

D2. Large Commercial & Industrial Service

Cp-U

WHO MAY TAKE SERVICE:

This schedule is applicable to customers whose monthly demand is equal to or greater than 200 kW for three consecutive months and at least once in each succeeding 12 month period and others taking standby service. This service is not available for customers required to take service under the Power Supply Default Service. Customers taking service under the Retail Access Service Tariff (RAST) shall be responsible for the Distribution Charges but not the Power Supply Charges under this rate schedule. Customers that purchase power supply service from the Company shall be subject to both the Distribution and Power Supply charges contained in this rate schedule.

Customers that take service directly from the company-owned substation (i.e. Company owns no distribution facilities downstream of substation) will be classified as Transmission and receive the Substation Transformer Capacity charge.

MONTHLY RATE

		Secondary	Primary	Transmission
<u>DISTRIBUTION SERVICE</u>				
<u>Customer Charge:</u>				
R	Monthly	\$500.00	\$650.00	\$1500.00
R	Daily	\$16.4383	\$21.3698	\$49.3150
 <u>Demand Charge</u>				
R	1. <u>Customer Demand:</u> \$/KW Per KW of maximum demand during the current and preceding 11 months, plus,	\$5.87	\$3.43	\$0.00
R	2. <u>On-Peak</u> Firm Demand: \$/KW	\$6.18	\$3.62	\$2.66
R	Interruptible Demand: \$/KW	\$6.18	\$3.62	\$2.66
7:00 AM to 11:00 PM; Monday through Friday (except holidays).				
R	<u>Substation Transformer Capacity:</u> \$/kVA			\$1.04
R				

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UPPER PENINSULA POWER COMPANY

MPSC Vol No 8-ELECTRIC

7th Rev. Sheet No. D-25.20
Replaces 6th Rev. Sheet No. D-25.20

D2. Large Commercial & Industrial Service		Cp-U		
Continued from Sheet No. D-25.10				
		Secondary	Primary	Transmission
<u>POWER SUPPLY SERVICE (Optional)</u>				
	<u>On-Peak</u>			
	<u>Firm Demand: \$/kW</u>			
R	Capacity	\$4.38	\$4.16	\$4.03
R	Non-Capacity	\$0.41	\$0.39	\$0.38
R	Total	\$4.79	\$4.55	\$4.41
	<u>Interruptible Demand: \$/kW</u>			
R	Capacity	\$0.38	\$0.16	\$0.03
R	Non-Capacity	\$0.04	\$0.02	\$0.003
R	Total	\$0.42	\$0.18	\$0.033
	7:00 AM to 11:00 PM; Monday through Friday (except holidays).			
	<u>Energy Charge</u>			
	1. <u>On-Peak</u>			
R	<u>Energy Charge:\$/kWh</u>	\$0.07203	\$0.06943	\$0.06689
	7:00 AM to 11:00 PM; Monday through Friday (except holidays).			
	2. <u>Off-Peak</u>			
R	<u>Energy Charge:\$/kWh</u>	\$0.04683	\$0.04513	\$0.04348
	11:00 PM to 7:00 AM; Monday through Friday, all day Saturday, Sunday, and holidays.			
	<u>MINIMUM CHARGE</u>			
	The monthly minimum charge is the customer charge, demand charges, substation charges and the energy optimization charge.			
	<u>POWER SUPPLY COST RECOVERY CLAUSE</u>			
	This rate is subject to the Company's Power Supply Cost Recovery shown on Sheet No. D-3.00.			
	<u>PRIMARY & TRANSMISSION CHARGES</u>			
	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 is subject to the company's inspection and approval.			
	<u>ENERGY OPTIMIZATION</u>			
	This rate is subject to the Energy Optimization Surcharge shown on Sheet No. D- 73.00.			
	<u>DEFINITIONS</u>			
	For customers with company metering equipment installed at:			
	Secondary	Under 6,000 volts		
	Primary	6,000 volts to 15,000 volts, inclusive		
	Transmission	Over 15,000 volts		
	Continued to Sheet No. D-25.30			

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D2. Large Commercial & Industrial Service Rules

