



**Electric and Heating Steam
Rates**

Adopted December 13, 2017

Effective January 1, 2018

Wyandotte Municipal Services

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Wyandotte, Michigan 48192
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WYANDOTTE MUNICIPAL SERVICES

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WYANDOTTE MUNICIPAL SERVICES

RESIDENTIAL RATE RATE R

APPLICABILITY

1. For Service to any individually metered family dwelling or unit (including the usual apartment buildings) devoted primarily to domestic, residential, household, and related services. Apartment units may not elect this rate unless each unit is separately metered.
2. Hotels, motels, boarding houses, dormitories, or other similar premises may not elect this rate.
3. When a portion of a residence or dwelling unit uses more than 50 kWh per month for non-residential use, this rate will not be applicable unless the non-residential usage is separately wired, metered, and billed under the appropriate Small Commercial or Large General Service rate.

CHARACTER OF SERVICE

60-cycle alternating current, single phase at a nominal voltage of 120/240 volts. Three-phase service may be supplied under certain circumstances at WMS option. Except that in certain City districts, at WMS discretion, alternating current may be supplied from a wye-connected secondary service from which 120/208 volts may be taken.

RATE

Customer Charge:

Single- or Three-Phase @ \$5.50 per month

Energy Charge:

All kWh @ \$ 0.13975 per kWh

MINIMUM BILL

The minimum bill shall be the customer charge.

RIDERS

Customers under this schedule shall be subject to the applicable Power Supply Adjustment Rider, Unfunded Environmental Mandates Rider, Energy Optimization Rider and Renewable Energy Rider.

TERMS

Service may be terminated upon three (3) day notice by either party or under circumstances detailed in WMS rules and regulations without advance notice.

RULES AND REGULATIONS

Service under this rate schedule is subject to WMS rules and regulations, which are incorporated herein by this reference.

WYANDOTTE MUNICIPAL SERVICES
RESIDENTIAL - SENIOR CITIZENS RATE
RATE R-SC

APPLICABILITY

1. For service to any individually metered family dwelling or unit devoted exclusively to domestic purposes, at one point of delivery through one meter. Apartment units may not elect this rate unless each unit is separately metered.
2. To qualify for this rate, the customer must be 65 years of age or older and the head of the household. This rate is not available to alternate or seasonal homes.
3. Effective July 1, 2003, no new customers will be enrolled under the Residential – Senior Citizens Rate R-SC.

CHARACTER OF SERVICE

60-cycle alternating current. single-phase at a nominal voltage of 120/240 volts. Three-phase service may be supplied under certain circumstances at WMS option. Except that in certain areas at WMS discretion, alternating current may be supplied from a wye-connected secondary service from which 120/208 volts may be taken.

RATE

Customer Charge:

Single- or Three-Phase @ \$5.50 per month

Energy Charge:

First 150 kWh	@	\$0.12241	per kWh
Next 250 kWh	@	\$0.13403	per kWh
All Excess kWh	@	\$0.18690	per kWh

MINIMUM BILL

The minimum bill shall be the customer charge.

RIDERS

Customers under this schedule shall be subject to the applicable Power Supply Adjustment Rider, Unfunded Environmental Mandates Rider, Energy Optimization Rider and Renewable Energy Rider.

TERMS

The customer contracts to remain on this rate for at least 12 months. The service may be terminated upon three (3) day notice by either party after the initial 12-month period or under circumstances detailed in WMS rules and regulations without advance notice.

WYANDOTTE MUNICIPAL SERVICES

Residential - Senior Citizens Rate R-SC

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RULES AND REGULATIONS

Service under this rate schedule is subject to WMS rules and regulations which are incorporated herein by this reference.

WYANDOTTE MUNICIPAL SERVICES

SMALL COMMERCIAL SERVICE RATE

**RATE CD or SG
APPLICABILITY**

1. For service at secondary voltage to any commercial or industrial customer for power and lighting when the entire requirements on the premises (exclusive of residential usages) are supplied at one delivery point through one meter.
2. Service under this rate is limited to consumers with demands less than 25 kW. In the event any consumer billed under this rate exceeds 25 kW during any two billing periods within a 12-month period, the account will automatically be billed at the Large General Service (LGS) rate and will remain on LGS for a minimum of 12 months.
3. This rate is not applicable to emergency or standby service; however, seasonal service for commercial or industrial use may be taken under this rate provided the service remains connected throughout the year.

