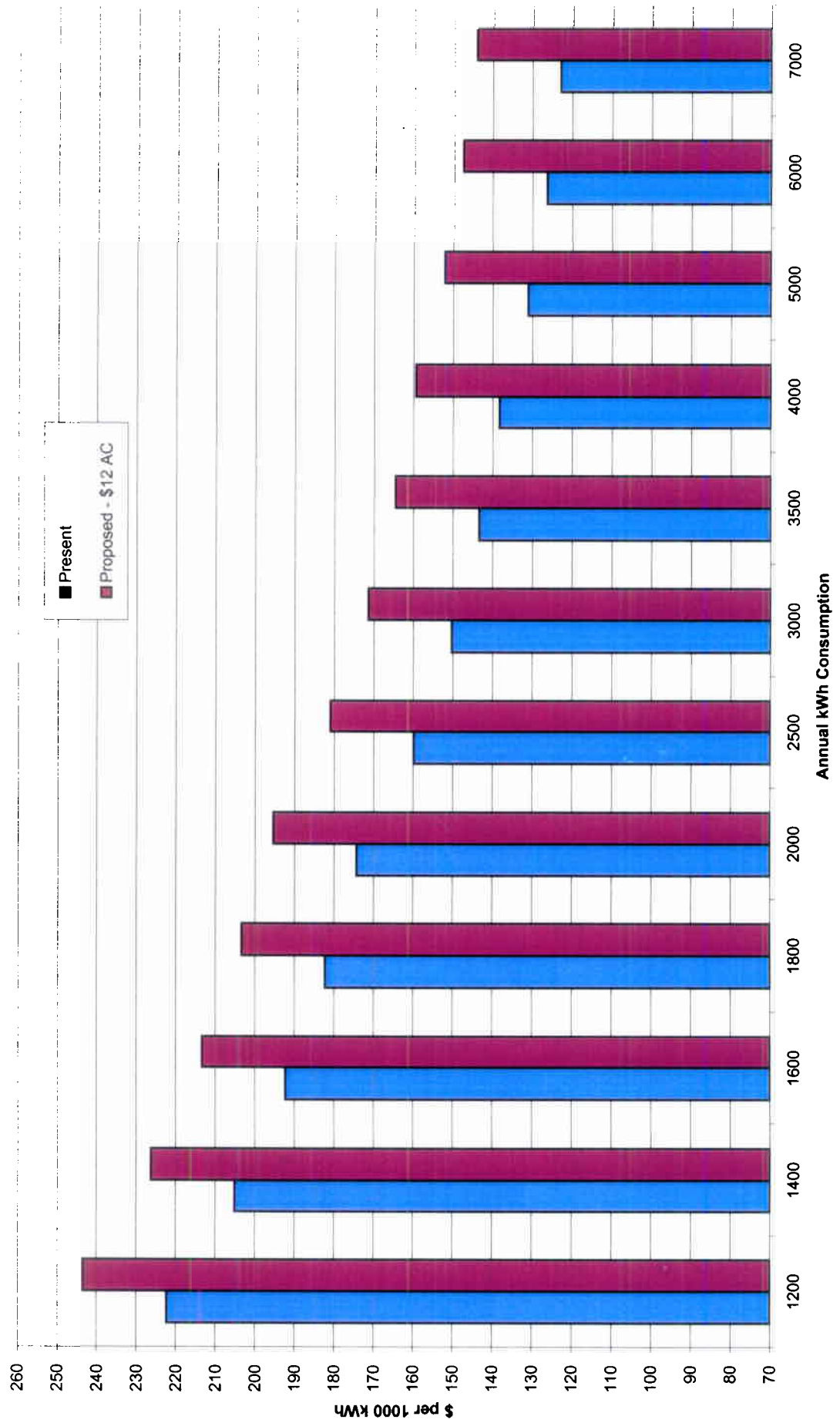


Great Lakes Energy

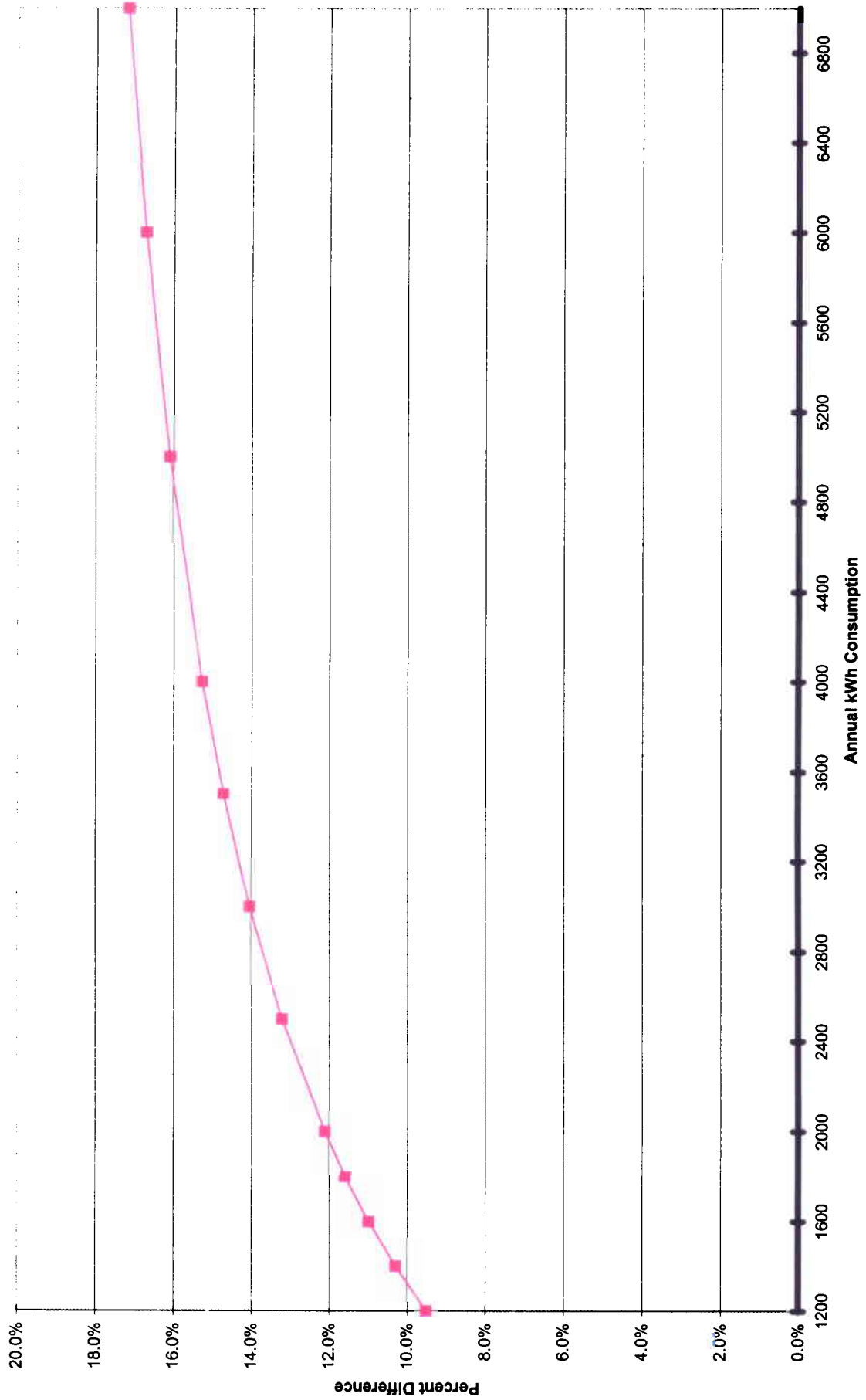
Alternative Residential Rate Comparison

	ANNUAL Usage Level											
	1200	1400	1600	1800	2000	2500	3000	3500	4000	5000	6000	7000
Utility												
Total Charges												
Present	\$266.77	\$287.23	\$307.70	\$328.16	\$348.62	\$399.78	\$450.93	\$502.09	\$553.24	\$655.55	\$757.86	\$860.17
Proposed - \$12 AC	\$292.08	\$316.76	\$341.44	\$366.12	\$390.80	\$452.50	\$514.20	\$575.90	\$637.60	\$761.00	\$884.40	\$1,007.80
Mills Per kWh												
Present	222.31	205.17	192.31	182.31	174.31	159.91	150.31	143.45	138.31	131.11	126.31	122.88
Proposed - \$12 AC	243.40	226.26	213.40	203.40	195.40	181.00	171.40	164.54	159.40	152.20	147.40	143.97
Percent Difference from Present												
Proposed - \$12 AC	9.5%	10.3%	11.0%	11.6%	12.1%	13.2%	14.0%	14.7%	15.2%	16.1%	16.7%	17.2%

