



2019 Rate Schedules

RESIDENTIAL SERVICE

AVAILABILITY:

At all locations where facilities of adequate capacity and suitable voltage are adjacent to the premises to be served. Where service desired by the customer is not adjacent to the premises to be served, additional contract arrangements may be required prior to service being furnished.

APPLICATION:

To electric service required for residential purposes in individual private dwellings and in individually metered apartments when such service is supplied at one point of delivery and measured through one meter. Existing single metered, multi-unit dwellings having not in excess of three separate dwelling units in the same structure may be served under this rate.

CHARACTER OF SERVICE:

Single phase, 60 Hertz, 120/240 volts alternating current.

RATE:

	<u>2019</u>
Customer Charge:	\$ 19.50
Energy Charge:	
Non Summer Energy / kWh	10.545¢
Summer Energy / kWh	12.596¢

Definition of Season: Summer months are June through September. Non-summer months are January through May and October through December.

POWER COST ADJUSTMENT:

Bills computed under this rate schedule are subject to adjustment in accordance with the Power Cost Adjustment (PCA).

	<u>2019</u>
MINIMUM BILL per month:	\$ 19.50

PAYMENT: Payments are due on or before the due date.

CONDITIONS OF DELIVERY:

1. Service furnished under this rate schedule is subject to applicable provisions of RPU's published Electric Service Rules and Regulations.
2. RPU shall not be liable for any damage or loss sustained by customer resulting from interruptions, deficiencies, or imperfections of service provided under this rate.
3. Energy furnished under this rate shall not be resold.
4. This tariff assumes use of metering technology capable of being read using automated equipment. Customers choosing the option to have a meter that is not capable of being read using automated equipment, thus requiring a manual reading, are subject to a monthly surcharge. Additional one-time meter change-out fees also apply. (See the RPU Miscellaneous Fee Schedule for the amount of the monthly surcharge and the one-time meter change-out fees).

RESIDENTIAL SERVICE - DUAL FUEL

AVAILABILITY:

Available only to existing dual fuel customers transferred from People's Cooperative Power Association's (PCPA) electrical system to RPU's system as part of RPU's electric service territory acquisitions.

APPLICATION:

To electric heating service required for residential purposes in individual private buildings. Such electric heating load shall be metered separately from the rest of the service.

CHARACTER OF SERVICE:

Single phase, 60 Hertz, 120/240 volts alternating current.

RATE:

Energy Charge / kWh

2019

7.870¢

POWER COST ADJUSTMENT:

Bills computed under this rate schedule are subject to adjustment in accordance with the Power Cost Adjustment (PCA).

MINIMUM BILL:

Energy usage.

PAYMENT:

Payments are due on or before the due date.

CONDITIONS OF DELIVERY:

1. Service under this rate is only for electric heating. All other electrical loads shall be metered under the RES residential service rate.
2. Customer must keep his or her alternate fuel source heating system in satisfactory operating condition.
3. RPU reserves the right to transfer RES-DF customers from the primary electric heat source to the alternate fuel source at any such time that the electric heating load would add to RPU's monthly electric peak.
4. Customers that remove existing dual fuel heating systems shall not be eligible for the RES-DF rate with replacement heating systems.
5. Service furnished under this rate schedule is subject to applicable provisions of RPU's published Electric Service Rules and Regulations.

RESIDENTIAL SERVICE - DUAL FUEL (Cont.)

CONDITIONS OF DELIVERY: (cont.)

6. RPU shall not be liable for any damage or loss sustained by customer resulting from interruptions, deficiencies, or imperfections of service provided under this rate.
7. Energy furnished under this rate shall not be resold.
8. This tariff assumes use of metering technology capable of being read using automated equipment. Customers choosing the option to have a meter that is not capable of being read using automated equipment, thus requiring a manual reading, are subject to a monthly surcharge. Additional one-time meter change-out fees also apply. (See the RPU Miscellaneous Fee Schedule for the amount of the monthly surcharge and the one-time meter change-out fees).

RESIDENTIAL SERVICE – HIGH EFFICIENCY HVAC

AVAILABILITY:

To RPU residential customers that:

1. Use either an air source or ground source heat pump system as the only source of heating and cooling in their home.
2. Use an electric water heater (usually connected to a desuperheater on the heat pump) as their only source of domestic water heating.
3. Receive prior approval of the equipment from RPU. Note that equipment must be rated by the Air-Conditioning, Heating, and Refrigeration Institute (AHRI)*, and at the time of installation, meet the minimum efficiency requirements found on the Residential Electric Efficiency Rebate Application in effect at the time. The current application is available at www.rpu.org.

*For air source and ground source heat pumps the efficiency ratings are determined using the Air-Conditioning, Heating, and Refrigeration Institute’s (AHRI) directory, which may be found at www.ahridirectory.org.

APPLICATION: Electric service required for residential purposes in individual private dwellings where service is supplied at one point of delivery and measured through one meter.

CHARACTER OF SERVICE:

Single phase, 60 hertz, 120/240 volts alternating current.

RATE:

Customer Charge

2019
\$ 19.50

Energy Charge:

Winter first 600 kWh	10.545¢
Winter over 600 kWh	8.836¢
Summer kwh	12.596¢

Definition of Season: Summer months are June through September. Non-summer months are January through May and October through December.

RESIDENTIAL SERVICE – HIGH EFFICIENCY HVAC (Cont.)

POWER COST ADJUSTMENT:

Bills computed under this rate schedule are subject to adjustment in accordance with the Power Cost Adjustment (PCA).

MINIMUM BILL:

MINIMUM BILL per month: 2019
\$19.50

PAYMENT:

Payments are due on or before the due date.