CHARACTER OF SERVICE

60-cycle alternating current, single phase, nominally at 120/240 volts, three-wire; or three-phase, four-wire delta connected at 120/240/208 volts; or three-phase, four-wire wye connected at 277/480 volts; or three-phase, four-wire 120/208 volts. Service will depend upon existing services available in the area.

RATE

Customer Charge				
Single- or Three-Phase	@	\$17.67		per month
 (a) Customer with a demand meter – Rate CD				
Demand Charge:				
All kW	@	\$8.84		per kW
 Energy Charge:				
All kWh	@	\$ 0.10528		per kWh
 (b) Customer without a demand meter – Rate SG				
Energy Charge:				
All kWh	@	\$ 0.14246		per kWh

DETERMINATION OF BILLING DEMAND

The billing demand shall be based on the maximum kilowatts supplied as measured by a demand meter or demand indicator attached to a kilowatt-hour meter and shall be greater of:

- 1) The maximum kilowatt established by consumer for the current month, or
- 2) 75% of the consumer’s highest demand for the preceding 12 months.

WYANDOTTE MUNICIPAL SERVICES

Small Commercial Service Rate CD or SG

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MINIMUM BILL

The minimum bill shall be the customer charge.

SPECIAL NOTE

Wyandotte Municipal Services reserves the right to make special determination of the minimum charge or special determination of an additional charge should equipment which creates high demands of momentary duration be included in the customer's installation or when the customer's service requirements or operating characteristics necessitate investments by WMS out of proportion to the revenues derived under this rate.

SEPARATE SERVICES

When customers receiving service at the effective date of this rate schedule have lighting and/or power service supplied through more than one meter, the bill for each meter will be calculated separately under the applicable rate schedule(s).

RIDERS

Customers under this schedule shall be subject to the applicable Power Supply Adjustment Rider, Unfunded Environmental Mandates Rider, Energy Optimization Rider and Renewable Energy Rider.

TERMS

Service may be terminated upon three (3) day notice by either party or under circumstances detailed in WMS rules and regulations without advance notice.

RULES AND REGULATIONS

Service under this rate schedule is subject to WMS rules and regulations which are incorporated herein by this reference.

WYANDOTTE MUNICIPAL SERVICES

LARGE GENERAL SERVICE RATE RATE LGS

APPLICABILITY

1. For service at secondary voltage to any commercial or industrial customer for power and lighting when the entire requirements on the premises (exclusive of residential usages) are supplied at one delivery point through one meter.
2. This rate is not applicable to emergency or standby service; however, seasonal service for commercial or industrial use may be taken under this rate provided the service remains connected throughout the year.

CHARACTER OF SERVICE

60-cycle alternating current, single-phase, nominally at 120/240 volts, three-wire; or three-phase, four-wire delta connected at 120/240/208 volts; or three-phase, four-wire wye connected at 277/480 volts; or three-phase, four-wire 120/208 volts. Service will depend upon the existing services available in the area.

RATE

Customer Charge:

Standard Single or Three-Phase Meter	@	\$41.58	per month
Time-Differentiated Meter	@	\$294.53	per month

Demand Charge:

All kW	@	\$14.00	per kW
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Energy Charge:

First 3,000kWh	@	\$0.09000	per kWh
All excess kWh	@	\$0.07272	per kWh

DETERMINATION OF BILLING DEMAND

The billing demand shall be based on the maximum kilowatts supplied as measured by a demand meter or demand indicator attached to a kilowatt-hour meter and shall be greater of:

- 1) The maximum kilowatt established by consumer for the current month, or
- 2) 75% of the consumer's demand for the preceding 12 months, or
- 3) 25 kW.

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Large General Service Rate LGS

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TIME OF USE

For customers with a time-differentiated meter, the metered demand for monthly billing purposes shall be the greater of:

- 1) The maximum demand recorded during the on-peak period; or,
- 2) Fifty percent (50%) of the maximum demand recorded during the off-peak period.

The on-peak period is defined as the twelve-hour period between 11 a.m. and 11 p.m. local time on all non-holiday weekdays. The off-peak period is defined as all other time. Holidays are New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

POWER FACTOR

The rates and charges under this rate are based on the customer maintaining a power factor of not less than 90% lagging or leading. Power factor less than 70% lagging or leading will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for demand charges for power factor below 90% lagging or leading. Specifically, the monthly billing demand will be increased by 1.0% for each full 1% that power factor is below 90%.

MINIMUM BILL

The customer charge, plus demand charges (minimum 25 kW), plus energy charges, if any.

SPECIAL NOTE

Wyandotte Municipal Services reserves the right to make special determination of the minimum charge or special determination of an additional charge should equipment which creates high demands of momentary duration be included in the customer's installation or when the customer's service requirements or operating characteristics necessitate investments by WMS in excess of our proportion to the revenues derived under this rate.