Average Price at Various Annual Usages Alternative Residential



Percent Difference from Average of Present Rates Alternative Residential

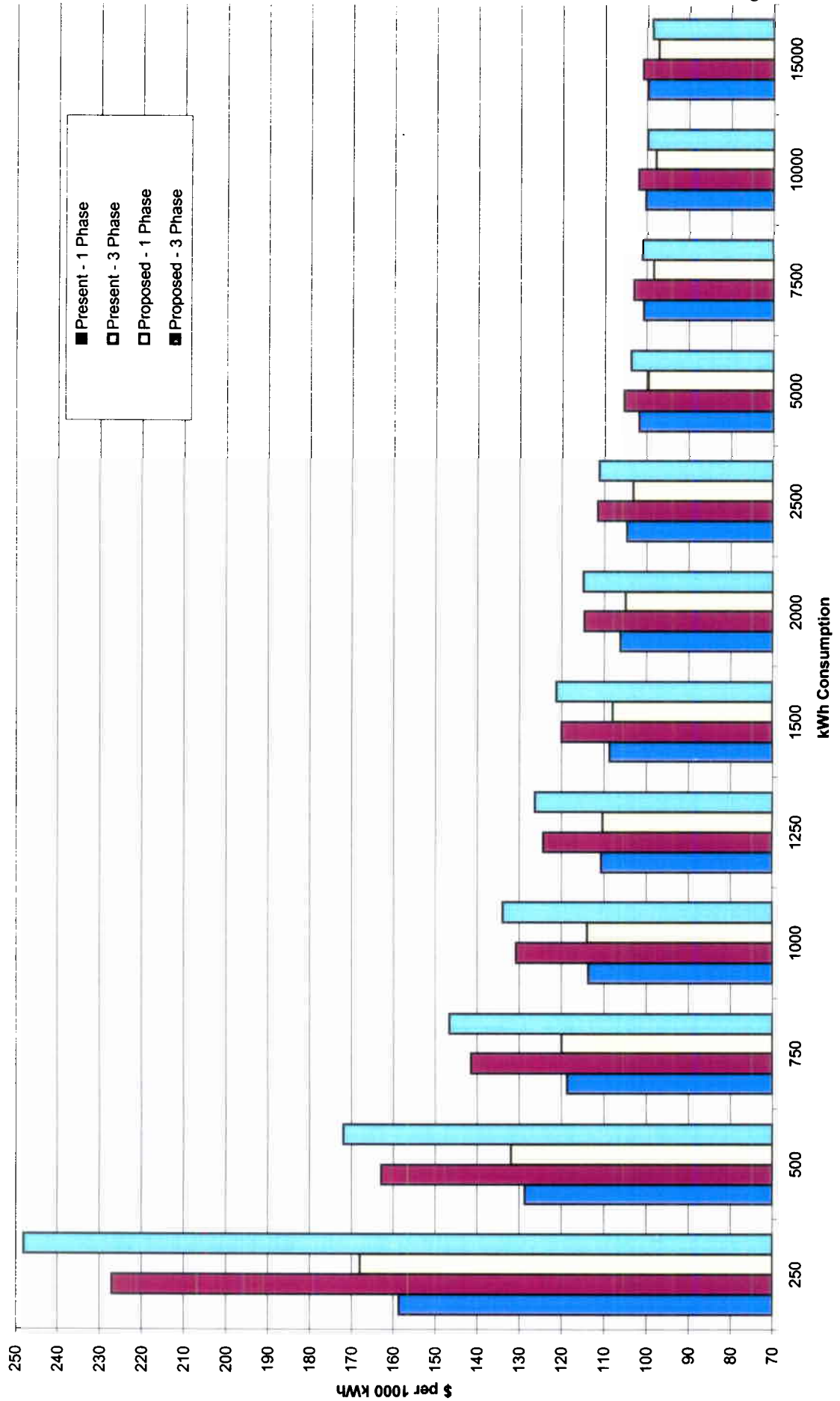


Great Lakes Energy

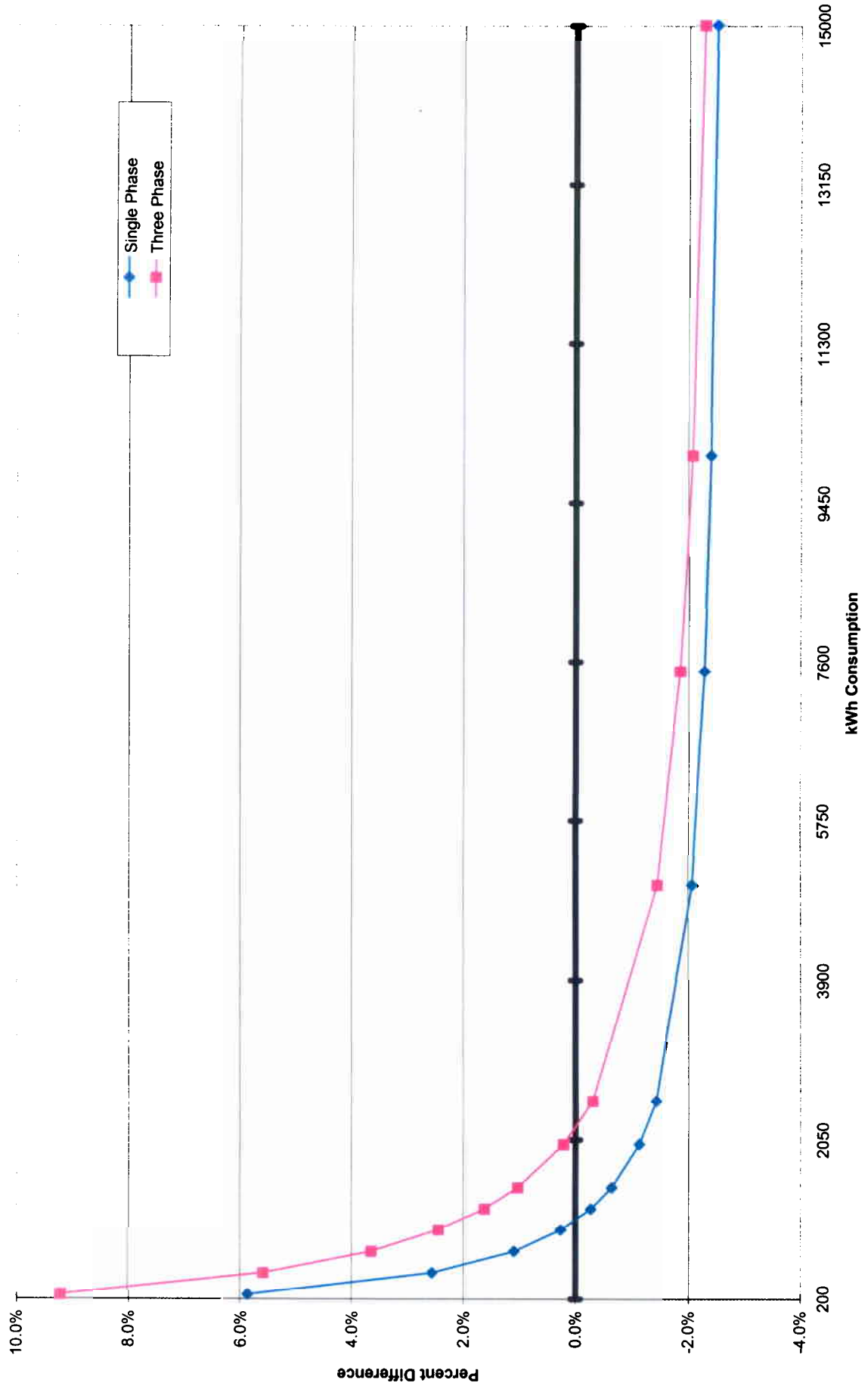
Commercial/General Service Rate Comparison

