

# Electric & Water

RATES AND INFORMATION  
A P R I L 2 0 2 1

## MPW's low rates and high reliability benefit consumers, business and industry

Muscatine Power and Water (MPW) provides electric, water, and communications services within the city limits of Muscatine, as well as customers outside the city limits as approved by the Board of Trustees.

The MPW electrical service area covers 24 square miles, including Muscatine city limits and most of Fruitland. Unlike the electric service area, water and communications service areas are not regulated by the Iowa Utilities Board, and are therefore somewhat larger.

MPW's mission guides planning and operations to ensure that all three Utilities are reliable, responsible and ready. Our mission is to competitively meet the needs and expectations of our customer-owners with an environmentally responsible and unique mix of services for the direct benefit of our community.

Our core values of customer service, employees, environmental stewardship, financial stability, reliability, and safety guide us in this effort, supporting the growth and success of our service area by safely providing reliable utility services with rates at or below state and national averages.

Reliability is fundamental to helping local business and industry excel and enhancing all customers' daily lives. Utility outages are a rarity in Muscatine. MPW achieved a service availability track record of nearly 100% for all three Utilities — electric, water and communications, in 2020.

More than 11,000 customers count on us for electricity, water, and telecommunications services 24 hours a day, seven days a week. MPW is committed to delivering these services reliably, safely and at the lowest cost possible.

### Sales Tax

MPW assesses Iowa sales and local option taxes on electric and water bills when applicable.

### Fees and Penalties

#### Reconnection Fee

All electric and water customers will be charged the following rates for service reconnections.

**Standard Fee** for any utility ..... \$30.00

*Monday-Friday before 3:30 pm if disconnected at the pole.*

*Monday-Friday before 3:30 pm if disconnected at the meter.*

#### After Hours - including Late Night and Holidays

*If disconnected at the pole ..... \$100.00*

*If disconnected at the meter ..... \$100.00*

#### Late Payment Penalty

MPW 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, 2020.

Water service rates effective April 1, 2021.

**Information subject to change.**

FOR THE MOST UP TO DATE INFORMATION VISIT

[www.mpw.org](http://www.mpw.org)

## WATER SERVICE RATES

### Residential Water

Monthly Rate:	INSIDE CITY	OUTSIDE CITY
Facilities Charge .....	\$15.32/mo.	\$17.64/mo.
Commodity Charges:		
All cubic feet .....	\$1.1728/CCF	\$1.3487/CCF
<b>Minimum Bill</b> .....	\$15.32/mo.	\$17.64/mo.

### Commercial Water

Monthly Rate:	INSIDE CITY	OUTSIDE CITY
Facilities Charge		
5/8 and 3/4 inch.....	\$21.10/mo	\$24.27/mo.
1 inch .....	\$25.32/mo.	\$29.14/mo.
1-1/2 inch .....	\$33.75/mo.	\$38.84/mo.
2 inch and larger .....	\$42.20/mo.	\$48.55/mo.
Commodity Charges:		
First 500 CCF @ .....	83.52¢/CCF	96.04¢/CCF
Over 500 CCF @ .....	73.29¢/CCF	84.29¢/CCF

#### Minimum Bill:

Applicable Facilities Charge

### Industrial I Water

#### Applies to:

Customers with monthly billing demand of 35,000 CCF to 500,000 CCF.

#### Monthly Rate:

Facilities Charge.....\$1,383.72/mo.

Demand Charge.....15.77¢/CCF

Commodity Charge.....22.53¢/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.....\$1,554.99/mo.

Demand Charge.....16.42¢/CCF

Commodity Charge.....18.59¢/CCF

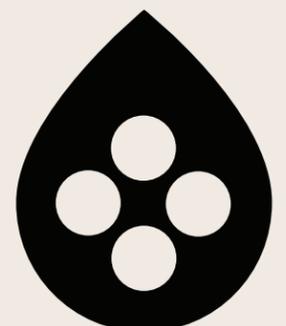
#### Minimum Bill:

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.



# MPW

3205 Cedar Street • Muscatine, IA 52761  
(563)263-2631 • [www.mpw.org](http://www.mpw.org)

# ELECTRIC SERVICE RATES

## Residential Electric

### Applies to

Residential customers in noncommercial dwellings for all domestic and non-commercial 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	\$19.02
Energy Charge	9.637¢ 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 770 kWh per month. This discount is effective October through May. The electric home heating system must be installed permanently and 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:** .....\$19.02 per month

## Commercial I Electric

### Applies to

Commercial customers and multifamily dwellings, unless separately metered, where the load is less than 50 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	\$22.19
Energy Charge	10.112¢ per kWh

*Energy Adjustment Clause Applies*

### Electric Heat Discount

In the months of October through May, customers using permanent electric heat may qualify for a 20 percent discount on the total monthly energy charge (excluding adjustment clause) before the water heating discount. To qualify for this discount, at least 50 percent of the total electric load of the premises is load of the building(s), which includes the permanent electric heat facilities. The electric heat 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 heat 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 3000 watts. We also recommend operating at a nominal voltage of 240 volts.

Discounts will not apply to any EAC or facilities charge.

**Minimum Bill:** .....\$22.19 per month

## Customer-Owned Generation

We are pleased to offer a Net Metering Program for customers who want the ability to generate their own electricity. You can count on MPW to continue to be there seamlessly when your energy needs are greater than energy produced by your co-generation unit.

## Residential & Commercial I Electric Service Rates – Net Metered

### Applies to

Customers with Utility approved customer-owned generating facilities (e.g., solar panels, wind turbines).

### Requirements

A Utility approved Interconnection Agreement for Net Metering for Small Parallel Generation is required.

### Rates

Visit: [mpw.org/customer-generation](http://mpw.org/customer-generation) for rate information.

## Security Lights

**Standard Monthly Rate** \$16.77

The Utility furnishes and installs a utility-owned security light, one wooden pole, up to 120 feet of overhead conductor, energy and maintenance for each security light agreement in areas served by overhead facilities. Any excess facilities require a onetime charge from the customer. The Utility reserves the right not to install a light where it is not practical and we require a one-year contract.

## Energy Adjustment Clause

The Energy Adjustment Clause (EAC) calculates the actual purchased energy cost and net wholesale margin (fuel cost less wholesale revenue) over 6 months per kWh of sales to retail customers. The base cost per kWh is subtracted from the actual cost per kWh. The difference represents the amount of the EAC and MPW's under-recovery per kWh of purchased energy cost, less net wholesale contribution, over that 6 month period.

## Commercial II Electric

### Applies to

Customers with peak demand of 50 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	\$9.49 per kW
Energy Charge:	
First 200 kWh/kW of Actual Demand	6.381¢ per kWh
All Additional kWh Used Per Month	4.380¢ 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	\$10.13 per kW
Energy Charge:	
First 200 kWh/kW of Actual Demand	5.969¢ per kWh
All Additional kWh Used Per Month	3.664¢ 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	\$9.83 per kW
Energy Charge:	
First 200 kWh/kW of Actual Demand	5.165¢ per kWh
Additional kWh (up to 10 million)	3.797¢ per kWh
All Additional kWh Used Per Month	3.660¢ 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 may be required. Terms of contracts are from one to 10 years, subject to individual determination.

**Minimum Bill:** The demand charge



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