SEPARATE SERVICES

When customers receiving service at the effective date of this rate schedule have lighting and/or power service supplied through more than one meter, the bill for each meter will be calculated separately under the applicable rate schedule(s).

WYANDOTTE MUNICIPAL SERVICES

Large General Service Rate LGS

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RIDERS

Customers under this schedule shall be subject to the applicable Power Supply Adjustment Rider, Unfunded Environmental Mandates Rider, Energy Optimization Rider and Renewable Energy Rider.

TERMS

For demands up to 100 KW, service may be terminated upon a minimum three (3) day written notice by either party (or under circumstances detailed in WMS rules and regulations without advance notice). If a customer selects this rate schedule in preference to the Small Commercial rate then customer shall remain on this rate for at least 12 months except in the absence of a bonafide discontinuance of service. For demands in excess of 100 KW, the minimum term is 12 months, after which service may be terminated by either party upon a minimum of one (1) month written notice.

RULES AND REGULATIONS

Service under this rate schedule is subject to WMS rules and regulations which are incorporated herein by this reference.

WYANDOTTE MUNICIPAL SERVICES

PRIMARY SERVICE RATE (LESS THAN 1,000 kW) RATE PR

APPLICABILITY

To any customer desiring service for all power and lighting purposes served through a transformer of 500 kVA or more and when the customer furnishes, owns, installs, and maintains his own transformation facilities acceptable to WMS.

CHARACTER OF SERVICE

60-cycle alternating current, three phase, nominally at 13,800 volts or other primary voltage at the option of WMS.

RATE

Customer Charge

Standard Three-Phase Meter	@	\$123.54	per month
Time-Differentiated Meter	@	\$300.03	per month

Demand Charge

First 200 kW	@	\$13.00	per kW
All Excess kW	@	\$12.00	per kW

Energy Charge

First 1,750,000 kWh	@	\$0.07887	per kWh
All Excess kWh	@	\$0.07887	per kWh

DETERMINATION OF BILLING DEMAND

The billing demand shall be based on the maximum kilowatts supplied as measured by a demand meter or demand indicator attached to a kilowatt-hour meter and shall be greater of:

- 1) The maximum kilowatt demand established by the consumer for the current month, or
- 2) 75% of the consumer's highest demand for the preceding 12 months, or
- 3) 75 kW.

WYANDOTTE MUNICIPAL SERVICES

Primary Service Rate PR

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TIME OF USE

For customers with a time-differentiated meter, the metered demand for monthly billing purposes shall be the greater of:

- 1) The maximum demand recorded during the on-peak period; or,
- 2) Fifty percent (50%) of the maximum demand recorded during the off-peak period.

The on-peak period is defined as the twelve-hour period between 11 a.m. and 11 p.m. local time on all non-holiday weekdays. The off-peak period is defined as all other time. Holidays are New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

POWER FACTOR

The rates and charges under this rate are based on the customer maintaining a power factor of not less than 90% lagging or leading. Power factor less than 70% lagging or leading will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for demand charges for power factor below 90% lagging or leading. Specifically, the monthly billing demand will be increased by 1.0% for each full 1% that power factor is below 90%.

MINIMUM BILL

The customer charge plus demand charges (minimum 75 kW) plus energy charges, if any.

SPECIAL NOTE

Wyandotte Municipal Services reserves the right to make special determination of the minimum charge or special determination of an additional charge should equipment which creates high demands of momentary duration be included in the customer's installation or when the customer's service requirements or operating characteristics necessitate investments by WMS out of proportion to the revenues derived under this rate.

SEPARATE SERVICES

When customers receiving service at the effective date of this rate schedule have lighting and/or power service supplied through more than one meter, the bill for each meter will be calculated separately under the applicable rate schedule(s).

RIDERS

Customers under this schedule shall be subject to the applicable Power Supply Adjustment Rider, Unfunded Environmental Mandates Rider, Energy Optimization Rider and Renewable Energy Rider.

WYANDOTTE MUNICIPAL SERVICES

Primary Service Rate PR

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TERMS

The minimum term under this rate schedule is one (1) year; therefore, service may be terminated upon one (1) month's written notice or under circumstances detailed in WMS rules and regulations without advance notice.

RULES AND REGULATIONS

Service under this rate schedule is subject to WMS rules and regulations which are incorporated herein by this reference.