CONDITIONS OF DELIVERY:

1. Service under this rate is only for air-source or ground-source heat pump systems that meet the stated efficiency requirements as explained in the Availability subhead of this rate schedule.
2. Service provided under this rate is subject to applicable provisions of RPU's published Electric Service Rules and Regulations.
3. Energy provided under this rate shall not be resold.
4. RPU shall not be liable for any damage or loss sustained by the customer resulting from interruptions, deficiencies, or imperfections of service provided under this rate.
5. This tariff assumes use of metering technology capable of being read using automated equipment. Customers choosing the option to have a meter that is not capable of being read using automated equipment, thus requiring a manual reading, are subject to a monthly surcharge. Additional one-time meter change-out fees also apply. (See the RPU Miscellaneous Fee Schedule for the amount of the monthly surcharge and the one-time meter change-out fees).

GENERAL SERVICE

AVAILABILITY:

At all locations for loads of less than 75 kW where facilities of adequate capacity and suitable voltage are adjacent to the premises to be served. For loads where the service desired by the customer is not adjacent to the premises to be served, additional contract arrangements may be required prior to service being furnished.

APPLICATION:

To commercial, industrial, governmental, and other types of general service customers with all service taken at one point and measured through one meter. Also applicable to temporary service in accordance with RPU's published Electric Service Rules and Regulations. Not applicable to standby service.

CHARACTER OF SERVICE:

Single or three phase, 60 Hertz, alternating current at any one of the standard secondary service voltages as described in RPU's published Electric Service Rules and Regulations.

RATE:	<u>2019</u>
Customer Charge	\$ 41.00
Energy Charge:	
Non-Summer kWh	10.343¢
Summer kWh	13.312¢

Definition of Season: Summer months are June through September. Non-summer months are January through May and October through December.

POWER COST ADJUSTMENT:

Bills computed under this rate schedule are subject to adjustment in accordance with the Power Cost Adjustment (PCA).

MINIMUM BILL per month:	<u>2019</u>
	\$ 41.00

PAYMENT:

Payments are due on or before the due date.

CONDITIONS OF DELIVERY:

1. Service furnished under this rate schedule is subject to applicable provisions of RPU's published Electric Service Rules and Regulations.

GENERAL SERVICE (Cont.)

CONDITIONS OF DELIVERY (cont.):

2. Unless authorized by separate written agreement, standby electric generating equipment installed by the customer shall not be interconnected, or operated in parallel, with the RPU system. Customer shall own, install, operate, and maintain electrical interlocking equipment, which will prevent parallel operation, and such equipment shall be approved by RPU prior to installation.
3. RPU shall not be liable for any damage or loss sustained by customer resulting from interruptions, deficiencies, or imperfections of service provided under this rate.
4. Energy furnished under this rate shall not be resold.
5. This tariff assumes use of metering technology capable of being read using automated equipment. Customers choosing the option to have a meter that is not capable of being read using automated equipment, thus requiring a manual reading, are subject to a monthly surcharge. Additional one-time meter change-out fees also apply. (See the RPU Miscellaneous Fee Schedule for the amount of the monthly surcharge and the one-time meter change-out fees).

GENERAL SERVICE - HIGH EFFICIENCY HVAC

AVAILABILITY:

At all locations for loads of less than 75 kW where facilities of adequate capacity and suitable voltage are adjacent to the premises to be served and to customers who:

1. Use either an air source or ground source heat pump system as the only source of heating and cooling in their facility.
2. Use an electric water heater (usually connected to a desuperheater on the heat pump) as the only source of water heating.
3. Receive prior approval of the equipment from RPU. Note that equipment must be rated by the Air-Conditioning, Heating, and Refrigeration Institute (AHRI)* and at the time of installation, meet the minimum efficiency requirements found on the Commercial Heat Pumps Rebate Application in effect at the time. The current application is available at www.rpu.org.
4. Service under this rate must be separately metered from other facility loads.

*For air source and ground source heat pumps the efficiency ratings are determined using the Air-Conditioning, Heating and Refrigeration Institute's (AHRI) directory, which may be found at www.ahridirectory.org Note: Other all-electric HVAC systems may be considered for this rate if they meet the stated efficiency standards. To have a system considered, customers must submit an engineering analysis documenting the efficiency of the system.

APPLICATION:

To commercial, industrial, governmental, and other types of General Service customers reconfiguring their current electric service, or adding a new service, to separately meter their high efficiency HVAC equipment. Not applicable to standby service.

CHARACTER OF SERVICE:

Single or three phase, 60 Hertz, alternating current at any one of the standard secondary service voltages as described in RPU's published Electric Service Rules and Regulations.

RATE:

	<u>2019</u>
Customer Charge	\$ 41.00
Energy Charge:	
Non Summer / kWh	8.628¢
Summer / kWh	13.312¢

Definition of Season: Summer months are June through September. Non-summer months are January through May and October through December.

POWER COST ADJUSTMENT:

Bills computed under this rate schedule are subject to adjustment in accordance with the Power Cost Adjustment (PCA).

	<u>2019</u>
MINIMUM BILL per month	\$ 41.00

GENERAL SERVICE - HIGH EFFICIENCY HVAC (Cont.)

PAYMENT:

Payments are due on or before the due date.

