

## Residential Electric

### Applies to

Residential customers in noncommercial dwellings for all domestic and noncommercial uses including lighting, heating, cooking, refrigeration, household appliances, air conditioning, and/or individual motors of 5 hp or less. If the customer regularly uses a portion of the electricity for business purposes, all energy used is nonresidential, unless the customer provides separate circuits to permit the separate metering and billing of energy used in the residential portion.

### Character of Service

AC; 60 cycles, single phase; 120/240 volts.

### Monthly Rate

Facilities Charge .....\$10.00  
Energy Charge .....7.335¢ per kWh  
*Energy Adjustment Clause Applies*

### Electric Heat Discount

Customers using permanent electric heat qualify for a 1¢ per kWh discount for all electric use over 700 kWh per month. This discount is effective October through May. The electric home heating system must be installed permanently and must be the only heat source in the residence.

### Electric Water Heater Discount

Customers using electric water heaters (30-gallon capacity or greater) qualify for a 10 percent discount on their total monthly energy charge before the electric heat discount. The maximum discount is \$5.50 per month. When the water heater has a tank capacity of less than 50 gallons, we recommend a fast-recovery type with heating elements of not less than 3,000 watts. We also recommend operating at a nominal voltage of 240 volts.

Discounts will not apply to any EAC charge or the facility charge.

**Minimum Bill** .....\$10.00 per month

## Commercial I Electric

### Applies to

Commercial customers and multifamily dwellings, unless separately metered, where the load is less than 75 kW demand. If only single-phase service is supplied, the individual motor size is limited to 5 hp. Each service is billed separately.

### Character of Service

AC; 60 cycles, single phase; 120/240 volts; and where available, three phase; 120/208 or 277/480 volts.

### Monthly Rate

Facilities Charge .....\$12.00  
Energy Charge .....7.535¢ per kWh  
*Energy Adjustment Clause Applies*

### Electric Heat Discount

In the months of October through May, customers using permanent electric heating may qualify for a 20 percent discount on the total monthly energy charge before the water heating discount. To qualify for this discount, at least 50 percent of the total electric load of the premise is the load of the building(s), which includes the permanent electric heating facilities. The electric heating system must be installed permanently and must be the only heat source in the building(s).

### Electric Water Heater Discount

Customers using electric water heaters (30-gallon capacity or greater) qualify for a 10 percent discount on the total monthly energy charge before the electric heating discount. The maximum discount is \$6.60 per month. When the water heater has a tank capacity of less than 50 gallons, we recommend a fast-recovery type with heating elements of not less than 3,000 watts. We also recommend operating at a nominal voltage of 240 volts.

Discounts will not apply to any EAC charge or the facility charge.

**Minimum Bill** .....\$12.00 per month

## Commercial II Electric

### Applies to

Customers with peak demand of 75 kW to 999 kW.

### Character of Service

AC; 60 cycles, three phase; 2,400/4,160 or 7,960/13,800 volts. Utility will furnish transformers for one step down only at one specified voltage for each transformer bank at 120/208, 277/480, or 2,400/4,160 volts. Customer supplies all service connections and extensions from transformer secondaries.

### Monthly Rate

Demand Charge .....\$5.45 per kW  
Energy Charge:  
First 200 kWh/kW of Actual Demand.....4.95¢ per kWh  
All Additional kWh Used Per Month.....3.398¢ per kWh  
*Energy Adjustment Clause Applies*

### Actual Demand

The actual demand is the highest integrated kW demand for any 30-minute period occurring in the current billing month plus any power factor adjustment.

### Power Factor

For billing purposes, the actual demand is increased by one percent for each one percent that the average monthly power factor is below 90 percent lag.

### Billing Demand

The billing demand is the greater of the actual demand in the current month or 75 percent of the highest actual demand in the preceding 11 months.

**Minimum Bill** .....The demand charge

## Industrial I Electric

### Applies to

Customers with peak demand of 1,000 kW to 7,499 kW.

### Character of Service

AC; 60 cycles, three phase; 2,400/4,160 or 7,960/13,800 volts. Utility will furnish transformers for one step down only at one specified voltage for each transformer bank at 120/208, 277/480, or 2,400/4,160 volts. Customer supplies all service connections and extensions from transformer secondaries.

### Monthly Rate

Demand Charge .....\$5.53 per kW  
Energy Charge:  
First 200 kWh/kW of Actual Demand.....5.00¢ per kWh  
All Additional kWh Used Per Month.....3.069¢ per kWh  
*Energy Adjustment Clause Applies*

### Actual Demand

The actual demand is the highest integrated kW demand for any 30-minute period occurring in the current billing month plus any power factor adjustment.

### Power Factor

For billing purposes, the actual demand is increased by one percent for each one percent that the average monthly power factor is below 90 percent lag.