Cp-U

Continued from Sheet No. D-25.20

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

STANDBY SERVICE

Where service is made available to loads which can be served by a source of power other than the company's (excluding emergency standby maintained in the event of failure of company's supply), billing shall be at the above rate, but the monthly minimum demand charge (total of customer demand charge, on-peak demand charge, and substation transformer capacity charge) for standby service shall be not less than the following per KW of contracted demand:

Cp-U Secondary: \$3.50
Cp-U Primary: \$2.75
Cp-U Transmission: \$2.00

This standby service clause assumes that standby customers shall schedule normal maintenance of the customer-owned source of power during periods of the year that are satisfactory to the company. Accordingly, customers shall advise the company of planned maintenance with as much advance notice as possible. These waivers are granted on a conditional basis. The company will rescind the waiver of increased demand during times of emergency interruptions. The company shall confirm in writing the maintenance schedule that is satisfactory to both parties.

The portion of the on-peak demand shall be billed on a prorated basis on a \$/KW/day basis as shown below.

Pro-ration Formula - Firm Load:

$$\text{On Peak Demand Charge} * \frac{\text{Number of Approved Nonholiday Weekdays in Billing Cycle}}{\text{Number of Nonholiday Weekdays in Billing Cycle}}$$

Pro-ration Formula - Interruptible Load:

$$\text{Variable Interruptible Demand Charge} * \frac{\text{Number of Approved Nonholiday Weekdays in Billing Cycle}}{\text{Number of Nonholiday Weekdays in Billing Cycle}}$$

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Continued to Sheet No. D-25.40

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D4. Large Commercial & Industrial Service Rules**Cp-U**

Continued from Sheet No. D-25.30

N These billing benefits shall only apply to the unusual portion of the customer's
 N monthly demand. All demands except that portion of the peak load demand
 N resulting from a company-approved maintenance schedule shall be billed as
 N standard normal demand in accordance with all other sections of this rate
 N schedule. The above clause shall not apply to customer-owned generation served
 N under the Standby Service clause of this rate schedule and/or Maintenance Rate
 N of any net metering or parallel generation rate schedule because customers
 N served under these clauses have similar provisions within their clauses.

N If the highest demand in any month exceeds the contract demand, the minimum
 N demand charge shall thereafter be based on the highest actual demand. The
 N company may install suitable devices to limit the actual demand to the contract
 N demand and may limit size of standby load to be served under this rate to the
 N available system capacity at the customer's location.

REACTIVE LOAD

The customer shall keep his lagging reactive load at a level that does not exceed his Kw demand and shall not operate with a leading reactive load.

SHORT TERM SERVICE

Short term and temporary service is available to customers requiring service for less than annual periods.

1. a) For holiday/decorative lighting see Schedule SL-X,
 b) For special events or construction see Sheet No. C-19.00, Section III - Line Extension Construction Policy Temporary Service.
2. Standard proration rules shall apply to the initial and final billing periods.
3. At the expiration of any month, the customer may cancel his contract for service under these provisions and may contract for one year or more under the standard rate applicable to his service.

VARIATION OF DEMAND

Variation of customer load shall be limited to time changing demand levels which are within system standards of operation as established by the company. Failure to take service in a manner which meets these standards may result in discontinuation of service.

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D4. Large Commercial & Industrial Service Rules

Cp-U

Continued from Sheet No. D-25.40

DETERMINATION OF DEMAND

The customer demand in kilowatts shall be the highest single 15 minute integrated load observed or recorded during the current or preceding 11 months. For new Cp-U customers, this demand provision applies on and after the date of transfer to this rate schedule.

The on-peak billing demand in kilowatts shall be the highest single 15 minute integrated load observed or recorded during each respective time period in the month, provided that no billing demand shall be less than 60% of the highest billing demand of the preceding 11 months and, in no case, less than 200 Kw.

Unusual on-peak billing demands approved by advance authority from the company shall be billed but will not be considered in the determination of the 60% ratchet. Customer requests for unusual demands shall be made in advance with as much allowance as possible. The advance authorization from the company shall be confirmed in writing.

HOLIDAYS

The days of the year which are considered holidays are: New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day and Christmas Day.

ESTIMATION PROCEDURE

In the event of loss of data for calculation of one or more billing parameters, the company shall forecast on the basis of historic billing parameters to obtain an estimate of current month's billing parameters. This estimate shall be subject to modification or replacement based on known and quantifiable operating conditions of the current month.

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