

# Madison Gas and Electric Company Electric - Volume 4

Revision: 3 Amendment: 382 Sheet E-4.5.0 Schedule Cg-6

## Commercial and Industrial Lighting and Power: Large Annual High Load Factor Service

#### **AVAILABILITY**

This rate schedule is available for commercial and industrial customers with a customer maximum monthly 15-minute demand in excess of 1,000 kW and a minimum annual load factor of 60 percent.

If a customer receives service through more than one electric meter at a single location, the amount of electricity (demand and energy) supplied through all such meters will be combined in applying this rate when the criteria set forth in Combining Meters, below, are met.

#### RATE

	Summer	Winter	
Grid connection and customer service charge per day	\$30.00000	\$30.00000	R
Distribution service:			
Customer maximum 15-minute demand per kW per day	\$0.10717	\$0.10717	R
Distribution charge per kWh	\$0.00864	\$0.00864	
Electricity service:			
Maximum monthly on-peak 15-minute demand per kW per day	\$0.48904	\$0.40050	R
On-peak period 1 energy adder, per kWh	\$0.02022	\$0.01999	
On-peak period 2 energy adder, per kWh	\$0.02948	\$0.01725	
On-peak period 3 energy adder, per kWh	\$0.02432	\$0.02139	
Base energy all kWh, per kWh	\$0.06838	\$0.06838	

Summer rates are effective from June 1 through September 30. Winter rates are all times of the year other than the defined summer season.

## **RATE PROVISIONS**

If a new customer satisfies the availability requirements for any or all of the following provisions, and service under such provision(s) would reduce the customer's bill, then the customer will automatically be served on such provision(s).

Provision	Sheet
Low Load Factor Provision	E-9.1
Primary Voltage Provision	E-9.2

## MINIMUM MONTHLY CHARGE

The minimum monthly charge will be the grid connection and customer service charge plus the demand charge for the customer maximum 15-minute demand multiplied by the number of days in the billing period.

## **PAYMENT**

Payment is due not later than the due date shown on the bill. Any Company billing charges unpaid after the due date will be subject to a late payment charge as described in the Company's electric service rules under Late Payment Charge.

## PRICING PERIOD DEFINITIONS

On-Peak Period 1	10 a.m. through 1 p.m.: Monday through Friday, excluding holidays.
On-Peak Period 2	1 p.m. through 6 p.m.: Monday through Friday, excluding holidays.
On-Peak Period 3	6 p.m. through 9 p.m.: Monday through Friday, excluding holidays.
Base Energy Period	Includes all hours of all days.
Holidays	New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving,



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### **DETERMINATION OF DEMAND**

- 1. All monthly demand and energy usage will be measured by recording demand meters installed and maintained by the Company. Estimates made by the Company, based on historic records plus known load characteristics, will be used for billing purposes if meter failure occurs.
- 2. The customer maximum 15-minute demand will be the greatest rate at which electrical energy has been used during any period of 15 consecutive minutes in the current or preceding 11 billing months. A customer will no longer qualify for this rate schedule if the customer maximum 15-minute demand is not greater than 1,000 kW. When that occurs, the customer will be transferred to the applicable rate schedule.
- 3. The maximum on-peak 15-minute demand will be the greatest rate at which electrical energy has been used during any on-peak period of 15 consecutive minutes in the billing month.

## **DETERMINATION OF 60 PERCENT LOAD FACTOR MINIMUM**

Load factor as used in this rate schedule will be defined by the following formula:

Annual kWh = Load Factor Customer Maximum 15-Minute Demand x 8,760

In order to qualify for the rate, a customer must have a minimum annual load factor of 60 percent based on actual or estimated usage. Estimated usage will be used only when there is a new customer without 12 months of usage.

A customer will no longer qualify for this rate schedule based on the load factor criteria when the annual load factor as calculated above falls below 0.60 for 12 consecutive billing months. The customer will be transferred back to the Cg-2 rate schedule when that occurs.

Customers can be transferred to Cq-2 at any time when it is determined that the Cq-2 rate is cheaper for the customer on an annual basis.

#### CHARACTER OF SERVICE

For lighting and power service, 60-cycle, alternating current is provided at the voltage levels specified in the Company's electric service rules and regulations.

## SPECIAL TERMS AND PROVISIONS

Customers who have their meters turned off and back on within a 12-month period will pay the minimum monthly charges, applicable to the customer, for the months while service was not being used.

#### **HIGH TEST DEMAND WAIVER**

This waiver is applicable to infrequent and short duration tests of customer loads in excess of 200 kW. The customer must request and get approval from the Company prior to receiving a waiver for any increase in their on-peak demand charges caused by the test load.