CONDITIONS OF DELIVERY:

1. Service under this rate is only for air source or ground source heat pumps and any other all-electric systems that meet the stated efficiency requirements as explained in the Availability subhead of this rate schedule.
2. Service under this rate must be separately metered from other facility loads.
3. Since the HVAC system must be separately metered for this rate, the customer is responsible for any rewiring and its associated costs.
4. Service provided under this rate is subject to applicable provisions of RPU's published Electric Service Rules and Regulations.
5. Energy provided under this rate shall not be resold.
6. RPU shall not be liable for any damage or loss sustained by the customer resulting from interruptions, deficiencies, or imperfections of service provided under this rate.
7. Unless authorized by separate written agreement, standby electric generating equipment installed by the customer shall not be interconnected, or operated in parallel, with the RPU system. Customer shall own, install, operate, and maintain electrical interlocking equipment, which will prevent parallel operation, and such equipment shall be approved by RPU prior to installation.
8. This tariff assumes use of metering technology capable of being read using automated equipment. Customers choosing the option to have a meter that is not capable of being read using automated equipment, thus requiring a manual reading, are subject to a monthly surcharge. Additional one-time meter change-out fees also apply. (See the RPU Miscellaneous Fee Schedule for the amount of the monthly surcharge and the one-time meter change-out fees).

**ROCHESTER PUBLIC UTILITIES
(RPU)**

**RATE SCHEDULE GS-TOU
SHEET 1 OF 2**

GENERAL SERVICE - TIME-OF-USE

AVAILABILITY:

At all locations for loads of less than 75 kW where facilities of adequate capacity and suitable voltage are adjacent to the premises to be served. For loads where the service desired by the customer is not adjacent to the premises to be served, additional contract arrangements may be required prior to service being furnished. RPU reserves the right to limit both the number of customers and the amount of load taken under this rate schedule.

APPLICATION:

To commercial, industrial, governmental, and other types of general service customers with all service taken at one point and measured through one meter. All electrical requirements at one location shall be taken under this rate schedule. Not applicable to temporary or standby service.

CHARACTER OF SERVICE:

Single or three phase, 60 Hertz, alternating current at any one of the standard secondary service voltages as described in RPU's published Electric Service Rules and Regulations.

RATE:	<u>2019</u>
Customer Charge:	\$ 41.00
Energy Charge:	
Non-Summer Energy:	
On-peak Energy / kWh	17.921¢
Off-peak Energy / kWh	6.153¢
Summer Energy:	
On-peak Energy / kWh	22.367¢
Off-peak Energy / kWh	6.521¢

Definition of Season: Summer months are June through September. Non-summer months are January through May and October through December.

Definition of Season: Summer months are June through September. Non-summer months are January through May and October through December.

Definition of On-Peak Energy: All energy used by the customer between the hours of 10:00 a.m. and 10:00 p.m. Monday through Friday.

Definition of Off-Peak Energy: All energy used by the customer that is not on-peak energy.

*Customer Charge: Customer charge per month plus any additional meter charge for costs above RPU's standard GS meter costs.

POWER COST ADJUSTMENT:

Bills computed under this rate schedule are subject to adjustment in accordance with the Power Cost Adjustment (PCA).

GENERAL SERVICE - TIME-OF-USE (Cont.)

MINIMUM BILL:

Customer charge per month.

PAYMENT:

Payments are due on or before the due date.

CONDITIONS OF DELIVERY:

1. Service under this rate will be made available at the option of the general service customer, subject to the availability of the necessary TOU metering equipment.
2. Customers converting to the GS-TOU rate from the GS rate shall make a one-time payment to RPU for any conversion cost above the normal cost to install GS-TOU metering.
3. A customer may switch back to the GS rate providing the customer gives RPU at least 60 days notice and agrees to pay any metering conversion costs.
4. Service furnished under this rate schedule is subject to applicable provisions of RPU's published Electric Service Rules and Regulations.
5. Unless authorized by separate written agreement, standby electric generating equipment installed by the customer shall not be interconnected, or operated in parallel, with the RPU system. Customer shall own, install, operate, and maintain electrical interlocking equipment, which will prevent parallel operation, and such equipment shall be approved by RPU prior to installation.
6. RPU shall not be liable for any damage or loss sustained by customer resulting from interruptions, deficiencies, or imperfections of service provided under this rate.
9. Energy furnished under this rate shall not be resold.
10. This tariff assumes use of metering technology capable of being read using automated equipment. Customers choosing the option to have a meter that is not capable of being read using automated equipment, thus requiring a manual reading, are subject to a monthly surcharge. Additional one-time meter change-out fees also apply. (See the RPU Miscellaneous Fee Schedule for the amount of the monthly surcharge and the one-time meter change-out fees).

MEDIUM GENERAL SERVICE

AVAILABILITY:

At all locations for loads where the demand is at least 75 kW or more for three or more billing periods in a given calendar year, but less than 1,000 kW, and where facilities of adequate capacity and suitable voltage are adjacent to the premises to be served. For loads where the service desired by the customer is not adjacent to the premises to be served, additional contract arrangements may be required prior to service being furnished. Customers with minimum loads of at least 50kW for three or more billing periods in a given calendar year but less than 75 kW can choose to be classified as Medium General Service (MGS) and be billed under the MGS rate schedule below. The choice, once elected, is irrevocable for 12 billing periods, and remain in force unless revoked in writing by the customer.

APPLICATION:

To commercial, industrial, and governmental customers with all service taken at one point and measured through one meter. Also applicable to temporary service in accordance with RPU's published Electric Service Rules and Regulations. Not applicable to standby service.

CHARACTER OF SERVICE:

Single or three phase, 60 Hertz, alternating current at any one of the standard secondary service voltages as described in RPU's published Electric Service Rules and Regulations.

RATE:

2019

Demand Charge:

Non-Summer /KW	\$ 17.830
Summer /KW	\$ 24.060

Energy Charge:

Non-Summer / kWh	5.650¢
Summer / kWh	5.650¢

Definition of Season: Summer months are June through September. Non-summer months are January through May and October through December.

POWER COST ADJUSTMENT:

Bills computed under this rate schedule are subject to adjustment in accordance with the Power Cost Adjustment (PCA).