Utility	Usage Level											
	250	500	750	1000	1250	1500	2000	2500	5000	7500	10000	15000
Total Charges												
Present - 1 Phase	\$39.68	\$64.36	\$89.03	\$113.71	\$138.39	\$163.07	\$212.42	\$261.78	\$508.55	\$755.33	\$1,002.10	\$1,495.65
Present - 3 Phase	\$56.78	\$81.46	\$106.13	\$130.81	\$155.49	\$180.17	\$229.52	\$278.88	\$525.65	\$772.43	\$1,019.20	\$1,512.75
Proposed - 1 Phase	\$42.00	\$66.00	\$90.00	\$114.00	\$138.00	\$162.00	\$210.00	\$258.00	\$498.00	\$738.00	\$978.00	\$1,458.00
Proposed - 3 Phase	\$62.00	\$86.00	\$110.00	\$134.00	\$158.00	\$182.00	\$230.00	\$278.00	\$518.00	\$758.00	\$998.00	\$1,478.00
Mills Per kWh												
Present - 1 Phase	158.71	128.71	118.71	113.71	110.71	108.71	106.21	104.71	101.71	100.71	100.21	99.71
Present - 3 Phase	227.11	162.91	141.51	130.81	124.39	120.11	114.76	111.55	105.13	102.99	101.92	100.85
Proposed - 1 Phase	168.00	132.00	120.00	114.00	110.40	108.00	105.00	103.20	99.60	98.40	97.80	97.20
Proposed - 3 Phase	248.00	172.00	146.67	134.00	126.40	121.33	115.00	111.20	103.60	101.07	99.80	98.53
Percent Difference from Present Rates												
Single Phase	5.9%	2.6%	1.1%	0.3%	-0.3%	-0.7%	-1.1%	-1.4%	-2.1%	-2.3%	-2.4%	-2.5%
Three Phase	9.2%	5.6%	3.6%	2.4%	1.6%	1.0%	0.2%	-0.3%	-1.5%	-1.9%	-2.1%	-2.3%

