Case No. U–12651
Exhibit A-___(GWM-1)
Witness: G.W.Marx
Date: June 5, 2001

Northern States Power Company, Wisconsin

d/b/a Xcel Energy

Michigan Retail Electric

Retail Open Access Tariffs

June 5, 2001

Table of Contents
for NSP(W) Proposed Open Access Tariff Sheets

RESIDENTIAL SERVICE MR-1

Applicable to: All areas served.

Availability: This service is available to all residential Customers for all domestic use. This service is not available to serve unattached, non-domestic dwellings which are metered separately.

Electric Supply Service: Customers may choose to have Electric Supply Service from an AES according to Customer Supply Service CSS-1 and Retail Access Service Tariff RAS-1. Customers that do not choose an AES shall be provided Electric Supply Service by the Company according to System Supply Service SSS-1.

Monthly Rates:

Customer Charge *with Standard Meter:* *(Normal Metering Configuration)*	$ 4.25 per Customer per month
Customer Charge with Interval Demand Meter: *(CSS-1 Metering For Large Customers *)*	*$ 10.00 per Customer per month*
Distribution Delivery Charge:	*2.69 ¢ per kWh*
Electric Supply Service Options:	
for System Supply Service,	*see Schedule SSS-1*
for Customer Supply Service,	*see Schedule CSS-1*

Minimum Net Monthly Charge: The Customer Charge unless otherwise provided by contract.

Customer Switching Service Charge: A Customer may switch Electric Suppliers, subject to a switching fee as specified in the Retail Access Service Tariff RAS-1, Section 2.4-Customer Enrollment and Switching.

* ~~*Metering and Telephone Connection Requirements:*~~ *Interval Demand Metering is mandatory for customers who choose an AES, who are served under schedule CSS-1 and who have a Maximum Demand in excess of 25 kW. Further terms and conditions for metering and telephone connections are specified in the Retail Access Service Tariff RAS-1, Section 2.5-Metering and Load Profiling.*

Late Payment Charge: The due date shall be 21 days following the date of mailing. A late payment charge of 1%, not compounded, of the unpaid balance, net of taxes, shall be added to any bill which is delinquent. The late payment charge shall not apply to Customers participating in the Winter Protection Plan described in U-4240. A delinquent account is a bill which remains unpaid at least 5 days after the due date of the bill.

Rate Code:
C01

RESIDENTIAL TIME-OF-DAY SERVICE MR-2

Applicable to: All areas served.

Availability: This rate is available to all residential Customers for all domestic use for a period of one year or more. Availability is at the discretion of the Company and is subject to the ability of the Company to obtain and install the required metering equipment. The Company agrees to keep this schedule available to Customer for a minimum of 5 years. Upon expiration of a full year on this rate schedule Customer may, at Customer's option, transfer another available service schedule.

Electric Supply Service: Customers may choose to have Electric Supply Service from an AES according to Customer Supply Service CSS-1 and Retail Access Service Tariff RAS-1. Customers that do not choose an AES shall be provided Electric Supply Service by the Company according to System Supply Service SSS-1.

Monthly Rates:

Customer Charge *with Time of Day Recording Meter:* *(Normal Metering Configuration)*	$ 6.75 per Customer per month
Customer Charge with Interval Demand Meter: *(CSS-1 Metering For Large Customers *)*	*$ 10.00 per Customer per month*
Distribution Delivery Charge:	*2.69 ¢ per kWh*
Electric Supply Service Options:	
for System Supply Service,	*see Schedule SSS-1*
for Customer Supply Service,	*see Schedule CSS-1*

Minimum Net Monthly Charge: The Customer Charge unless otherwise provided by contract.

* ~~Metering and Telephone Connection Requirements:~~ *Interval Demand Metering is mandatory for customers who choose an AES, who are served under schedule CSS-1 and who have a Maximum Demand in excess of 25 kW. Further terms and conditions for metering and telephone connections are specified in the Retail Access Service Tariff RAS-1, Section 2.5-Metering and Load Profiling.*

(Continued on Sheet No. 146.1)

Issued by

J. L. Larsen
President
Eau Claire, Wisconsin

Effective

Issued Under Authority Of The
Michigan Public Service Commission
dated
in Case No.

RESIDENTIAL TIME-OF-DAY SERVICE MR-2

(Continued from Sheet No. 146)

Customer Switching Service Charge: A Customer may switch Electric Suppliers, subject to a switching fee as specified according to the Retail Access Service Tariff RAS-1, Section 2.4-Customer Enrollment and Switching.

Late Payment Charge: The due date shall be 21 days following the date of mailing. A late payment charge of 1%, not compounded, of the unpaid balance, net of taxes, shall be added to any bill which is delinquent. The late payment charge shall not apply to Customers participating in the Winter Protection Plan described in U-4240. A delinquent account is a bill which remains unpaid at least 5 days after the due date of the bill.

Definition of Peak Periods: Unless specified to the contrary in writing by the Company to any Customer using this schedule and refiling this rate sheet not later than November 1 of each year, on-peak hours shall be a 12-hour block of continuous hours as selected by Customer from options listed below. On-peak hours shall begin at the same time for each of the on-peak days, which are Monday through Friday, inclusive (excluding holidays), for the 12 months beginning with the first full billing period following December 15. The holidays designated shall be New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving and Christmas, on the day nationally designated to be celebrated as such

When a designated holiday occurs on Saturday, the preceding Friday will be considered an off-peak day. When a designated holiday occurs on Sunday, the following Monday will be considered an off-peak day.

Choice of Peak Periods: Available in all geographical portions of service area. Customer may choose one of five optional peak periods and must maintain the choice for a minimum of one year. The five on-peak periods have the following beginning and ending hours:

Option	Beginning Hour	Ending Hour
1	9:00 a.m.	9:00 p.m.
2	8:30 a.m.	8:30 p.m.
3	8:00 a.m.	8:00 p.m.
4	7:30 a.m.	7:30 p.m.
5	7:00 a.m.	7:00 p.m.

Off-peak hours are times not specified an on-peak hours. One year after initial choice of peak periods, Customer may change peak period selection. Such change is allowed only once per year.

Rate Code:
C02

SMALL COMMERCIAL SERVICE MSC-1

Applicable: All areas served.

Availability: Available to any general service Customer for single- or three-phase electric service supplied through one meter where Customer's demands are not measured.

Electric Supply Service: Customers may choose to have Electric Supply Service from an AES according to Customer Supply Service CSS-1 and Retail Access Service Tariff RAS-1. Customers that do not choose an AES shall be provided Electric Supply Service by the Company according to System Supply Service SSS-1.

Monthly Rate:

Customer Charge *with Energy-Only Meter*:	
(Normal Metering Configuration)	
Single Phase	$ 7.50 per Customer per month
Three Phase	$ 12.50 per Customer per month
Customer Charge with Interval Demand Meter:	
*(CSS-1 Metering For Large Customers *)*	
Single Phase	*$ 13.25 per Customer per month*
Three Phase	*$ 18.25 per Customer per month*
Distribution Delivery Charge:	*2.69 ¢ per kWh*
Electric Supply Service Options:	
for System Supply Service,	*see Schedule SSS-1*
for Customer Supply Service,	*see Schedule CSS-1*

Minimum Net Monthly Charge: The Customer Charge unless otherwise provided by contract.