POWER FACTOR ADJUSTMENT:

The customer agrees to maintain an average power factor of 0.95 or greater for the billing period and to prevent a leading power factor. If the customer's average power factor is less than 0.95 for the billing period, the billing demand will be determined by multiplying the measured demand by 0.95 and dividing the results by the customer's average power factor. The average power factor is defined to be the quotient obtained by dividing the kWh used during the month by the square root of the sum of the squares of the kWh used and the lagging reactive kilovoltampere-hours supplied during the same period. The customer's average power factor will be determined by means of permanently installed meters.

PRIMARY METER DISCOUNT:

Customers approved for metering at 13.8 kV will receive a discount of 1.25% on base rate charges for measured demand and energy.

MEDIUM GENERAL SERVICE (Cont.)

TRANSFORMER OWNERSHIP CREDIT:

Customers owning transformers will receive a credit on each month's measured demand.

2019

Credit per KW \$ 0.35

DETERMINATION OF DEMAND:

Measured demand is defined as the maximum rate at which energy is used for any period of fifteen consecutive minutes during the billing period. The billing demand shall be the greater of the measured demand for the billing period adjusted for power factor, or 50% of the maximum measured demand for the most current June-September billing periods adjusted for power factor. Billing periods may not coincide with calendar months.

MINIMUM BILL:

The minimum bill shall not be less than the billing demand, as provided above, whether or not energy is used.

PAYMENT:

Payments are due on or before the due date.

CONDITIONS OF DELIVERY:

1. Service furnished under this rate schedule is subject to applicable provisions of RPU's published Electric Service Rules and Regulations.
2. Unless authorized by separate written agreement, standby electric generating equipment installed by the customer shall not be interconnected or operated in parallel with the RPU system. Customer shall own, install, operate, and maintain electrical interlocking equipment, which will prevent parallel operation, and such equipment shall be approved by RPU prior to installation.
3. RPU shall not be liable for any damage or loss sustained by customer resulting from interruptions, deficiencies, or imperfections of service provided under this rate.
4. Energy furnished under this rate shall not be resold.

MEDIUM GENERAL SERVICE - HIGH EFFICIENCY HVAC

AVAILABILITY:

At all locations for loads where the demand is at least 75 kW or more for three or more billing periods in a given calendar year, but less than 1,000 kW, and where facilities of adequate capacity and suitable voltage are adjacent to the premises to be served, and to customers who:

1. Use either an air source or ground source heat pump as the only source of heating and cooling in their facility.
2. Use an electric water heater (usually connected to a desuperheater on the heat pump) as the only source of water heating.
3. Receive prior approval of the equipment from RPU. Note that equipment must be rated by the Air-Conditioning, Heating, and Refrigeration Institute (AHRI)* and at the time of installation, meet the minimum efficiency requirements found on the Commercial Heat Pumps Rebate Application in effect at the time. The current application is available at www.rpu.org.
4. Service under this rate must be separately metered from other facility loads.

*For air source and ground source heat pumps the efficiency ratings are determined using the Air-Conditioning, Heating and Refrigeration Institute's (AHRI) directory, which may be found at www.ahridirectory.org.

Note: Other all-electric HVAC systems may be considered for this rate if they meet the stated efficiency standards. To have a system considered, customers must submit an engineering analysis documenting the efficiency of the system.

APPLICATION:

To commercial, industrial, governmental, and other types of Medium General Service customers reconfiguring their current electric service, or adding a new service, to separately meter their high efficiency HVAC equipment. Not applicable to standby service.

CHARACTER OF SERVICE:

Single or three phase 60 Hertz, alternating current at any one of the standard secondary service voltages as described in RPU's published Electric Service Rules and Regulations.

**ROCHESTER PUBLIC UTILITIES
(RPU)**

**RATE SCHEDULE MGS-HEF
SHEET 2 OF 3**

MEDIUM GENERAL SERVICE - HIGH EFFICIENCY HVAC (Cont.)

RATE:	<u>2019</u>
Demand Charge per KW:	
Non-Summer	\$ 16.500
Summer	\$ 20.640
Energy Charge per kWh:	
Non-Summer	4.724¢
Summer	5.881¢

Definition of Season: Summer months are June through September. Non-summer months are January through May and October through December.

POWER COST ADJUSTMENT:

Bills computed under this rate schedule are subject to adjustment in accordance with the Power Cost Adjustment (PCA).

POWER FACTOR ADJUSTMENT:

The customer agrees to maintain an average power factor of 0.95 or greater for the billing period and to prevent a leading power factor. If the customer's average power factor is less than 0.95 for the billing period, the billing demand will be determined by multiplying the measured demand by 0.95 and dividing the results by the customer's average power factor. The average power factor is defined to be the quotient obtained by dividing the kWh used during the month by the square root of the sum of the squares of the kWh used and the lagging reactive kilovoltampere-hours supplied during the same period. The customer's average power factor will be determined by means of permanently installed meters.

PRIMARY METER DISCOUNT:

Customers approved for metering at 13.8 kV will receive a discount of 1.25% on base rate charges for measured demand and energy.

TRANSFORMER OWNERSHIP CREDIT:

Customers owning transformers will receive a credit on each month's measured demand.

	<u>2019</u>
Credit per KW	\$ 0.35

DETERMINATION OF DEMAND:

Measured demand is defined as the maximum rate at which energy is used for any period of fifteen consecutive minutes during the billing period. The billing demand shall be the greater of the measured demand for the billing period adjusted for power factor, or 50% of the maximum measured demand for the most current June-September billing periods adjusted for power factor (referred to as ratchet). Billing periods may not coincide with calendar months.

For an existing facility reconfiguring its current electric service to come under this rate by separately metering its high efficiency HVAC equipment, the ratchet will be removed from the current electric service. The ratchet will be effective beginning in October following the first separately metered high efficiency HVAC service during one of the summer billing periods, June-September.