WYANDOTTE MUNICIPAL SERVICES

PRIMARY SERVICE RATE (GREATER THAN 1,000 kW) RATE LP

APPLICABILITY

To any customer desiring service for all power and lighting purposes served through a transformer of 500 kVA or more and when the customer furnishes, owns, installs, and maintains his own transformation facilities acceptable to WMS, and there is a maximum demonstrated demand of 1,000 kW to 4,000 kW.

CHARACTER OF SERVICE

60-cycle alternating current, three phase, nominally at 13,800 volts or other primary voltage at the option of WMS.

RATE

Customer Charge

Standard Three-Phase Meter	@	\$123.54	per month
Time-Differentiated Meter	@	\$300.03	per month

Demand Charge

First 200 kW	@	\$15.00	per kW
Next 800 kW	@	\$13.00	per kW
Next 1000 kW	@	\$12.00	per kW
All Excess kW	@	\$10.00	per kW

Energy Charge

First 1,750,000 kWh	@	\$0.06780	per kWh
All Excess kWh	@	\$0.06780	per kWh

DETERMINATION OF BILLING DEMAND

The billing demand shall be based on the maximum kilowatts supplied as measured by a demand meter or demand indicator attached to a kilowatt-hour meter and shall be greater of:

- 1) The maximum kilowatt demand established by the consumer for the current month, or
- 2) 75% of the consumer's highest demand for the preceding 12 months, or
- 3) 1,000 kW.

WYANDOTTE MUNICIPAL SERVICES

Primary Service Rate LP

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TIME OF USE

For customers with a time-differentiated meter, the metered demand for monthly billing purposes shall be the greater of:

- 1) The maximum demand recorded during the on-peak period; or,
- 2) Fifty percent (50%) of the maximum demand recorded during the off-peak period.

The on-peak period is defined as the twelve-hour period between 11 a.m. and 11 p.m. local time on all non-holiday weekdays. The off-peak period is defined as all other time. Holidays are New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

POWER FACTOR

The rates and charges under this rate are based on the customer maintaining a power factor of not less than 90% lagging or leading. Power factor less than 70% lagging or leading will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for demand charges for power factor below 90% lagging or leading. Specifically, the monthly billing demand will be increased by 1.0% for each full 1% that power factor is below 90%.

MINIMUM BILL

The customer charge plus demand charges (minimum 1,000 kW) plus energy charges, if any.

SPECIAL NOTE

Wyandotte Municipal Services reserves the right to make special determination of the minimum charge or special determination of an additional charge should equipment which creates high demands of momentary duration be included in the customer's installation or when the customer's service requirements or operating characteristics necessitate investments by WMS out of proportion to the revenues derived under this rate.

SEPARATE SERVICES

When customers receiving service at the effective date of this rate schedule have lighting and/or power service supplied through more than one meter, the bill for each meter will be calculated separately under the applicable rate schedule(s).

RIDERS

Customers under this schedule shall be subject to the applicable Power Supply Adjustment Rider, Unfunded Environmental Mandates Rider, Energy Optimization Rider and Renewable Energy Rider.

WYANDOTTE MUNICIPAL SERVICES

Primary Service Rate LP

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TERMS

The minimum term under this rate schedule is one (1) year; therefore, service may be terminated upon one (1) month's written notice or under circumstances detailed in WMS rules and regulations without advance notice.

RULES AND REGULATIONS

Service under this rate schedule is subject to WMS rules and regulations which are incorporated herein by this reference.

WYANDOTTE MUNICIPAL SERVICES
LARGE INDUSTRIAL SERVICE RATE
RATE LI

APPLICABILITY

To any customer desiring service for all power and lighting purposes when there is a maximum demonstrated demand of 4,000 kW or more and when the customer furnishes, owns, installs, and maintains his own transformation facilities acceptable to WMS.

CHARACTER OF SERVICE

60-cycle, alternating current, three-phase, nominally at 13,800 volts or other primary voltage, at the option of WMS.

RATE

Customer Charge				
Standard Three-Phase Meter	@	\$126.00		per month
Time-Differentiated Meter	@	\$306.00		per month
Demand Charge	@	\$ 14.70		per kW
Energy Charge				
First 6,000,000 kWh per month	@	\$0.04645		per kWh
All Excess kWh	@	\$0.03916		per kWh

DETERMINATION OF BILLING DEMAND

The billing demand shall be based on the maximum kilowatts supplied as measured by a demand meter and shall be greater of:

- 1) The maximum kilowatt demand established by the consumer for the current month, or
- 2) 75% of the consumer's highest demand for the preceding 12 months, or
- 3) The minimum demand specified in the contract for service, or
- 4) 4,000 kW

TIME OF USE

For customers with a time-differentiated meter, the metered demand for monthly billing purposes shall be the greater of:

- 1) The maximum demand recorded during the on-peak period; or,
- 2) Fifty percent (50%) of the maximum demand recorded during the off-peak period.