** Metering and Telephone Connection Requirements: Interval Demand Metering is mandatory for customers who choose an AES, who are served under schedule CSS-1 and who have a Maximum Demand in excess of 25 kW. Further terms and conditions for metering and telephone connections are specified in the Retail Access Service Tariff RAS-1, Section 2.5-Metering and Load Profiling.*

(Continued on Sheet No. 149.1)

SMALL COMMERCIAL SERVICE MSC-1

(Continued from Sheet No. 149)

Customer Switching Service Charge: A Customer may switch Electric Suppliers, subject to a switching fee as specified according to the Retail Access Service Tariff RAS-1, Section 2.4-Customer Enrollment and Switching.

Installation of Demand Meter:
Customer will be billed on this service unless:

1. Customer is served single-phase and has a service entrance capacity greater than 200 amperes, or
2. Customer is serviced three-phase at 120/208 or 120/240 volts and has a service entrance capacity greater than 200 amperes, or
3. Customer is served three-phase at 240/480 or 277/480 volts, and has a service entrance capacity greater than 100 amperes. (Customers with service entrance capacity of 100 amperes or less may, at their option, have a demand meter installed), or
4. Customer is served at a primary voltage level, or
5. Customer is being served on the Athletic Field Lighting Rider as of December 31, 1987.

Late Payment Charge: The due date shall be 21 days following the date of mailing. A late payment charge of 1%, not compounded, of the unpaid balance, net of taxes, shall be added to any bill which is delinquent. A delinquent account is a bill which remains unpaid at least 5 days after the due date of the bill.

Rate Code:
C10

SMALL GENERAL TIME-OF-DAY SERVICE MST-1

Applicable: All areas served.

Availability: Available to any general service Customer for single- or three-phase electric service supplied through one meter where Customer's demands are not measured.

Electric Supply Service: Customers may choose to have Electric Supply Service from an AES according to Customer Supply Service CSS-1 and Retail Access Service Tariff RAS-1. Customers that do not choose an AES shall be provided Electric Supply Service by the Company according to System Supply Service SSS-1.

Monthly Rate:

Customer Charge *with Time of Day Recording Meter:*	
(Normal Metering Configuration)	
Single Phase	$10.50 per Customer per month
Three Phase	$15.50 per Customer per month
Customer Charge with Interval Demand Meter:	
*(CSS-1 Metering For Large Customers *)*	
Single Phase	*$ 13.25 per Customer per month*
Three Phase	*$ 18.25 per Customer per month*
Distribution Delivery Charge:	*2.69 ¢ per kWh*
Electric Supply Service Options:	
for System Supply Service,	*see Schedule SSS-1*
for Customer Supply Service,	*see Schedule CSS-1*

Minimum Net Monthly Charge: The Customer Charge unless otherwise provided by contract.

* ~~Metering and Telephone Connection Requirements:~~ *Interval Demand Metering is mandatory for customers who choose an AES, who are served under schedule CSS-1 and who have a Maximum Demand in excess of 25 kW. Further terms and conditions for metering and telephone connections are specified in the Retail Access Service Tariff RAS-1, Section 2.5-Metering and Load Profiling.*

(Continued on Sheet No. 149.51)

Issued by | Effective

J. L. Larsen
President
Eau Claire, Wisconsin

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Michigan Public Service Commission
dated
in Case No.

SMALL GENERAL TIME-OF-DAY SERVICE MST-1

(Continued from Sheet No. 149.5)

Customer Switching Service Charge: A Customer may switch Electric Suppliers, subject to a switching fee as specified according to the Retail Access Service Tariff RAS-1, Section 2.4-Customer Enrollment and Switching.

Installation of Demand Meter:
Customer will be billed on this service unless:

1. Customer is served single-phase and has a service entrance capacity greater than 200 amperes, or
2. Customer is serviced three-phase at 120/208 or 120/240 volts and has a service entrance capacity greater than 200 amperes, or
3. Customer is served three-phase at 240/480 or 277/480 volts, and has a service entrance capacity greater than 100 amperes. (Customers with service entrance capacity of 100 amperes or less may, at their option, have a demand meter installed), or
4. Customer is served at a primary voltage level, or
5. Customer is being served on the Athletic Field Lighting Rider as of December 31, 1987.

Definition of Peak Periods: Unless specified to the contrary in writing by the Company to any Customers using this schedule and refiling this rate sheet not later than November 1 of each year, on-peak hours shall be from 9:00 a.m. to 9:00 p.m. Monday through Friday, inclusive (excluding holidays), for the 12 months beginning with the first full billing period following December 15. The holidays designated shall be New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving and Christmas, on the day nationally designated to be celebrated as such. When a designated holiday occurs on Saturday, the preceding Friday will be considered an off-peak day. When a designated holiday occurs on a Sunday, the following Monday will be considered an off-peak day.

Off-peak hours are times not specified as on-peak hours.

Late Payment Charge: The due date shall be 21 days following the date of mailing. A late payment charge of 1%, not compounded, of the unpaid balance, net of taxes, shall be added to any bill which is delinquent. A delinquent account is a bill which remains unpaid at least 5 days after the due date of the bill.

Rate Code:
C11

COMMERCIAL INDUSTRIAL GENERAL SERVICE MCI-1

Applicable: All areas served.

Availability: Available to any general service Customer for single- or three-phase electric service supplied through one meter where Customer's demands are measured and where Customer is not required to be on Service Schedule MI-1. For new Customers, Company may, at its *own* discretion, serve Customer on schedule MSC-1 and delay determination of the Customer's demand until annual review of the first 12 months of service.

Electric Supply Service: Customers may choose to have Electric Supply Service from an AES according to Customer Supply Service CSS-1 and Retail Access Service Tariff RAS-1. Customers that do not choose an AES shall be provided Electric Supply Service by the Company according to System Supply Service SSS-1.

Kind of Service: Alternating current at the following nominal voltages:

(a) for Secondary Voltage Service--three-wire single-phase and three- or four-wire three-phase at 208 volts or higher;

(b) for Primary Voltage Service--three-phase at 2400 volts or higher. Service voltage available in any given case is dependent upon voltage and capacity of existing Company lines in vicinity of Customer's premises.

Monthly Rate:

Customer Charge *with Demand Meter:* *(Normal Metering Configuration)*	$ 30.00 per Customer per month
Customer Charge with Interval Demand Metering: *(CSS-1 Metering For Large Customers *)*	*$ 40.00 per month*
Distribution Demand Charge:	
Secondary Voltage	*$ 2.17 per kW/mo.*
Primary Voltage	*$ 2.07 per kW/mo.*
Distribution Delivery Charge:	
Secondary Voltage	*1.20 ¢ per kWh.*
Primary Voltage Discount	*2.0 %*
Electric Supply Service Options:	
for System Supply Service,	*see Schedule SSS-1*
for Customer Supply Service,	*see Schedule CSS-1*
System Power Factor Demand Charge:	
Secondary Voltage	*$ 5.28 per kW/mo.*
Primary Voltage	*$ 5.05 per kW/mo.*

(Continued on Sheet No. 151)

COMMERCIAL INDUSTRIAL GENERAL SERVICE MCI-1

(Continued from Sheet No. 150)

Minimum Net Monthly Charge: The Customer Charge *unless otherwise provided by contract.*

* ~~*Metering and Telephone Connection Requirements:*~~ *Interval Demand Metering is mandatory for customers who choose an AES, who are served under schedule CSS-1 and who have a Maximum Annual Demand in excess of 25 kW. Further terms and conditions for metering and telephone connections are specified in the Retail Access Service Tariff RAS-1, Section 2.5-Metering and Load Profiling.*

Customer Switching Service Charge: A Customer may switch Electric Suppliers, subject to a switching fee as specified according to the Retail Access Service Tariff RAS-1, Section 2.4-Customer Enrollment and Switching.