At that time the ratchet will be reapplied to the current electric service and will be applied for the first time to the high-efficiency HVAC service.

MEDIUM GENERAL SERVICE - HIGH EFFICIENCY HVAC (Cont.)

MINIMUM BILL:

The minimum bill shall not be less than the billing demand, as provided above, whether or not energy is used.

PAYMENT:

Payments are due on or before the due date.

CONDITIONS OF DELIVERY:

1. Service under this rate is only for air source or ground source heat pumps and any other all-electric HVAC systems that meet the stated efficiency requirements as explained in the Availability subhead of this rate schedule.
2. Service under this rate must be separately metered from other facility loads.
3. Since the HVAC system must be separately metered for this rate, the customer is responsible for any rewiring and its associated costs.
4. Service provided under this rate is subject to applicable provisions of RPU's published Electric Service Rules and Regulations.
5. Energy provided under this rate shall not be resold.
6. RPU shall not be liable for any damage or loss sustained by the customer resulting from interruptions, deficiencies, or imperfections of service provided under this rate.
7. Unless authorized by separate written agreement, standby electric generating equipment installed by the customer shall not be interconnected, or operated in parallel, with the RPU system. Customer shall own, install, operate, and maintain electrical interlocking equipment, which will prevent parallel operation, and such equipment shall be approved by RPU prior to installation.

MEDIUM GENERAL SERVICE - TIME-OF-USE

AVAILABILITY:

At all locations for loads where the demand is at least 75 kW or more for three or more billing periods in a given calendar year, but less than 1,000 kW, and where facilities of adequate capacity and suitable voltage are adjacent to the premises to be served. For loads where the service desired by the customer is not adjacent to the premises to be served, additional contract arrangements may be required prior to service being furnished. RPU reserves the right to limit both the number of customers and the amount of load taken under this rate schedule.

APPLICATION:

To commercial, industrial, and governmental customers with all service taken at one point and measured through one meter. All electrical requirements at one location shall be taken under this rate schedule. Not applicable to temporary or standby service.

CHARACTER OF SERVICE:

Single or three phase, 60 Hertz, alternating current at any one of the standard secondary service voltages as described in RPU's published Electric Service Rules and Regulations.

RATE:

Meter Charge: Any additional meter charge for costs above RPU's standard MGS meter costs.

2019

Non-Summer :

On-peak Demand / KW	\$ 17.830
Off-peak Demand/ KW	\$ 1.933
Energy Charge / kWh	5.724¢

Summer:

On-peak Demand / KW	\$ 24.060
Off-peak Demand / KW	\$ 1.933
Energy Charge / kWh	5.724¢

Definition of Season: Summer months are June through September. Non-summer months are January through May and October through December.

Definition of On-Peak Demand: The maximum kW used by the customer in any fifteen-minute period between the hours of 10:00 a.m. and 10:00 p.m. Monday through Friday.

Definition of Off-Peak Demand: The maximum kW used by the customer in any fifteen-minute period during the off-peak period.

POWER COST ADJUSTMENT:

Bills computed under this rate schedule are subject to adjustment in accordance with the Power Cost Adjustment (PCA).

MEDIUM GENERAL SERVICE - TIME-OF-USE (Cont.)

POWER FACTOR ADJUSTMENT:

The customer agrees to maintain an average power factor of 0.95 or greater for the billing period and to prevent a leading power factor. If the customer's average power factor is less than 0.95 for the billing period, the billing demand will be determined by multiplying the measured demand by 0.95 and dividing the results by the customer's average power factor. The average power factor is defined to be the quotient obtained by dividing the kWh used during the month by the square root of the sum of the squares of the kWh used and the lagging reactive kilovoltampere-hours supplied during the same period. The customer's average power factor will be determined by means of permanently installed meters.

PRIMARY METER DISCOUNT:

Customers approved for metering at 13.8 kV will receive a discount of 1.25% on base rate charges for measured demand and energy.

TRANSFORMER OWNERSHIP CREDIT:

Customers owning transformers will receive a credit on each month's measured demand.

Credit per KW	<u>2019</u> \$ 0.35
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DETERMINATION OF DEMAND:

Measured demand is defined as the maximum rate at which energy is used for any period of fifteen consecutive minutes during the billing period.

BILLING DEMAND:

The on-peak billing demand shall be the greater of the measured on-peak demand for the billing period adjusted for power factor, or 50% of the maximum measured on-peak demand for the most current June-September billing periods adjusted for power factor. Billing periods may not coincide with calendar months.

The off-peak billing demand shall be the measured off-peak demand for the billing period adjusted for power factor less the on-peak billing demand for the billing period.

The total billing demand shall be the sum of the on-peak billing demand and the off-peak billing demand.

MINIMUM BILL:

The minimum bill shall not be less than the billing demand, as provided above, whether or not energy is used plus any meter charge.

PAYMENT:

Payments are due on or before the due date.

MEDIUM GENERAL SERVICE - TIME-OF-USE (Cont.)

CONDITIONS OF DELIVERY:

1. Service under this rate will be made available at the option of the medium general service customer, subject to the availability of the necessary TOU metering equipment.
2. Customers converting to the MGS-TOU rate from the MGS rate shall make a one-time payment to RPU for any conversion cost above the normal cost to install MGS-TOU metering.
3. A customer may switch back to the MGS rate providing the customer gives RPU at least 60 days notice and agrees to pay any metering conversion costs.
4. Service furnished under this rate schedule is subject to applicable provisions of RPU's published Electric Service Rules and Regulations.
5. Unless authorized by separate written agreement, standby electric generating equipment installed by the customer shall not be interconnected or operated in parallel with the RPU system. Customer shall own, install, operate, and maintain electrical interlocking equipment, which will prevent parallel operation, and such equipment shall be approved by RPU prior to installation.
6. RPU shall not be liable for any damage or loss sustained by customer resulting from interruptions, deficiencies, or imperfections of service provided under this rate.
7. Energy furnished under this rate shall not be resold.