The on-peak period is defined as the twelve-hour period between 11 a.m. and 11 p.m. local time on all non-holiday weekdays. The off-peak period is defined as all other time. Holidays are New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

WYANDOTTE MUNICIPAL SERVICES

Large Industrial Service Rate LI

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POWER FACTOR

The rates and charges under this rate are based on the customer maintaining a power factor of not less than 90% lagging or leading. Power factor less than 70% lagging or leading will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for demand charge for power factor below 90% lagging or leading. Specifically, the monthly billing demand will be increased by 1.0% for each full 1% that power factor is below 90%.

MINIMUM BILL

The customer charge, demand charge (minimum 4,000 kW), plus energy charges, if any.

SPECIAL NOTE

Wyandotte Municipal Service reserves the right to make special determination of the minimum charge or special determination of an additional charge should equipment which creates high demands of momentary duration be included in the customer's installation or when the customer's service requirements or operating characteristics necessitate investments by WMS out of proportion to the revenues derived under this rate.

SEPARATE SERVICES

When customers receiving service at the effective date of this rate schedule have lighting and/or power service supplied through more than one meter, the bill for each meter will be calculated separately under the applicable rate schedule(s).

RIDERS

Customers under this schedule shall be subject to the applicable Power Supply Adjustment Rider, Unfunded Environmental Mandates Rider, Energy Optimization Rider and Renewable Energy Rider.

TERMS

The minimum term under this rate schedule is one (1) year; therefore, service may be terminated upon one (1) month's written notice or under circumstances detailed in WMS rules and regulations without advance notice.

RULES AND REGULATIONS

Service under this rate schedule is subject to WMS rules and regulations which are incorporated herein by this reference.

WYANDOTTE MUNICIPAL SERVICES

WASTEWATER PUMPING RATE RATE WW

APPLICABILITY

Government agencies desiring service at a Primary voltage, for pumping and processing, at a wastewater disposal facility. Customers who apply for this rate must contract for a specified capacity of not less than 3,000 kW at a single location. The customer is required to furnish, own, install and maintain his own transformation facilities acceptable to Wyandotte Municipal Services.

CHARACTER OF SERVICE

60-cycle, alternating current, three phase, nominally at 69,000 volts.

RATE

Customer Charge				
Standard Three-Phase Meter	@	\$129.82		per month
Time Differentiated Meter	@	\$315.27		per month
Demand Charge	@	\$16.33		per kW
Energy Charge				
First 200 kWh per kW of billing demand	@	\$0.07175		per kWh
Next 200 kWh per kW of billing demand	@	\$0.07053		per kWh
All Excess kWh	@	\$0.06986		per kWh

DETERMINATION OF BILLING DEMAND

The billing demand shall be based on the maximum kilowatts supplied as measured by a demand meter and shall be greater of:

- 1) The maximum kilowatt demand established by the consumer for the current month, or
- 2) 75% of the consumer's highest demand for the preceding 12 months, or
- 3) The minimum demand specified in the contract for service, or
- 4) 3,000 kW

TIME OF USE

For customers with a time-differentiated meter, the metered demand for monthly billing purposes shall be the greater of:

- 1) The maximum demand recorded during the on-peak period; or,
- 2) Fifty percent (50%) of the maximum demand recorded during the off-peak period.

The on-peak period is defined as the twelve-hour period between 11 a.m. and 11 p.m. local time on all non-holiday weekdays. The off-peak period is defined as all other time. Holidays are New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

WYANDOTTE MUNICIPAL SERVICES

Wastewater Pumping Rate WW

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POWER FACTOR

The rates and charges under this rate are based on the customer maintaining a power factor of not less than 90% lagging or leading. Power factor less than 70% lagging or leading will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for demand charge for power factor below 90% lagging or leading. Specifically, the monthly billing demand will be increased by 1.0% for each full 1% that power factor is below 90%.

MINIMUM BILL

The customer charge, plus demand charges (minimum 3,000 kW) plus energy charges, if any.

SPECIAL NOTE

Wyandotte Municipal Services reserves the right to make special determination of the minimum charge or special determination of an additional charge should equipment which creates high demands of momentary duration be included in the customer's installation or when the customer's service requirements or operating characteristics necessitate investments by WMS out of proportion to the revenues derived under this rate.