Installation of Demand Meter:
Company will install a demand meter *to measure the average kilowatts required during the 15-minute period of maximum use, rounded to the nearest whole kilowatt* and such demands will be used for *Billing Demands* when:

1. Customer is served single-phase and has a service entrance capacity greater than 200 amperes; or
2. Customer is served three-phase at 120/208 or 120/240 volts and has a service entrance capacity greater than 200 amperes; or
3. Customer is served three-phase at 240/480 or 277/480 volts, and has a service entrance capacity greater than 100 amperes. (Customers with service entrance capacity of 100 amperes or less may, at their option, have a demand meter installed); or
4. Customer is served at a primary voltage level.

Determination of Kilowatts of Maximum Use:
The Company will install a demand meter to measure the "kilowatts of maximum use". This will be the average kilowatts required during the 15-minute period of maximum use rounded to the nearest whole kilowatt. Kilowatts of maximum use so measured are subject to adjustment for billing purposes as set forth below under "power factor adjustment". The Billing Demand will be adjusted for power factor when customer's measured demand is greater than 100 kW for 4 of 12 months. Power factor adjustment is discontinued if demand remains below 100 kW for 12 consecutive months.

(Continued on Sheet No. 152)

COMMERCIAL INDUSTRIAL GENERAL SERVICE MCI-1

(Continued from Sheet No. 151)

System Power Factor Adjustment:
Company reserves the right to determine the power factor of the customer installation served hereunder. Should the average lagging power factor during the month be determined to be below 90%, the customer's kilowatts of maximum use for billing purposes will be adjusted by multiplying the kilowatts of maximum use by 90% and dividing by the average lagging power factor.

System Power Factor Charge: For customers served according to Schedule CSS-1, in a month for which customer's Monthly Billing Demand is adjusted upward for power factor as described herein, the customer will be billed an additional monthly amount equal to the upward adjustment in kW times the System Power Factor Demand Charge.

Maximum annual demand: The maximum annual demand is be the highest 15-minute demand occurring anytime during the most recent 12-month period, including the current month after adjusting for power factor and/or losses, if applicable.

Late Payment Charge: The due date shall be 21 days following the date of mailing. A late payment charge of 1%, not compounded, of the unpaid balance, net of taxes, shall be added to any bill which is delinquent. A delinquent account is a bill which remains unpaid at least 5 days after the due date of the bill.

Billing Demand Limit: In no month will the billing demand be greater than the value in kW determined by dividing the kWh sales for the billing month by 100 hours.

Rate Code:
C12

EXPERIMENTAL LOAD CONTROL RIDER MLC-1

Applicable: All areas served.

Availability: Available on an optional basis to any single- or three-phase, commercial, industrial, or agricultural customer, *who receives service according to Schedule SSS-1*. Customer shall allow Company to control all or part of their load during interruption periods. Agricultural customers are limited to controlling non-residential use equipment only. This rate will be available on an experimental basis. The impacts and effectiveness of the rate will be evaluated and a decision will be made to either eliminate, modify, or continue the rate. Any such decision will be subject to approval by the Michigan Public Service Commission (MPSC).

Rate: Monthly credit of $3.00 per kW of controlled load.

Terms and Conditions:

1. Load management service and credits availability are at the discretion of Company and are subject to control system coverage in the area and the ability of Company to obtain and install the required load management equipment. If the customer's load is outside the capacity of Company's equipment, customer will be responsible for any additional equipment necessary to take service under this rate.

2. Credits will apply to prequalified kW load controlled by Company. Company will determine the prequalified kW load by equipment specifications or metering the controlled load.

3. Customer will allow Company the use of existing telephone facilities at no cost to Company, when said facilities are required for monitoring by Company. Customer will not be responsible for any additional costs associated with the monitoring. Company monitoring will be done on a random basis for load research purposes only.

4. Load controlled by Company must provide adequate load reduction (operating at the time of interruption), as determined by Company, during the months of June, July, August and September. If a customer is not allowed on this rate due to inadequate load reduction, the customer may apply to the MPSC for a review of that determination.

5. The duration and frequency of interruptions shall be controlled by Company. Interruption will normally be based on meeting peak demands and system economic dispatch requirements of Company. However, interruption may also occur at times when, in Company's opinion, the reliability of the system is endangered.

6. Managed air conditioner load will normally be cycled off for no more than 15 minutes in any 30-minute portion of a load management period.

(continued on Sheet No. 153.51)

LARGE INDUSTRIAL SERVICE MI-1

Applicable: All areas served.

Availability-Mandatory: This rate schedule is mandatory for any retail customer having a 15-minute measured demand equal to or greater than 1000 kW for at least 4 of 12 months. Customer remains on this rate schedule on a mandatory basis unless demand remains below 1000 kW for 12 consecutive months. (This mandatory provision does not apply to MPC-1 customers.)

Availability-Optional: This rate schedule is optional for any general service customer for service supplied through one meter where customer's demands are measured and where customer is not required to be on a time-of-day rate schedule. For new customers, Company may, at it's *own* discretion, delay determination of the customer's demand until annual review of the first 12 months of service.

Electric Supply Service: Customers may choose to have Electric Supply Service from an AES according to Customer Supply Service CSS-1 and Retail Access Service Tariff RAS-1. Customers that do not choose an AES shall be provided Electric Supply Service by the Company according to System Supply Service SSS-1.

Kind of Service: Service provided under this schedule is delivery of Power from the Distribution Point of receipt to the Distribution Point of Delivery. Service at the Distribution Point of Delivery shall be alternating current, 60-Hertz, single-phase or three-phase. The particular nature of the delivery voltage may be dependent upon location as described below:

1. Alternating current is generally available at the following nominal voltages:
   a. for Secondary Voltage Service--three-wire single-phase and three-or four-wire three-phase at 208 volts or higher;
   b. for Primary Voltage Service--three-phase at 2400 volts or higher, but less than 34,500 volts;
   c. for Transmission Voltage Service--Transformed--i) three-phase at 2400 volts or higher, with service taken and metered at a substation which is fed at 69,000 volts or higher; or ii) three wire three-phase at 34,500 volts or higher, but less than 69,000 volts.
   d. for Transmission Voltage Service-Untransformed--service at 69,000 volts or higher.

2. Service voltage available in any given case is dependent upon voltage and capacity of existing company lines in vicinity of Customer's premises.