Average Price at Various Usages Commercial / General Service



Percent Difference from Average of Present Rates Commercial / General Service

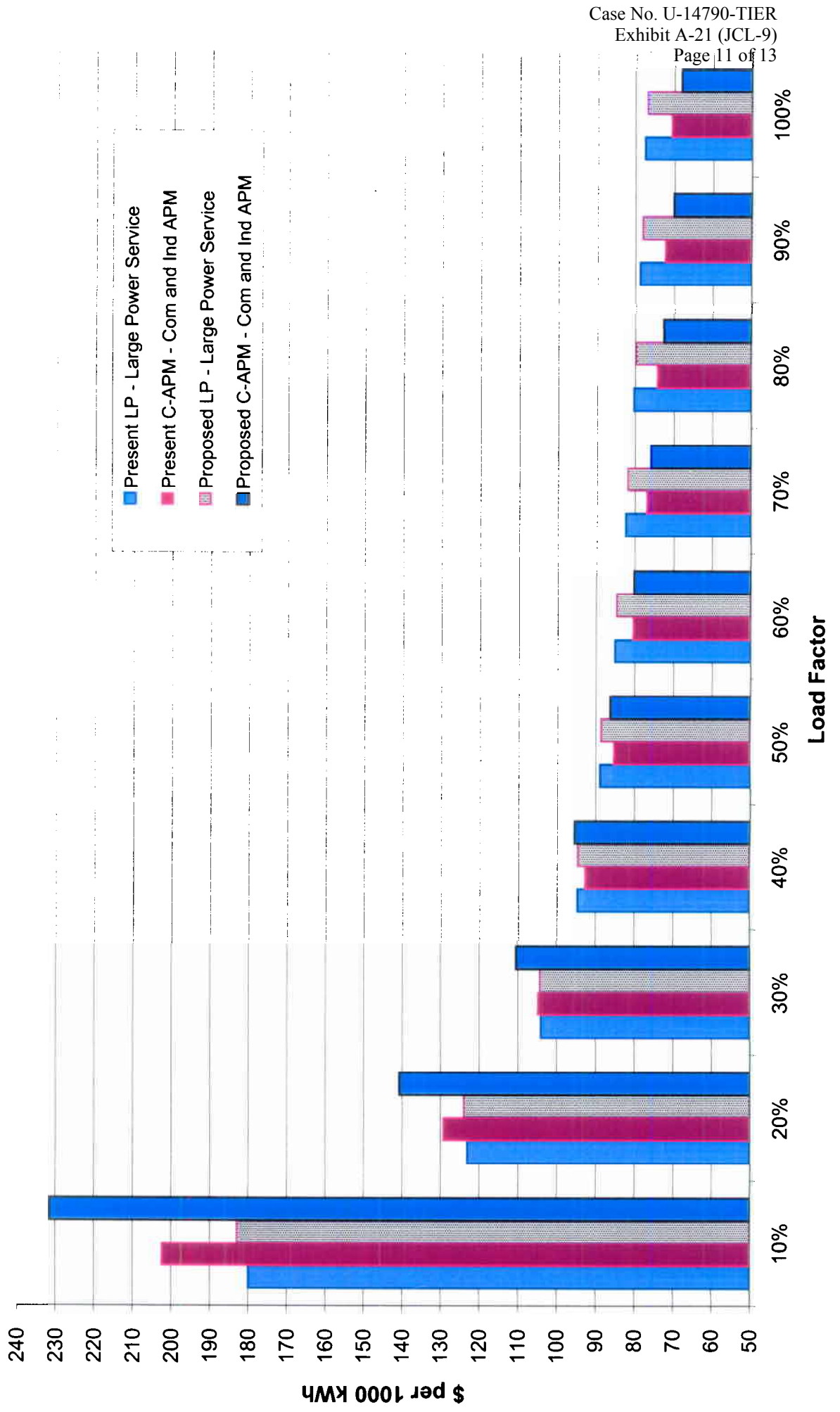


Great Lakes Energy

Large Power Rate Comparison

Sample kW Load Power Factor			50	Load Factor																		
			NA	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%									
Utility			Rate	MWh																		
Total Charge				4	7	11	15	18	22	26	29	33	37									
Present		LP - Large Power Service	\$	657	\$	898	\$	1,139	\$	1,381	\$	1,622	\$	1,863	\$	2,104	\$	2,346	\$	2,587	\$	2,828
Present		C-APM - Com and Ind APM	\$	739	\$	944	\$	1,148	\$	1,353	\$	1,558	\$	1,763	\$	1,967	\$	2,172	\$	2,377	\$	2,582
Proposed		LP - Large Power Service	\$	667	\$	905	\$	1,142	\$	1,379	\$	1,616	\$	1,854	\$	2,091	\$	2,328	\$	2,565	\$	2,803
Proposed		C-APM - Com and Ind APM	\$	845	\$	1,028	\$	1,210	\$	1,393	\$	1,575	\$	1,758	\$	1,940	\$	2,123	\$	2,305	\$	2,488
Mills Per kWh																						
Present		LP - Large Power Service		179.94		123.02		104.05		94.56		88.87		85.07		82.36		80.33		78.75		77.48
Present		C-APM - Com and Ind APM		202.40		129.25		104.87		92.68		85.36		80.48		77.00		74.39		72.36		70.73
Proposed		LP - Large Power Service		182.81		123.90		104.27		94.45		88.56		84.63		81.83		79.73		78.09		76.78
Proposed		C-APM - Com and Ind APM		231.51		140.75		110.50		95.38		86.30		80.25		75.93		72.69		70.17		68.15
Percent Difference from Present Rates																						
		LP - Large Power Service		1.6%		0.7%		0.2%		-0.1%		-0.3%		-0.5%		-0.6%		-0.8%		-0.8%		-0.9%
		C-APM - Com and Ind APM		14.4%		8.9%		5.4%		2.9%		1.1%		-0.3%		-1.4%		-2.3%		-3.0%		-3.6%

Comparison of Average Cost at All Load Factors Large Power