SEPARATE SERVICES

When customers receiving service at the effective date of this rate schedule have lighting and/or power service supplied through more than one meter, the bill for each meter will be calculated separately under the applicable rate schedule(s).

RIDERS

Customers under this schedule shall be subject to the applicable Power Supply Adjustment Rider, Unfunded Environmental Mandates Rider, Energy Optimization Rider and Renewable Energy Rider.

TERMS

The minimum term under this rate schedule is one (1) year; therefore, service may be terminated by either party upon one (1) month's written notice or under circumstances detailed in WMS rules and regulations without advance notice.

RULES AND REGULATIONS

Service under this rate schedule is subject to WMS rules and regulations which are incorporated herein by this reference.

WYANDOTTE MUNICIPAL SERVICES

WYANDOTTE MUNICIPAL SERVICES HEATING STEAM RATE RATE ST

AVAILABILITY

Customers requiring low pressure steam service on premises adjacent to existing low-pressure steam mains.

HOURS OF SERVICE

Twenty-four (24) hours per day year-round, except for predictable shut down periods during summer for maintenance.

KIND OF SERVICE

Steam is distributed to the territory served through mains of sufficient size and in such locations as to supply customer's steam requirements. Condensate must be returned. Loss of Condensate Charge will be imposed if condensate is not returned to WMS Power Plant.

RATE

Customer Charge
\$300.59 per month

Energy Charge
\$31.65 per 1,000 pounds for first 200,000 pounds per month
\$31.10 per 1,000 pounds for next 800,000 pounds per month
\$30.50 per 1,000 pounds for excess over 1,000,000 pounds per month

Energy Charge – Redundancy
\$53.24 per 1,000 pounds for first 200,000 pounds per month
\$52.30 per 1,000 pounds for next 800,000 pounds per month
\$51.34 per 1,000 pounds for excess over 1,000,000 pounds per month

Loss of Condensate Return Charge
\$430.53 per day for each day of loss.

MINIMUM BILL

The minimum bill shall be the customer charge.

CONTRACT TERMS

As negotiated

RIDERS

Customers under this schedule shall be subject to the all applicable approved riders including the Power Supply Adjustment Rider.

WYANDOTTE MUNICIPAL SERVICES

SECURITY LIGHTING RATE RATE SL

APPLICABILITY

Applicable for dusk to dawn lighting service by means of ballast operated lamp fixtures on a suitable wood pole. The service includes all electrical energy used and all maintenance required to provide service under this rate.

RATES

<u>LAMP TYPE</u>	<u>MONTHLY RATE</u>
For lamps set on an existing WMS pole	
100-watt HPS	\$ 8.10
250-watt HPS	\$11.34
400-watt HPS	\$17.79
For lamps set on new pole specifically to provide Security Light service	
100-watt HPS	\$10.94
250-watt HPS	\$14.18
400-watt HPS	\$22.65

APPLICATION

Each prospective customer shall make formal application for this dusk to dawn lighting service on forms provided by WMS. The application shall be processed through the Electric Transmission and Distribution (T&D) Department and Customer Service for approval. During the processing period, each customer will be consulted for the purpose of determining the number of and the location of each unit to be installed.

CONTRACT AGREEMENT

Before any portion of a new customer's dusk to dawn lighting service is installed, said customer will sign an Outdoor Security Lighting Agreement. The initial term of such agreement shall be one (1) year for installation on existing pole only, two (2) years on installation involving the setting of one or more new poles, except for 400-watt unit installed on an existing pole for which the length of the agreement shall be automatically extended for additional periods of one (1) year unless cancelled by either party. The agreement may be cancelled by either party anytime after the initial term period upon thirty (30) days written notice. Wyandotte Municipal Services reserves the right to remove the unit, together with poles, conductor fixtures or appurtenances, at anytime upon failure of the customer to pay the charges.

OTHER MISCELLANEOUS INFORMATION

Rates for metered temporary service, unmetered temporary service and standby service are available at the General Office of the Municipal Service Commission, 3200 Biddle Avenue, Wyandotte, Michigan, 48192.

WYANDOTTE MUNICIPAL SERVICES
POWER SUPPLY ADJUSTMENT RIDER
RIDER PSA

The PSA calculation is based on forward looking projections of power supply related costs and kWh sales (electric and steam).

The applicable electric, steam and hot water rates shall be subject to an additional PSA energy charge or credit computed in accordance with the formula shown below.

$$PSA = \frac{P + R}{U} - B \text{ where;}$$

PSA = Power Supply Adjustment rate, expressed in dollars per kWh rounded to the nearest five decimal places.