(Continued to Sheet No. 154.1)

LARGE INDUSTRIAL SERVICE **MI-1**

(Continued from Sheet No. 154)

Kind of Service: (continued)

3. Transmission Transformed Service under category *1.c.i* above is available only to Customers that take service through a step-down transformer at company's substation. Service under category *1.c.ii* above is available only to Customers that take service at the company's specified interconnection point of service. All facilities on the Customer's side of the point of service (including but not limited to: switches, overcurrent protection, cables, wire and support structures) shall be the responsibility of the Customer and subject to engineering plan approval by the company.

4. Transmission Service is available at transmission voltage, subject to the terms and conditions contained in the company's General Rules and Regulations.

The Customer shall provide a support for the Company to terminate the primary conductors and install other required equipment. Customer-owned substation equipment shall be operated and maintained by the customer. The support and substation equipment are subject to the Company's inspection and approval.

The above listed voltages are phase-to-ground for the wye connected and phase-to-phase for delta connected Company systems.

Minimum Monthly Charge: The minimum charge shall be the Customer plus the *Distribution Demand Charge* for the maximum annual 15-minute demand occurring anytime during the most recent 12 months, including the current month, unless otherwise provided by contract charge .

Customer Switching Service Charge: A Customer may switch Electric Suppliers, subject to a switching fee as specified according to the Retail Access Service Tariff RAS-1, Section 2.4-Customer Enrollment and Switching.

(Continued to Sheet No. 155)

***LARGE INDUSTRIAL SERVICE* MI-1**
(Continued from Sheet No. 154.1)

Monthly Rate:

Customer Charge *with Demand Meter:*
(Normal Metering Configuration)

Mandatory Customers	$ 150.00 *per Customer per month*
Optional Customers	$ 45.00 *per Customer per month*

Customer Charge with Interval Demand Meter:
*(CSS-1 Metering For Large Customers *)*

Mandatory Customers	*$ 170.00 per Customer per month*
Optional Customers	*$ 65.00 per Customer per month*

Distribution Demand Charge:

Secondary	$ 1.50 per kW/mo.
Primary	$ 0.90 per kW/mo.
Transmission Transformed	$ 0.40 per kW/mo.
Transmission Untransformed	$ 0.00 per kW/mo.

Distribution Delivery Charge:

Secondary	*1.20 ¢ per kWh.*
Primary Voltage Discount	*2.0 %*
Transmission Transformed Voltage Discount	*5.5 %*
Transmission Untransformed Voltage Discount	*6.0 %*

Electric Supply Service Options:

for System Supply Service,	*see Schedule SSS-1*
for Customer Supply Service,	*see Schedule CSS-1*

On-Peak System Power Factor Demand Charge:

Secondary	*$ 6.75 per kW/mo.*
Primary	*$ 5.65 per kW/mo.*
Transmission Transformed	*$ 5.20 per kW/mo.*
Transmission Untransformed	*$ 5.17 per kW/mo.*

* ~~*Metering and Telephone Connection Requirements:*~~ *Interval Demand Metering is mandatory for customers who choose an AES, who are served under schedule CSS-1 and who have a Maximum Demand in excess of 25 kW. Further terms and conditions for metering and telephone connections are specified in the Retail Access Service Tariff RAS-1, Section 2.5-Metering and Load Profiling.*

(Continued on Sheet No. 156)

LARGE INDUSTRIAL SERVICE **MI-1**

(Continued from Sheet No. 155)

On-Peak System Power Factor Charge: For customers served according to Schedule CSS-1, in a month for which customer's Monthly On-Peak Demand is adjusted upward for power factor as described herein, the customer will be billed an additional monthly amount equal to the upward adjustment in kW times the On-Peak System Power Factor Demand Charge.

Determination of Kilowatts of Maximum Use: The Company will install a demand meter to measure the "kilowatts of maximum use". This will be the average kilowatts required during the 15-minute period of maximum use rounded to the nearest whole kilowatt. Kilowatts of maximum use so measured are subject to adjustment for billing purposes as set forth below under Power Factor Adjustment.

System Power Factor Adjustment: Should the average lagging power factor during the month be determined to be below 90%, the customer's kilowatts of maximum use for billing purposes will be adjusted by multiplying the kilowatts of maximum use by 90% and dividing by the average lagging power factor. The demand will be adjusted for power factor when customer's measured demand is greater than 100 kW for 4 of 12 consecutive billing months. Power factor adjustment is discontinued if demand remains below 100 kW for 12 consecutive months.

Billing Demands Defined: The *Maximum Annual Demand* for monthly *Distribution Demand Charge* billing purposes will be the highest 15-minute demand occurring anytime during the most recent 12-month period, including the current month after adjusting for power factor and/or losses, if applicable. The *Monthly On-Peak Demand* for monthly *On-Peak Demand charge* billing purposes *according to Schedule SSS-1* will be the highest 15-minute demand which occurs *during any on-peak period* after adjusting for power factor and/or losses, if applicable.

Definition of Peak Periods: On-peak hours shall be from 9:00 a.m. to 9:00 p.m., Monday through Friday, inclusive (excluding holidays). The holidays designated shall be New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving and Christmas, on the day nationally designated to be celebrated as such. When a designated holiday occurs on a Saturday, the preceding Friday will be considered an off-peak day. When a designated holiday occurs on a Sunday, the following Monday will be considered an off-peak day. Off-peak hours are times not specified as on-peak hours.

Late Payment Charge: The due date shall be 21 days following the date of mailing. A late payment charge of 1%, not compounded, of the unpaid balance, net of taxes, shall be added to any bill which is delinquent. A delinquent account is a bill which remains unpaid at least 5 days after the due date of the bill.

Rate Code:
C13

PEAK CONTROLLED TIME-OF-DAY SERVICE MPC-1

Effective In: All territory served by the company.

Availability: Available to any retail customer, *who receives service according to Schedule SSS-1, and* who agrees to control demand to a predetermined level whenever required by company. General availability is restricted to customers with a minimum controlled demand of 50 kW. Service under this rate may be refused if the company believes the load to be controlled will not provide adequate load reduction when required.

Electric Supply Service: Under this service schedule, the Company shall provide Electric Supply Service according to System Supply Service SSS-1.

Kind of Service:

1. Alternating current at the following nominal voltages:
   a. for Secondary Voltage Service--three-wire single-phase and three-or four-wire three-phase at 208 volts or higher;

   b. for Primary Voltage Service--three-phase at 2400 volts or higher, but less than 34,500 volts;

   c. for Transmission Voltage Service-Transformed--i) three-phase at 2400 volts or higher, with service taken and metered at substation which is fed at 69,000 volts or higher; or ii) three wire three-phase at 34,500 volts or higher, but less than 69,000 volts.

   d. for Transmission Voltage Service-Untransformed--service at 69,000 volts or higher.

2. Service voltage available in any given case is dependent upon voltage and capacity of existing company lines in vicinity of customer's premises.

3. Transmission Transformed Service under category *1.c,i* above is available only to customers that take service through a step-down transformer at company's substation. Service under category *1.c.ii* above is available only to customers that take service at the company's specified interconnection point of service. All facilities on the customer's side of the point of service (including but not limited to: switches, overcurrent protection, cables, wire and support structures) shall be the responsibility of the customer and subject to engineering plan approval by the company.