Approved by Rochester Public Utility Board:
Effective Date:

November 20, 2018
January 1, 2019

LARGE GENERAL SERVICE

AVAILABILITY:

At all locations for loads where the measured demand is at least 1,000 kW or more for three or more billing periods in a given calendar year, but less than 10,000 kW, and where facilities of adequate capacity and suitable voltage are adjacent to the premises to be served. For loads where the service desired by the customer is not adjacent to the premises to be served, additional contract arrangements may be required prior to service being furnished.

APPLICATION:

To commercial, industrial, and governmental customers with all service taken at one point and measured through one meter. Also applicable to temporary service in accordance with RPU's published Electric Service Rules and Regulations. Not applicable to standby service.

CHARACTER OF SERVICE:

Three phase, 60 Hertz, alternating current at any one of the standard secondary service voltages as described in RPU's published Electric Service Rules and Regulations.

RATE:

	<u>2019</u>
Demand Charge / KW	\$ 20.000
Energy Charge / kWh	5.867¢

POWER COST ADJUSTMENT:

Bills computed under this rate schedule are subject to adjustment in accordance with the Power Cost Adjustment (PCA).

POWER FACTOR ADJUSTMENT:

The customer agrees to maintain an average power factor of 0.95 or greater for the billing period and to prevent a leading power factor. If the customer's average power factor is less than 0.95 for the billing period, the billing demand will be determined by multiplying the measured demand by 0.95 and dividing the results by the customer's average power factor. The average power factor is defined to be the quotient obtained by dividing the kWh used during the month by the square root of the sum of the squares of the kWh used and the lagging reactive kilovoltampere-hours supplied during the same period. The customer's average power factor will be determined by means of permanently installed meters.

PRIMARY METER DISCOUNT:

Customers approved for metering at 13.8 kV will receive a discount of 1.25% on base rate charges for measured demand and energy.

TRANSFORMER OWNERSHIP CREDIT:

Customers owning transformers will receive a credit on each month's measured demand.

	<u>2019</u>
Credit per KW	\$ 0.35

LARGE GENERAL SERVICE (Cont.)

DETERMINATION OF DEMAND:

Measured demand is defined as the maximum rate at which energy is used for any period of fifteen consecutive minutes during the billing period. The billing demand shall be the greater of the measured demand for the billing period adjusted for power factor, or 50% of the maximum measured demand for the most current June-September billing periods adjusted for power factor. Billing periods may not coincide with calendar months.

MINIMUM BILL:

The minimum bill shall not be less than the billing demand, as provided above, whether or not energy is used.

PAYMENT:

Payments are due on or before the due date.

CONDITIONS OF DELIVERY:

1. Service furnished under this rate schedule is subject to applicable provisions of RPU's published Electric Service Rules and Regulations.
2. Unless authorized by separate written agreement, standby electric generating equipment installed by the customer shall not be interconnected or operated in parallel with the RPU system. Customer shall own, install, operate, and maintain electrical interlocking equipment, which will prevent parallel operation, and such equipment shall be approved by RPU prior to installation.
3. RPU shall not be liable for any damage or loss sustained by customer resulting from interruptions, deficiencies, or imperfections of service provided under this rate.
4. Energy furnished under this rate shall not be resold.
5. A separate electric service agreement may be required for service under this rate schedule.

LARGE INDUSTRIAL SERVICE

AVAILABILITY:

At all locations for loads with measured demands in excess of 10,000 kW for three or more billing periods in a given calendar year, and where facilities of adequate capacity and voltage are adjacent to the premises to be served. For loads where the service desired by the customer is not adjacent to the premises to be served, contract arrangements may be required prior to service being furnished.

APPLICATION:

To industrial customers with all service taken at one point and measured through one meter or meter totalizer. Not applicable to stand-by service.

CHARACTER OF SERVICE:

Three phase, 60 Hertz alternating current at 13,800 GRDY/7970 volts.

RATE:

	<u>2019</u>
Demand Charge / KW	\$ 20.500
Energy Charge / kWh	5.240¢

POWER COST ADJUSTMENT:

Bills computed under this rate schedule are subject to adjustment in accordance with the Power Cost Adjustment (PCA).

POWER FACTOR ADJUSTMENT:

The customer agrees to maintain an average power factor of 0.95 or greater for the billing period and to prevent a leading power factor. If the customer's average power factor is less than 0.95 for the billing period, the billing demand will be determined by multiplying the measured demand by 0.95 and dividing the results by the customer's average power factor. The average power factor is defined to be the quotient obtained by dividing the kWh used during the month by the square root of the sum of the squares of the kWh used and the lagging reactive kilovoltampere-hours supplied during the same period. The customer's average power factor will be determined by means of permanently installed meters.

DETERMINATION OF DEMAND:

Measured demand is defined as the maximum rate at which energy is used for any period of fifteen consecutive minutes during the billing period. The billing demand shall be the greater of the measured demand for the billing period adjusted for power factor, or 50% of the maximum measured demand for the most current June-September billing periods adjusted for power factor. Billing periods may not coincide with calendar months.

MINIMUM BILL:

The minimum bill shall not be less than the billing demand, as provided above, whether or not energy is used.

LARGE INDUSTRIAL SERVICE (Cont.)

PAYMENT:

Payments are due on or before the due date.