P = Total power supply related cost less off-system sales revenues expressed in dollars.

U = Sales (kWh) for the time period for which the power supply cost (P) is computed.

R = Reconciliation of the cumulative over or under recovery of power supply costs from preceding time periods computed as the difference between the previous power supply revenues collected and the power supply cost incurred, commencing October 1, 2016, expressed in dollars.

B = Base power supply cost of \$0.06075 per kWh.

The City's Utility Management Team shall review the PSA calculation monthly with actual data and shall calculate PSA projections for the periods beginning April and October. Following such PSA review and projection, the Utility Management Team shall direct the PSA to be applied, as deemed necessary to accomplish recovery of the City's power supply related cost in a timely manner. The Utility Management Team shall recalculate and direct application of the PSA at intervals more frequent than six months if actual power supply related costs vary significantly from projections.

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**Power Supply Adjustment Rider
Rider PSA
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The equivalent kWh sold for steam sales will be computed by multiplying such sales by the following conversion factors:

<u>Factor Description</u>	<u>Sales Units</u>	<u>Equivalent kWh Conversion Factor</u>
Medium-pressure steam (85 psig)klb		84.714 kWh/klb

The PSA to be applied to steam sales will be computed by multiplying the PSA by the above conversion factors.

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UNFUNDED ENVIRONMENTAL MANDATES ADJUSTMENT RIDER UEM (RIDER UEM)

(1) Scope. The Utility shall recover through application of Rider UEM all expenditures for operating, capital improvements, investments and related debt service principal and interest payments that are paid or payable to parties other than Utility employees that are associated with the Utility's compliance with environmental mandates and that are not included or recovered in base electric rate charges, in the Power Supply Adjustment Rider (Rider PSA) charges or any other rider (Environmental Costs). Environmental Costs shall include Utility debt service payments (including principal and interest payments) associated with deferral of Environmental Costs. Environmental Costs will be credited to reflect proceeds received from insurance carriers or other entities for amounts that represent reimbursement of costs associated with environmental compliance projects. Environmental Costs shall not include salaries of Utility employees or any benefits related thereto.

Rider UEM will be applied monthly as a percentage charge to electric, steam and hot water customers' total monthly billings (including Riders REP and EOP) so as to recover anticipated Environmental Costs during the period such expenditures are projected to be incurred by the Utility (Recovery Period). The total amount of any over-recovery or under-recovery of Environmental Costs for preceding collection periods will be included as an Environmental Reconciliation Adjustment and thereby reflected in Rider UEM for the Recovery Period. Over-recoveries are subtracted from the Environmental Cost and under-recoveries are added to the EC.

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Unfunded Environmental Mandates Adjustment

Rider UEM

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- (2) Calculation. The formula for calculating Rider UEM, expressed as a percentage, is:

$$\text{UEM} = (\text{EC} \pm \text{ERA})/\text{R}$$

Where:

EC = Environmental Costs to be recovered from electric customers during the Recovery Period.

ERA = Environmental Reconciliation Adjustment is a dollar adjustment that reflects the difference between actual Environmental Cost incurred during preceding collection periods and the actual revenues collected by Rider UEM during the same collection period. Over-recoveries are subtracted from the Environmental Cost and under-recoveries are added to the Environmental Cost.

R = Revenue from all base rate, Power Supply Adjustment (Rider PSA) and other rider charges billed to electric, steam and hot water customers during the Recovery Period.

- a) Application.

(1) The Utility shall annually review the Rider UEM calculation and make projections for the Recovery Period. The Utility shall, when it deems necessary, make adjustments to Rider UEM applied to customers for such period as it deems necessary to accomplish the

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purposes of this Rider in a timely manner. The Renewable Energy Surcharge is being utilized to cover costs for AMP renewables, not related to MI PA 342 Compliance

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ENERGY OPTIMIZATION PLAN RIDER EOP (RIDER EOP)

(1) Scope. The Utility shall recover through application of Rider EOP all expenditures associated with its MPSC-approved Energy Optimization Plan (EOP) in accordance with the provisions of Public Act 295 that are not included or recovered in base electric rate charges, the Power Supply Adjustment Rider (Rider PSA) or other rider charges (EOP Costs). EOP Costs shall include all eligible costs (including low-income residential customer program costs) as defined under Section 89 of Public Act 295 of 2008 and WMS' MPSC-approved EOP.