4. Transmission Service is available at transmission voltage, subject to the terms and conditions contained in the company's General Rules and Regulations.

(Continued on Sheet No. 158)

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J. L. Larsen
President
Eau Claire, Wisconsin

Issued Under Authority Of The
Michigan Public Service Commission
dated
in Case No.

PEAK CONTROLLED TIME-OF-DAY SERVICE MPC-1

(Continued from Sheet No. 157)

Rate:

Customer Charge per Month *with Interval Demand Meter:*	
Demands in Excess of 1000 kW for 4 of 12 Months	$170.00
Demands of 1000 kW or Less for 9 of 12 Months	$ 65.00
Distribution Demand Charge:	Charge per kW per Month
- Secondary	$1.50
- Primary	$0.90
- Transmission Transformed	$0.40
- Transmission Untransformed	$0.00
Distribution Delivery Charge:	*Charge per kWh per Month*
Secondary	*1.20 ¢ per kWh.*
Primary Voltage Discount	*2.0 %*
Transmission Transformed Voltage Discount	*5.5 %*
Transmission Untransformed Voltage Discount	*6.0 %*
Electric Supply Service:	
for System Supply Service,	*see Schedule SSS-1*

Definition of Peak Periods: Unless specified to the contrary in writing by the Company to any customer using this schedule and refiling this rate sheet not later than November 1 of each year, on-peak hours shall be from 9:00 a.m. to 9:00 p.m. Monday through Friday, inclusive (excluding holidays), for the 12 months beginning with the first full billing period following December 15.

(Continued to Sheet No. 159)

PEAK CONTROLLED TIME-OF-DAY SERVICE MPC-1

(Continued from Sheet No. 159)

Controlled Demand: The controlled demand shall be the difference between customer's measured on-peak period demand and firm billing demand during the billing month, but never less than zero.

Distribution Demand: The *Distribution Billing* demand shall be the customer's greatest 15 minute load, regardless of time-of-day and not adjusted for power factor, which occurred during the past 12 months, including the current month.

System Power Factor Charge: Customer is responsible for additional charge if the average on-peak power factor is less than 90% in any month. The charge for billing is the power factor adjustment minus one (1), times the On-peak Period Demand times the Firm Demand Charge.

Late Payment Charge: The due date shall be 21 days following the date of mailing. A late payment charge of 1%, not compounded, of the unpaid balance, net of taxes, shall be added to any bill which is delinquent. A delinquent account is a bill which remains unpaid at least 5 days after the due date of the bill.

Monthly Minimum Charge: The monthly minimum charge shall be the customer charge plus the *Distribution Demand Charge.*

Terms and Conditions of Service:

1. Customer has the option of controlling his own load to predetermined demand level or allowing company to control load to predetermined demand level. If customer chooses to allow company to control load, customer must:
   a. Provide a load-break switch or circuit breaker equipped with an electric trip and close circuit allowing for remote operation of customer's switch or circuit breaker by company, and wire the switch or circuit breaker into a connection point designated by company. The electric trip and close circuit must have electrical requirements compatible with remote control equipment provided by company;
   b. Install the remote control equipment provided by company;
   c. Provide a continuous 120 volt AC power source at the connection point for operation of the company remote control equipment;
   d. Allow company to inspect and approve the remote control installation and equipment provided by customer;
   e. Allow company to revise type of control system.
   If customer chooses to control his own load, customer is exempt from provision a, but is responsible for provisions b, c, d and e.
2. Company will endeavor to give customer one hour's notice of an impending control period. However, service may be controlled without advance notice should company deem such action necessary.

(Continued on Sheet No. 161)

PEAK CONTROLLED GENERAL SERVICE MPC-2

Effective In: All territory served by the Company.

Availability: Available to any retail customer who qualifies for service on General Service rate schedule MCI-1, *who receives service according to Schedule SSS-1,* and who agrees to control demand to a predetermined level whenever required by Company. General availability is restricted to customers with a minimum controlled demand of 50 kW. Service under this rate may be refused if the Company believes the load to be controlled will not provide adequate load reduction when required.

Kind of Service: Alternating current at the following nominal voltages: (a) for Secondary Voltage Service--three-wire single-phase and three-or four-wire three-phase at 208 volts or higher; (b) for Primary Voltage Service--three-phase at 2400 volts or higher. Service voltage available in any given case is dependent upon voltage and capacity of existing Company lines in vicinity of customer's premises.

Electric Supply Service: Under this service schedule, the Company shall provide Electric Supply Service according to System Supply Service SSS-1.

Rate:

Customer Charge *with Interval Demand Meter:*	$ 40.00 *per Customer per month*
Distribution Demand Charges:	Charge per kW per Month
- Secondary	$ 2.17
Primary	$ 2.07
Energy Charge: - Secondary Voltage	1.20 ¢ per kWh
Energy Charge Discount - Primary Voltage	2.0 %
Electric Supply Service:	
for System Supply Service,	*see Schedule SSS-1*

Determination of Billing Demands: The billing demand in kilowatts shall be the greatest 15-minute measured load during the month for which bill is rendered.

Power Factor Charge: The power factor charge is applied only when customers' measured demand is greater than 100 kW for 4 of 12 months. The power factor charge is discontinued if demand remains below 100 kW for 12 consecutive months. Customer is responsible for additional charge if the average on-peak power factor is less than 90% in any month. The charge for billing is the power factor adjustment minus one (1), times the billing demand times the firm demand charge.

(continued on Sheet 162.51)

PEAK CONTROLLED TIME-OF-DAY SERVICE MPC-2

(continued from Sheet 162.5)

System Power Factor Adjustment: The customer shall at all times take and use power in such manner that the average power factor shall be as near 100% as possible, but when the average power factor is less than 90%, then the power factor adjustment for billing is 90% divided by the average power factor expressed in percent.

The average power factor is defined to be the quotient obtained by dividing the kilowatt-hours used during the month by the square root of the sum of the squares of the kilowatt-hours used and the lagging reactive kilovolt-ampere-hours supplied during the same period. Any leading kilovolt-ampere-hours supplied during the period will not be considered in determining the average power factor.

Predetermined Demand: A predetermined firm demand level shall be specified and agreed to by the customer and Company. Customer's measured demand in excess of the predetermined firm demand during control periods shall be subject to penalty as described in Terms and Conditions, Item 4.

Control Period: During a billing month, control periods are the periods during which a customer is requested to control demand to the predetermined level.

Firm Billing Demand: 1) In months where no control period occurs, the firm billing demand shall be the lesser of predetermined firm demand or adjusted demand as described in previous paragraph titled "Determination of Billing Demands". 2) In months where one control period occurs, the firm billing demand shall be the measured demand established during the control period. 3) In months where more than one control period occurs and customer has not exceeded predetermined demand level during any control period, the average of the measured demands established during the control periods shall be used for billing purposes. 4) In months where one or more control periods occur and customer has exceeded predetermined demand level during any control period, the firm billing demand shall be the greatest measured demand established during any control period.

Controlled Billing Demand: The controlled demand shall be the difference between ~~customer's~~ adjusted demand and firm billing demand during the billing month, but never less than zero.