CONDITIONS OF DELIVERY:

1. Service furnished under this rate schedule is subject to applicable provisions of RPU's published Electric Service Rules and Regulations.
2. Unless authorized by separate written agreement, stand-by electric generating equipment installed by the customer shall not be interconnected or operated in parallel with the RPU system: Customer shall own, install, operate, and maintain electrical interlocking equipment which will prevent parallel operation, and such equipment shall be approved by RPU prior to installation.
3. RPU shall not be liable for any damage or loss sustained by customer resulting from interruptions, deficiencies or imperfections of service provided under this rate.
4. Energy furnished under this rate shall not be resold.
5. Customer agrees to manage its utilization equipment so as not to unbalance the current per phase by more than 10%.
6. RPU may require a separate electric service agreement for service under this rate schedule.

INTERRUPTIBLE SERVICE

AVAILABILITY:

At all locations for customers who qualify and where facilities of adequate capacity and suitable voltage are adjacent to the premises to be served. Additional contractual arrangements may be required prior to service being furnished. RPU reserves the right to limit the amount of interruptible load taken by a customer and the total amount of interruptible load on the RPU system.

APPLICATION:

To commercial, industrial, and governmental customers contracting for electrical service for a period of one (1) year or more and having an interruptible load with a measured demand of 100 kW or more.

The INTR interruptible rate schedule is used in conjunction with the MGS, LGS, and LIS firm power rate schedules. To qualify for the INTR rate schedule, customers must have a minimum of 100 kW of interruptible demand. RPU reserves the right to limit the amount of interruptible load, which may be nominated.

Customers who qualify for the INTR rate shall either nominate an interruptible demand amount or a firm demand amount. Customers nominating an interruptible demand amount shall be required to interrupt at least the amount nominated, or their total load if their total load is less than the amount nominated. Customers nominating a firm demand amount shall be required to interrupt an amount sufficient to bring their load to or below the firm demand nominated. In no case shall the INTR rate be made available to customers with less than 100 kW of interruptible load.

All interruptible loads recognized under the INTR rate schedule shall be electrical loads that are coincident with RPU's system peak. Customers' electrical loads occurring outside this peak period shall not qualify for the INTR rate schedule. Any generation equipment used by the customer to qualify for the INTR rate shall be located at the site of the interruptible load such that RPU does not have to use its electrical facilities to transmit power for the customer.

CHARACTER OF SERVICE:

Three phase, 60 Hertz, alternating current at one of the standard secondary service voltages as described in RPU's published Electric Service Rules and Regulations. Service is subject to interruption at the sole discretion of RPU at any time during the year. There will be no more than 175 hours or 35 interruptions per year.

RATE:

MGS, LGS, and LIS customers are billed for interruptible power at the following rates:

Demand Charge per KW:

	<u>2019</u>
MGS	\$ 12.950
LGS	\$ 11.640
LIS	\$ 11.720

The Energy Charge per kWh shall be equal to the appropriate customer class energy rate defined in the rate tariffs for the MGS, LGS, and LIS customer classes.

INTERRUPTIBLE SERVICE (Cont.)

POWER COST ADJUSTMENT:

Bills computed under this rate schedule are subject to adjustment in accordance with the Power Cost Adjustment (PCA).

POWER FACTOR ADJUSTMENT:

The customer agrees to maintain an average power factor of 0.95 or greater for the billing period and to prevent a leading power factor. If the customer's average power factor is less than 0.95 for the billing period, the billing demand will be determined by multiplying the measured demand by 0.95 and dividing the results by the customer's average power factor. The average power factor is defined to be the quotient obtained by dividing the kWh used during the month by the square root of the sum of the squares of the kWh used and the lagging reactive kilovoltampere-hours supplied during the same period. The customer's average power factor will be determined by means of permanently installed meters.

PRIMARY METER DISCOUNT:

Customers approved for metering at 13.8 kV will receive a discount of 1.25% on base rate charges for measured demand and energy.

TRANSFORMER OWNERSHIP CREDIT:

Customers owning transformers will receive a credit on each month's measured demand.

Credit per / KW	<u>2019</u>
	\$ 0.35

SURCHARGE:

Customers whose service is taken outside the Rochester City limits are subject to a 10% surcharge on their bills (excluding charges computed under the Power Cost Adjustment).

PENALTY:

Unauthorized use of electricity during a peak period of service interruption ordered by RPU will require the customer to pay a penalty (in addition to standard charges) which is reflective of the uninterrupted load's cost impact on RPU's wholesale power cost from SMMPA over the ensuing 12 months:

- A. No impact - No penalty
- B. Occurs on monthly peak - Uninterrupted kW contribution to RPU's peak is billed at SMMPA rate.
- C. Occurs on annual peak (as determined by analysis from October 1 analysis of summer demands) - Uninterrupted kW contribution to RPU's annual peak is additionally penalized at two times SMMPA rate and added to participants October billing.

Exception for first-time participants in an RPU peak reduction rate who have interruptible nominations of less than 500KW: The penalty for failure to interrupt will be waived during the initial 24 months.

DETERMINATION OF DEMAND:

Measured demand is defined as the maximum rate at which energy is used for any period of fifteen (15) consecutive minutes during the billing period.

INTERRUPTIBLE SERVICE (Cont.)

BILLING DEMAND:

Customers nominating an amount of interruptible demand are required to interrupt at least their nominated interruptible demand. Customers may interrupt demand greater than their nominated interruptible demand. The billed interruptible demand for the month shall be the hourly integrated demand interrupted during the peak period of a service interruption requested by RPU. This interruptible demand will be billed at the appropriate interruptible rate for that month. Where no RPU requested interruption occurs during the month, all demand above the nominated interruptible demand shall be billed at the firm demand rate under the appropriate MGS, LGS, or LIS firm rate schedule.

Customers nominating an amount of firm demand are required to interrupt all demand over their firm service level.