Great Lakes Energy

Large Power < 200 kW Rate Comparison

Sample kW Load Power Factor Coincidence			Load Factor																		
			500																		
			10%	20%	30%	40%	50%	60%	70%	80%	90%	100%									
Utility			MWh																		
Rate			37	73	110	146	183	219	256	292	329	365									
Total Charge																					
Present	D-APM - Com and Ind APM	\$	6,562	\$	8,270	\$	9,979	\$	11,687	\$	13,395	\$	15,103	\$	16,811	\$	18,520	\$	20,228	\$	21,936
Present	PSDS - Primary Adjacent Substation	\$	5,467	\$	7,081	\$	8,694	\$	10,307	\$	11,921	\$	13,534	\$	15,147	\$	16,760	\$	18,374	\$	19,987
Proposed	D-APM - Com and Ind APM	\$	6,340	\$	8,092	\$	9,844	\$	11,596	\$	13,348	\$	15,100	\$	16,852	\$	18,604	\$	20,356	\$	22,108
Proposed	PSDS - Primary Adjacent Substation	\$	5,587	\$	7,196	\$	8,809	\$	10,422	\$	12,036	\$	13,649	\$	15,262	\$	16,875	\$	18,489	\$	20,102
Mills Per kWh																					
Present	D-APM - Com and Ind APM		179.79		113.29		91.13		80.05		73.40		68.96		65.80		63.42		61.58		60.10
Present	PSDS - Primary Adjacent Substation		149.79		96.99		79.40		70.60		65.32		61.80		59.28		57.40		55.93		54.76
Proposed	D-APM - Com and Ind APM		173.70		110.85		89.90		79.42		73.14		68.95		65.96		63.71		61.97		60.57
Proposed	PSDS - Primary Adjacent Substation		152.94		98.57		80.45		71.38		65.95		62.32		59.73		57.79		56.28		55.07
Percent Difference from Present Rates																					
	D-APM - Com and Ind APM		-3.4%		-2.2%		-1.3%		-0.8%		-0.4%		0.0%		0.2%		0.5%		0.6%		0.8%
	PSDS - Primary Adjacent Substation		2.1%		-1.6%		-1.3%		-1.1%		-1.0%		-0.8%		-0.8%		-0.7%		-0.6%		-0.6%

Comparison of Average Power Cost at All Load Factors Large Power > 200 kW