Minimum Net Monthly Charge: *The Customer Charge plus the Distribution Demand Charge, unless otherwise provided by contract.*

Late Payment Charge: The due date shall be 21 days following the date of mailing. A late payment charge of 1%, not compounded, of the unpaid balance, net of taxes, shall be added to any bill which is delinquent. A delinquent account is a bill which remains unpaid at least 5 days after the due date of the bill.

(continued on Sheet 162.52)

OPTIONAL OFF-PEAK SERVICE MOP-1

Applicable: All areas served.

Availability: Available on an optional basis to any Residential or Commercial General Service customer *receiving service according to Schedule SSS-1,* for single- or three-phase service for loads which will be metered separately and will be controlled by the customer and energized only for the hours from 9:00 p.m. to 7:00 a.m. daily.

Electric Supply Service: Under this service schedule, the Company shall provide Electric Supply Service according to System Supply Service SSS-1.

Rate:

Customer Charge:

Single Phase	\$3.00 per month
Three Phase	\$8.00 per month

Energy Charge: - *Secondary Voltage*	1.20 ¢ per kWh
Energy Charge Discount: - Primary Voltage	2.0 %

Electric Supply Service: for System Supply Service, see Schedule SSS-1

Minimum Net Monthly *Charge*: *The Customer Charge unless otherwise provided by contract.*

Late Payment Charge: The due date shall be 21 days following the date of mailing. A late payment charge of 1%, not compounded, of the unpaid balance, net of taxes, shall be added to any bill which is delinquent. A delinquent account is a bill which remains unpaid at least 5 days after the due date of the bill.

Terms and Conditions of Service:

1. Optional Off-Peak Service shall be separately served and metered and shall at no time be connected to facilities serving customer's other loads.
2. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.
3. Customer selecting Optional Off-Peak Service must normally remain on this service for a minimum term of one year.
4. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Any additional expenditures required for off-peak service must be justified by the anticipated off-peak revenues or by payments by customer to Company.
5. *A Non-Authorized Energy Use Charge* shall be applied to outside of the energized time period ~~specified in~~ this tariff. If this energy use occurs during three or more billing months, the Company reserves the right to remove the customer from Optional Off-Peak Service.

(Continued on Sheet No. 167)

MUNICIPAL PUMPING SERVICE MPA-1

Applicable: All areas served.

Availability: This schedule is available for municipal pumping purposes including incidental heating and lighting of buildings and premises in connection with the municipality's water system or sewage system. *For customers who receive service according to Schedule SSS-1,* execution of a contract is required for an initial term of not less than five years with a clause providing for automatic renewal for successive terms of one year each.

Type of Service:
Service may be single- or three-phase, 60 hertz, alternating current at transmission, primary, or secondary voltage. Transmission or primary service is provided only at the option of the Company and will be made at the voltage available in the locality being served.

Electric Supply Service: Customers may choose to have Electric Supply Service from an AES according to Customer Supply Service CSS-1 and Retail Access Service Tariff RAS-1. Customers that do not choose an AES shall be provided Electric Supply Service by the Company according to System Supply Service SSS-1.

Rate:

Customer Charge *with Energy-Only Meter:*
(Normal Metering Configuration)

Single Phase	$ 7.50 per month per point of delivery
Three Phase	$ 12.50 per month per point of delivery

Customer Charge with Interval Demand Meter:
*(CSS-1 Metering For Large Customers *)*

Single Phase	*$ 13.25 per month per point of delivery*
Three Phase	*$ 18.25 per month per point of delivery*

Distribution Delivery Charge:

Secondary Voltage	*2.69 ¢ per kWh*

Electric Supply Service Options:

for System Supply Service,	*see Schedule SSS-1*
for Customer Supply Service,	*see Schedule CSS-1*

(Continued on Sheet no. 169)

Issued by Effective

J. L. Larsen
President
Eau Claire, Wisconsin

Issued Under Authority Of The
Michigan Public Service Commission
dated
in Case No.

MUNICIPAL PUMPING SERVICE MPA-1

(continued from Sheet No. 168)

Minimum Net Monthly Charge: *The Customer Charge unless otherwise provided by contract.*

Cumulative Billing:

1. All electric energy required for sewage treatment or pumping purposes for a given community may be cumulated for billing purposes.

2. All electric energy required for water pumping purposes for a given community may be cumulated for billing purposes.

3. Cumulative billing will be permitted individually for each of the two conditions above, when all standard regulations are complied with and filed rental charges are paid by the community for all extra meters over and above the one meter ordinarily provided by the Company for service at one point of delivery.

** Metering and Telephone Connection Requirements: Interval Demand Metering is mandatory for customers who choose an AES, who are served under schedule CSS-1 and who have a Maximum Demand in excess of 25 kW. Further terms and conditions for metering and telephone connections are specified in the Retail Access Service Tariff RAS-1, Section 2.5-Metering and Load Profiling.*

Customer Switching Service Charge: A Customer may switch Electric Suppliers, subject to a switching fee as specified according to the Retail Access Service Tariff RAS-1, Section 2.4-Customer Enrollment and Switching.

Late Payment Charge The due date shall be 21 days following the date of mailing. A late payment charge of 1%, not compounded, of the unpaid balance, net of taxes, shall be added to any bill which is delinquent. A delinquent account is a bill which remains unpaid at least 5 days after the due date of the bill.

Rate Code

C32

Issued by

J. L. Larsen
President
Eau Claire, Wisconsin

Effective

Issued Under Authority Of The
Michigan Public Service Commission
dated
in Case No.

OPEN ACCESS CUSTOMER SUPPLY SERVICE CSS-1

Applicable to: All areas served.

Availability: This service is available to an AES to serve either a Customer or group of aggregated Customers with a total monthly Maximum Demand greater than or equal to 1,000 kW. An AES must have the appropriate license approval from the Commission. The AES and Customer(s) must comply with all statutory and regulatory requirements, state and federal law and must enter into certain agreements, specified herein, to the satisfaction of the Company.

Retail Access Service Tariff: Service according to this schedule is subject to the terms and conditions contained in Retail Access Service Tariff RAS-1, as set forth beginning on Sheet Number 195.

Conditions of Service: The AES's contracted Electric Supply shall provide for Customer's hourly load plus associated Electric Losses incurred on the Company's Electric Distribution System.

Summary of Requisite Agreements: An AES requesting CSS-1 service must comply with the Retail Access Service Tariff RAS-1, including but not limited to the terms set forth in the AES Section 3.0. The AES must execute agreements addressing conditions pertaining to, but not necessarily limited to:

1. service with the appropriate transmission and ancillary service providers;

2. provision, retention and exchange of confidential Customer Information in accordance with Section 2.3 of Retail Access Service Tariff RAS-1;

3. supply, scheduling and receipt of electricity to be delivered to the Company at the Company's Distribution Point of Receipt.

Customer Qualification to be served under CSS-1: An AES can only serve customers under CSS-1, who have met the following eligibility criteria.

1. A Customer's eligibility to be served is subject to the full satisfaction of any terms or conditions as described under Section 2.0 of Retail Access Service Tariff RAS-1

2. A Customer will specify only one AES at any given time for Electric Supply to each Customer Account or Customer location.