### Billing Demand

The billing demand is the greater of the actual demand in the current month or 75 percent of the highest actual demand in the preceding 11 months.

### Contract

A contract may be required. Terms of contracts are from one to 10 years, subject to individual determination.

**Minimum Bill** .....The demand charge

## Industrial II Electric

### Applies to

Consumers with peak demand of 7,500 kW or more.

### Character of Service

AC; 60 cycles, three phase; 2,400/4,160 or 7,960/13,800 volts. Utility will furnish transformers for one step down only at one specified voltage for each transformer bank at 120/208, 277/480, or 2,400/4,160 volts. Customer supplies all service connections and extensions from transformer secondaries.

### Monthly Rate

Demand Charge .....\$6.42 per kW  
Energy Charge:  
First 200 kWh/kW of Actual Demand.....4.926¢ per kWh  
Additional kWh (up to 10 million) .....3.023¢ per kWh  
All Additional kWh Used Per Month.....2.886¢ per kWh  
*Energy Adjustment Clause Applies*

### Actual Demand

The actual demand is the highest integrated kW demand for any 30-minute period occurring in the current billing month plus any power factor adjustment.

### Power Factor

For billing purposes, the actual demand increases one percent for each one percent that the average monthly power factor is below 90 percent lag.

### Billing Demand

The billing demand is the greater of the actual demand in the current month or 75 percent of the highest actual demand in the preceding 11 months.

### Contract

A contract is required. Terms of contracts are from one to 10 years, subject to individual determination.

**Minimum Bill** .....The demand charge

## Energy Adjustment Clause

Effective January 1, 1999, we held the Energy Adjustment Clause at zero. Previously, electric prices varied from month to month depending on increasing or decreasing energy and coal costs. For example, if coal prices decreased, energy charges would decrease; and if coal prices increased, energy charges would increase. Holding the Energy Adjustment Clause at zero means that there will not be month-to-month price fluctuations. It provides more rate stability.

## Security Lights

**Monthly Rate** .....\$6.55

We require a one-year contract. The Utility furnishes and installs a 150-watt security light, one wooden pole, up to 120 feet of overhead conductor, and energy and maintenance for each security light agreement in areas served by overhead facilities. Any excess facilities require a one-time charge from the customer.

## Residential Water

### Monthly Rate

Facilities Charge .....\$8.67/month  
Commodity Charge  
All cubic feet.....87.7¢/CCF

**Minimum Bill**.....\$8.67

## Commercial Water

### Monthly Rate

Facilities Charge .....\$10.66/month  
Commodity Charge  
First 10 CCF .....66.30¢/CCF  
Next 490 CCF.....58.80¢/CCF  
Over 500 CCF.....51.60¢/CCF

### Minimum Bill

Meter Size:  
5/8 and 3/4 inch .....\$10.66  
1 inch.....\$19.45  
1-1/2 inch .....\$25.06  
2 inch and larger.....\$35.77

## Industrial I Water

### Applies to

Customers with monthly billing demand of 50,000 CCF to 500,000 CCF.

### Monthly Rate

Facilities Charge .....\$860/month  
Demand Charge .....9.96¢/CCF  
Commodity Charge .....14.53¢/CCF

**Minimum Bill**.....Facilities charge plus demand charge

### Demand Charge

The demand charge will be applied to the higher of:

1. The current month consumption adjusted to 30.4 days equivalent consumption.
2. The highest monthly consumption in preceding 11 months similarly adjusted to 30.4 days equivalent consumption.
3. Seventy-five percent of the highest monthly consumption occurring during the preceding five years (60 months) similarly adjusted to 30.4 days equivalent consumption.

## Industrial II Water

### Applies to

Customers with monthly billing demand greater than 500,000 CCF.

### Monthly Rate

Facilities Charge .....\$838/month  
Demand Charge .....9.71¢/CCF  
Commodity Charge .....11.40¢/CCF

**Minimum Bill**.....Facilities charge plus demand charge

### Demand Charge

The demand charge will be applied to the higher of:

1. The current month consumption adjusted to 30.4 days equivalent consumption.
2. The highest monthly consumption in preceding 11 months similarly adjusted to 30.4 days equivalent consumption.
3. Seventy-five percent of the highest monthly consumption occurring during the preceding five years (60 months) similarly adjusted to 30.4 days equivalent consumption.

### Sales Tax

MP&W assesses Iowa sales and local option taxes on electric and water bills when applicable.

### Late Payment Penalty

MP&W allows customers one late payment each year without penalty. We assess a penalty of 1.5 percent on the total electric and water balance for additional late payments in the same year.

*Electric service rates effective August 1, 2011.*

*Water service rates effective April 1, 2011.*

**Information is subject to change.**



# Electric & Water Rates



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