RATES AND INFORMATION • APRIL 2020

WATER SERVICE RATES

MP&W’s low rates and high reliability benefit consumers, business and industry.

Muscatine Power and Water (MP&W) 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 MP&W 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.

MP&W’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 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. In 2018, MP&W achieved a service availability track record of nearly 100% for all three Utilities — electric, water and communications.

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

Sales Tax
MP&W 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.

<table>
<thead>
<tr>
<th>Service Description</th>
<th>INSIDE CITY</th>
<th>OUTSIDE CITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Fee</td>
<td>$10.00</td>
<td>$12.00</td>
</tr>
<tr>
<td>After Hours</td>
<td>$20.00</td>
<td>$22.00</td>
</tr>
</tbody>
</table>

Late Night and Holidays
After Midnight, on Sundays, on Thanksgiving and the Friday after Thanksgiving, on Christmas Eve and Christmas Day.

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<th>Service Description</th>
<th>INSIDE CITY</th>
<th>OUTSIDE CITY</th>
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<tbody>
<tr>
<td>Late Night</td>
<td>$322.00</td>
<td>$334.00</td>
</tr>
<tr>
<td>Holiday</td>
<td>$282.00</td>
<td>$290.00</td>
</tr>
</tbody>
</table>

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.

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Minimizing Costs

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<tr>
<th>Customer Type</th>
<th>INSIDE CITY</th>
<th>OUTSIDE CITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential</td>
<td>$15.00/mo.</td>
<td>$17.00/mo.</td>
</tr>
<tr>
<td>Commercial</td>
<td>$20.00/mo.</td>
<td>$22.00/mo.</td>
</tr>
<tr>
<td>Industrial I</td>
<td>$21.00/mo.</td>
<td>$23.00/mo.</td>
</tr>
<tr>
<td>Industrial II</td>
<td>$22.00/mo.</td>
<td>$24.00/mo.</td>
</tr>
</tbody>
</table>

More information can be found at www.mpw.org.

FOR THE MOST UP TO DATE INFORMATION VISIT www.mpw.org
## 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 0.5 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 $18.65 |
| Energy Charge $9.446c per kWh |

**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. These discounts will not apply to any EAC charge or the facility charge.

**Minimum Bill:** $18.65 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 $21.75 |
| Energy Charge $9.914c per kWh |

**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. These discounts will not apply to any EAC charge or the facility charge.

**Minimum Bill:** $21.75 per month

## 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 $8.96 per kW |

**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 $9.49 per kW |

**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.

**Minimum Bill:** The demand charge

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## Security Lights
**Standard Monthly Rate $16.44**
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 an extra-time 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) is computed on 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.

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**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 $8.96 per kW |

**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

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**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 $9.06 per kW |

**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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**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 MP&W to continue to be there seamlessly when your energy needs are greater than that produced by your co-generation unit.

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**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.

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**Muscatine Power and Water**
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