(Continued on Sheet No. 189)

OPEN ACCESS CUSTOMER SUPPLY SERVICE CSS-1

(Continued from Sheet No. 188)

Provision of Distribution Losses by AES:
The AES shall be responsible for the provision of Electricity Supply Distribution System Losses associated with the delivery of electricity to the Customer's Location. The total amount of Electricity to be delivered to the Company's Distribution Point of Receipt shall be equal to the Customer's Load at the Distribution Point of Delivery multiplied times the appropriate Loss Multiplier to account for Electricity Supply Losses on the Company's Distribution System. The Loss Multipliers are found in Retail Access Service Tariff RAS-1, Section 3.6.

System Power Factor Charges: Customers receiving distribution service according to service schedules MCI-1 and MI-1 and who receive power supply service through an AES are subject to power factor charge provisions of the distribution service schedules. These provisions charge for system power factor improvements required for all Company's distribution customers.

Term and Form of Contract and Prior Notice Provisions: All service under this schedule shall require a written Customer Supply Service Agreement between Company and a Customer's AES. The contract must be approved by an Officer of the Company or a duly authorized agent before such agreement shall be binding on the Company. If Customer desires to transition from an AES to Company provided System Supply Service schedule SSS-1, Customer or Customer's AES must contact Company al least six months prior to the date that Customer desires to switch to SSS-1 service.

Rate Code:

SUPPLY DEFAULT SERVICE SDS-1

Applicable to: All areas served.

Availability and Prior Notice Requirements: This service is available, on a best-efforts basis to a customer who has been served according to CSS-1 and who either requires Default Service or who is requesting System Supply Service SSS-1 with less than six months prior notice given to Company. The Company is not required to build or to purchase capacity for a period of more than six months or to interrupt firm Customers to provide service under this schedule.

Conditions for Mandatory Service: Customer must sign a Supply Default Service Agreement with Company as part of the process of switching to an AES. This service is mandatory for a customer who has been served by an AES according to CSS-1 and who has neither an AES provided Electric Supply nor a Company provided Electric Supply according to System Supply Service schedule SSS-1. Company will, on a best efforts basis, provide Electric Supply service to Customer. Customer is obligated to pay Company for all costs associated with Company providing Customer with Electric Supply.

Retail Access Service Tariff: Service according to this schedule is subject to the terms and conditions contained in Retail Access Service Tariff RAS-1. Specifically, section 2.6 of Retail Access Service Tariff RAS-1 describes additional conditions under which a Customer may receive Default Service.

Type of Service: Under Supply Default Service, Company is committed to provide, if available, Electric Supply to meet Customer's load. This supply is delivered to Company's Distribution Point of Receipt in amount equal to customer's load at the Distribution Point of Delivery plus applicable Distribution System Electricity Supply Losses as specified on Sheet No. 189 of service schedule CSS-1.

Term and Nature of Contract: The maximum term for default service is six months. Upon completion of service under Supply Default Service, a customer must either switch to an AES or must receive service according to System Supply Service SSS-1.

Supply Default Service Charge: The price for each hour of usage under this schedule shall be the greater of:

1. The Company's applicable System Supply Service rate for the Customer(s) according to Schedule SSS-1, or
2. 110 percent times the sum of Company's highest hourly incremental cost of any purchases of Power and allocated capacity costs associated with any purchases utilized to meet the Customer(s) hourly electricity load plus distribution losses, plus applicable transmission charges, or
3. 110 percent times the sum of Company's highest hourly incremental cost of generation and allocated capacity costs associated with generation utilized to meet the Customer(s) hourly electricity load plus distribution losses, plus applicable transmission charges.

Rate Code:

SYSTEM SUPPLY SERVICE SSS-1

Applicable to: All areas served.

Availability: This service is available, subject to certain conditions, for Electric Supply to be provided by Company to any retail electric Customer served according to the schedules listed below.

System Supply Service Charges: Charges for this service include the costs of both Transmission and Generation. System Supply Service is offered, subject to terms and conditions as specified both herein and in the individual Customer Service Schedules.

1. Charges for Residential General Service MR-1:
   Demand and Energy Charge — 4.01 ¢ per kWh

2. Charges for Small Commercial Service MSC-1:
   Demand and Energy Charge — 4.22 ¢ per kWh

3. Charges for Residential Time-of-Day Service MR-2:
   On-Peak Demand and Energy Charge — 9.83 ¢ per kWh
   Off-Peak Demand and Energy Charge — 0.26 ¢ per kWh

4. Charges for Small Commercial Time-of-Day Service MSC-2:
   On-Peak Demand and Energy Charge — 9.83 ¢ per kWh
   Off-Peak Demand and Energy Charge — 0.26 ¢ per kWh

5. Charges for Commercial Industrial General Service MCI-1:
   Demand Charge -Secondary Voltage — $ 5.28 per kW/mo.
   -Primary Voltage — $ 5.05 per kW/mo.

   Energy Charge - Secondary Voltage — 2.44 ¢ per kWh

   Energy Charge Discount (before adjustment for Power Supply Cost Recovery)
   -Primary Voltage — 2.0%

   Energy Charge Credit per Month
   All kWh in Excess of 400 Hours times the Billing Demand, not to Exceed 50 Percent of Total kWh — 0.600 ¢ per kWh

(Continued on Sheet No. 192)

SYSTEM SUPPLY SERVICE SSS-1

(Continued from Sheet No. 191)

System Supply Service Charges: (continued)

6. Charges for Large Industrial Service MI-1:

On-Peak Demand Charge:

- Secondary	$ 6.75 per kW/mo.
- Primary	$ 5.65 per kW/mo.
- Transmission Transformed	$ 5.20 per kW/mo.
-Transmission Untransformed	$ 5.17 per kW/mo.

Energy Charge:- On-Peak-Secondary	3.24 ¢ per kWh
- Off-Peak-Secondary	1.75 ¢ per kWh

Energy Charge Discount (before adjustment for Power Supply Cost Recovery)

- Primary	2.0 %
- Transmission Transformed	5.5 %
- Transmission Untransformed	6.0 %

Energy Charge Credit per Month:
All kWh in Excess of 400 Hours times the On-Peak Period Billing Demand, not to Exceed 50 Percent of Total kWh 0.600¢ per kWh

7. Charges for Optional Off-Peak Service MOP-1:

Energy Charge - Secondary Voltage 1.62 ¢ per kWh

Non Authorized Energy Use Charge 20.00 ¢ per kWh

Energy Charge Discount (before adjustment for Power Supply Cost Recovery)
-Primary Voltage 2.0%

8. Charges for Municipal Pumping Service MPA-1:

Energy Charge - Secondary Voltage 3.51 ¢ per kWh

9. Charges for Peak Controlled Time-of-Day Service MPC-1:

On-Peak Firm Demand Charge:

- Secondary	$ 6.75 per kW/mo.
- Primary	$ 5.65 per kW/mo.
- Transmission Transformed	$ 5.20 per kW/mo.
-Transmission Untransformed	$ 5.17 per kW/mo.

(Continued on Sheet No. 193)

SYSTEM SUPPLY SERVICE SSS-1

(Continued from Sheet No. 192)

System Supply Service Charges: (continued)

9. Charges for Peak Controlled Time-of-Day Service MPC-1: (continued)

On-Peak Controlled Charge:

- Secondary	\$ 3.68 per kW/mo.
- Primary	\$ 2.58 per kW/mo.
- Transmission Transformed	\$ 2.13 per kW/mo.
-Transmission Untransformed	\$ 2.10 per kW/mo.