Rider EOP will be applied as a charge per kWh of energy consumption to Residential, Secondary (Small Commercial and Large General) Service and Primary Service electric customers' total monthly billings and as a fixed charge to industrial (Large Industrial and Wastewater Pumping) electric customers' total monthly billings so as to recover anticipated EOP Costs during the period such expenditures are projected to be incurred by the Utility (Recovery Period). Rider EOP will be calculated individually for the Residential, Secondary Service, Primary Service and Industrial rate classes to reflect EOP program costs for each respective rate class.

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Energy Optimization Plan

Rider EOP

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Any over-recovery or under-recovery of EOP Costs for preceding collection periods is not considered in calculation of Rider EOP. If revenue collected under Rider EOP remains unspent at the end of a Recovery Period, it is rolled into the following year's EOP budget. If revenue collected is insufficient to meet EO requests, WMS has the option to transfer budgeted monies from other EOP programs or to ask customers to resubmit EO project requests for consideration the following budget year. Therefore, Rider EOP has no periodic reconciliation of past Recovery Periods as with most riders.

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Calculation of Rider EOP for Residential, Secondary (Small Commercial and Large General) Service and Primary Service Rate Classes

(2) Calculation. The formula for calculating Rider EOP, expressed in cost per kWh, is:

$$\text{EOP} = \text{EOC}/\text{kWh}$$

Where:

EOC = Energy Optimization Costs to be recovered from the rate class customers during the Recovery Period.

kWh = Retail energy sales to the rate class customers during the Recovery Period.

(a) Application.

(1) A Rider EOP will be calculated individually (three separate riders) for the Residential, Secondary Service, and Primary Service rate classes to reflect the EOP program costs for each respective rate class.

(2) The Utility shall review the Rider EOP calculation at least annually and make projections for the Recovery Period. The Utility shall, when it deems necessary, make adjustments to Rider EOP applied to customers for such period as it deems necessary to accomplish the purposes of this Rider in a timely manner.

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Calculation of Rider EOP for Industrial (Large Industrial and Wastewater Pumping) Rates

(3) Calculation. The formula for calculating Rider EOP, expressed as a monthly customer charge, is:

$$\text{EOP} = \text{EOC}/\text{NOC}/12$$

Where:

EOC = Energy Optimization Costs to be recovered from Industrial (Large Industrial and Wastewater Pumping) rate class customers during the Recovery Period.

NOC = Number of Industrial (Large Industrial and Wastewater Pumping) rate class customers during the Recovery Period.

(a) Application.

(1) A Rider EOP will be calculated for the Industrial (Large Industrial and Wastewater Pumping) rate class to reflect EOP program costs for said rate class.

(2) The Utility shall annually review the Rider EOP calculation and make projections for the Recovery Period. The Utility shall, when it deems necessary, make adjustments to Rider EOP applied to customers for such period as it deems necessary to accomplish the purposes of this Rider in a timely manner.

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RENEWABLE ENERGY PLAN RIDER REP (RIDER REP)

(1) Scope. The Utility shall recover through application of Rider REP the estimated expenditures associated with its MPSC-approved Renewable Energy Plan (REP) in accordance with the provisions of Public Act 295 (REP Costs). REP Costs shall include all eligible costs as defined under Section 89 of Public Act 295 of 2008 and WMS' MPSC-approved REP.

Rider REP will be applied as a customer charge to each electric account's total monthly billing so as to recover anticipated REP Costs during the period such expenditures are projected to be incurred by the Utility (Recovery Period). Customer charges are as listed in the Utility's MPSC-approved REP: Residential, \$1.32 per month; Commercial (Small Commercial and Large General Service), \$7.29 per month; and Industrial (Primary, Large Industrial and Wastewater Pumping), \$82.42 per month. If WMS updates its REP costs in the future, Rider REP shall be updated to reflect said revisions.

Revenue collected under Rider REP shall be netted against total power supply costs in the calculation of electric rates and Rider PSA.

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Renewable Energy Plan Rider Rider REP Page - 2

(2) Determination. Rider REP will be applied as a customer charge to each electric account's total monthly billing so as to recover anticipated REP Costs during the period such expenditures are projected to be incurred by the Utility. Customer charges are as listed in the Utility's MPSC-approved REP:

Residential, \$1.32 per month

Commercial (Small Commercial and Large General Service), \$7.29 per month

Industrial (Primary, Large Industrial and Wastewater Pumping), \$82.42 per month.

(a) Application.

(1) The Utility shall review Rider REP each time it updates its REP costs. Rider REP shall be amended to reflect said revisions. The Utility shall, when it deems necessary, make adjustments to Rider REP applied to customers for such period as it deems necessary to accomplish the purposes of this Rider in a timely manner.

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