Energy Charge:- On-Peak-Secondary	3.24 ¢ per kWh
- Off-Peak-Secondary	1.75 ¢ per kWh

Energy Charge Discount (before adjustment for Power Supply Cost Recovery)

- Primary	2.0 %
- Transmission Transformed	5.5 %
- Transmission Untransformed	6.0 %

Energy Charge Credit per Month:
All kWh in Excess of 400 Hours times the On-Peak Period Billing Demand, not to Exceed 50 Percent of Total kWh 0.600¢ per kWh

10. Charges for Peak Controlled General Service MPC-2:

On-Peak Firm Demand Charge:

- Secondary	\$ 5.28 per kW/mo.
- Primary	\$ 5.05 per kW/mo.

On-Peak Controlled Demand Charge:

- Secondary	\$ 2.21 per kW/mo.
- Primary	\$ 1.98 per kW/mo.

Energy Charge - Secondary Voltage 2.44 ¢ per kWh

Energy Charge Discount (before adjustment for Power Supply Cost Recovery)
-Primary Voltage 2.0%

Energy Charge Credit per Month
All kWh in Excess of 400 Hours times the Billing Demand, not to Exceed 50 Percent of Total kWh 0.600 ¢ per kWh

(continued on Sheet No. 194)

SYSTEM SUPPLY SERVICE SSS-1

(Continued from Sheet No. 193)

Power Supply Cost Recovery Factor: All System Supply Service energy charges listed above are subject to the Company's Power Supply Cost Recovery Factor as set forth on Sheet Number 182 and shall apply to all kilowatt-hours billed under System Supply Service SSS-1.

Switching from Customer Supply Service CSS-1 to System Supply Service SSS-1:
Customer may initiate the return to System Supply Service by contacting either the Company directly or through Customer's AES according to the terms and conditions contained in Retail Access Service Tariff RAS-1, and the following conditions:

1. Company has no obligation to verify that the Customer is eligible to terminate the service under the terms of the Customer's contract with its AES, nor is the Company under any obligation to enforce any aspects of contract between Customer and AES.

2. If the Customer provides Company or AES with at least six months notice prior to the return to System Supply Service, then the Customer will be allowed to return to any service for which customer qualifies.

3. Customers requesting to return to System Supply Service and providing the Company with less than six months prior notice, shall first be served according to Schedule SDS-1 until such time that customer meets Schedule SSS-1 prior notice requirements. Company reserves the right to waive the six months prior notice requirement for Customer to return to System Supply Service.

4. The returning Customer must stay on System Supply Service for a minimum period of 12 months from the date of switching to schedule SSS-1.

5. When the Customer returns to System Supply Service due to change in business activities of the AES, or the AES's complete withdrawal from the Michigan Upper Peninsula market, the minimum stay may be waived. Complete withdrawal means the AES can not return to providing Customer Supply Service for 18 months.

STANDARD RULES AND REGULATIONS

(Continued from Sheet No. 36)

(3) Refunds - During the five- (5) year period immediately following the date of payment, the Company will make refunds of the charges paid for a financed extension under provisions of paragraph (1), Sheet Number 36. The amount of any such refund shall be $500 for each permanent electric service subsequently connected directly to the facilities financed by the customer. Directly connected customers are those which do not require the construction of more than 300 feet of lateral primary distribution line. Such refunds will be made only to the original contributor. The total refund shall not exceed the refundable portion of the contribution.

B. Commercial, Industrial or Street Lighting Service

(1) Company Financed Extensions - The Company will finance the construction cost necessary to extend its facilities to serve commercial, industrial, or street lighting customers, when such investment does not exceed two (2) times the estimated additional annual *distribution* revenue anticipated to be collected from customers or street lighting units initially served by the extension or installation. *Distribution revenues are those revenues generated by customer and distribution related charges, not including revenues generated by power supply related charges. For customers who receive service according to a bundled service schedule, revenue tests shall be based upon total annual revenues rather than distribution revenues.*

(2) Charges - When the estimated cost of construction of such facilities exceeds the Company's maximum initial investment as defined in paragraph B. (1) above, the applicant shall be required to make a deposit in the entire amount of such excess construction costs. Owners or developers of mobile home parks shall be required to deposit the entire amount of the estimated cost of construction, subject to the refund provisions of paragraph B.(3), Sheet Number 38.

(continued on Sheet No. 38)

STANDARD RULES AND REGULATIONS

(Continued from Sheet No. 37)

(3) Refunds - The Company will make refunds on deposits collected under the provisions of paragraph B. (2), Sheet Number 37, in cases where actual experience shows that the electric revenues supplied by the customer are sufficient to warrant a greater initial investment by the Company. Such refunds shall be computed as follows:

(a) Original Customer
At the end of the first complete twelve-(12) month period immediately following the date of initial service, the Company will compute a revised initial investment based on two (2) times the actual *distribution* revenue provided by the original customer(s) in the twelve-(12) month period. Any amount by which twice the actual annual *distribution* revenue exceeds the Company's initial investment will be made available for refund to the customer; no such refund shall exceed the amount deposited under provisions of paragraph B. (2), Sheet Number 37. *Distribution revenue is defined in Paragraph B. (1), Sheet Number 37.*

(b) Refunds for additional new customers directly connected to the financial extension during the refund period will be governed by paragraph 2.A.(3), Sheet Number 37.

C. Service Extensions to Loads of Questionable Permanence

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

(1) Charges - Prior to commencement of construction, the customer shall make a deposit with the Company in the amount of the

(continued on Sheet No. 39)

STANDARD RULES AND REGULATIONS

(Continued from Sheet No. 38)

Company's estimated construction and removal costs less salvage. Such estimates shall include the cost of extending the Company distribution facilities and of increasing capacity of its existing facilities to serve the customer's load.

(2) Refunds - At the end of each year the Company will make a refund on the amount deposited from revenues derived from the customer for electric service from the facilities covered by the deposit. The amount of such refund for any given year or part thereof shall be computed as follows:

(a) Year-to-year for the first four years of the deposit period.
(1a) Twenty percent (20%) of the deposit if this amount is equal to or less than 20% of the new annual *distribution* revenue, excluding fuel adjustment and s ales tax revenues.

(2a) Twenty percent (20%) of the new annual *distribution* revenue, excluding fuel adjustment and sales tax revenues if this amount is less than 20% of the deposit.

(b) The final year of the five-year refund period.
(1b) If at the end of the five-year refund period the total *distribution* revenue for that period, excluding fuel adjustment and sales tax revenues, is equal to or greater than five (5) times the original deposit, the balance of the deposit will be refunded.

(2b) If at the end of the five-year refund period the total *distribution* revenue, excluding fuel adjustment and sales tax revenues, is less than five (5) times the original deposit, the refund for the fifth year will be applied in accordance with (1a) or (2a) above.

Distribution revenue is defined in Paragraph B. (1), Sheet Number 37. No refund is to be made in excess of the deposit and the deposit shall bear no interest.