Customers may interrupt demand below the firm service level. When peak metered demand for the billing period is equal to or greater than the firm service level, the Firm Billing Demand shall be equal to the actual metered demand during the RPU-requested service interruption concurrent with the system peak for the billing period. When peak metered demand for the billing period is less than the firm service level, the Firm Billing Demand will be the greater of either the peak metered demand for the billing period minus the actual demand reduction during the RPU-requested service interruption concurrent with the RPU system peak for the billing period, or 50% of the Firm Demand Nomination for the most current June-September months minus the actual demand reduction during the RPU-requested service interruption concurrent with the RPU system peak for the billing period. All demand above the firm service level for the month shall be billed at the appropriate interruptible rate. Where no RPU requested interruption occurs during the month, all demand up to the firm demand nomination shall be billed at the appropriate firm demand rate.

Both firm and interruptible billing demands shall be adjusted for power factor.

There is no ratchet provision for interruptible demand.

MINIMUM BILL:

The minimum bill shall not be less than the adjusted billing demand, as provided above, whether or not energy is used.

PAYMENT:

Payments are due on or before the due date.

CONDITIONS OF DELIVERY:

1. Service furnished under this rate schedule is subject to applicable provisions of RPU's published Electric Service Rules and Regulations.
2. The Customer shall install, own, operate, and maintain the equipment necessary to interrupt its load.
3. In certain cases, the interruptible portion of the customer's load may have to be metered separately.

INTERRUPTIBLE SERVICE (Cont.)

4. The Customer shall pay in advance of construction, all costs estimated by RPU for facilities located on Customer's premises which are necessary to serve the interruptible portion of the Customer's load and which duplicate other RPU facilities which are utilized to deliver electric service under other schedules. This includes any special metering needed for RPU to administer the INTR rate. Upon completion of the installation of such facilities by RPU, the actual cost of such facilities shall be charged to the Customer with the Customer's advance payment being applied as credit to such actual costs. The cost of major renewal and replacement of RPU-owned electric facilities located on the Customer's premises which are utilized for interruptible service and which duplicate other RPU facilities, shall be borne by the Customer.
5. When notified by RPU, the Customer shall remove the interruptible portion of its load from RPU's system in two (2) hours or less.
6. Upon one year's notice to the Customer, RPU may modify the hours and frequency of interruption specified herein to reflect changes in RPU's electric system load characteristics.
7. Interruptions of service caused by fire, accident, explosion, flood, strike, acts of God, or causes other than intentional interruptions ordered by RPU shall not be considered in determining the hours or frequency of interruption specified herein.
8. RPU, at its sole discretion, may immediately terminate service under this rate schedule upon the repeated unauthorized use of electricity by the customer during periods of interruption ordered by RPU.
9. Interruptible service shall not be used as standby for any other forms of energy or fuel.
10. Unless authorized by separate written agreement, standby electric generating equipment installed by the Customer shall not be interconnected or operated in parallel with the RPU system. Customer shall own, install, operate, and maintain electrical interlocking equipment, which will prevent parallel operation, and such equipment shall be approved by RPU prior to installation. RPU shall have the right to inspect the Customer's interrupting facilities as often as deemed prudent by RPU to verify their operating condition and proper interconnection.
11. RPU shall not be liable for any damage or loss sustained by Customer resulting from interruptions, deficiencies or imperfections of service provided under this rate.
12. Energy furnished under this rate shall not be resold.
13. Customers shall provide RPU with sufficient advance notice of their intention to use the INTR rate to allow RPU time to provide any necessary supplemental equipment and metering.
14. Customers using the INTR rate shall notify RPU in writing of their intention to use either the interruptible demand nomination or the firm demand nomination and the amount of their interruptible or firm loads.
15. Customers may change their method of nomination or level of nomination or both no more frequently than once per year with 60 days written notice and approval from RPU.

POWER COST ADJUSTMENT

APPLICATION:

Applicable to all rate schedules where there is a kWh charge.

1. The Power Cost Adjustment will be determined monthly, on a 12 month rolling average basis with application to the first revenue cycle each month.
2. The Power Cost Adjustment is determined by calculating the average actual cost per kWh of retail power supply from all sources during the previous 12 months, and subtracting the Established Power Supply Cost. All calculations will be carried out to \$.00001 per kWh. Power supply costs include the cost of purchased power including charges for energy, demand, transmission, cost adjustments, and fees for regional power grid services.
3. The Established Power Supply Cost Base of \$0.07285 was determined by the 2014 cost of service study. The base will remain at this level until subsequent review identifies a permanent and substantial change in the cost of power.
5. The Power Cost Adjustment will be the difference between the actual amount per kWh calculated in #2 above and the Established Power Supply Cost Base/ kWh.. This dollar amount per kWh will be added (subtracted) to each kWh of sales.

LOAD MANAGEMENT CREDITS

AVAILABILITY:

To customers participating in RPU's direct control load management program.

APPLICATION:

This rate schedule rider is to be applied in conjunction with all applicable rate schedules:

CREDITS:

	Monthly Credit	# Months Applied
Qualifying Central Air Conditioner	\$ 3.00 each	5 months (May through September)
Qualifying Electric Water Heater	\$ 3.00 each	12 months

TERMS AND CONDITIONS:

1. Participation in the direct control load management program is voluntary.
2. Customer agrees to participate in the program for one year or longer.
3. Qualifying appliances are central air conditioners up to 8 kW and electric water heaters with a minimum capacity of 40 gallons. Central air-conditioners above 8 kW, electric water heaters above 85 gallons, and other appliances or electrical loads applicable to direct control load management by RPU may be accepted by RPU in this program. In these cases, applicable credits will be calculated on a case by case basis.
4. Customer agrees to not utilize any other load management system in conjunction with equipment directly controlled by RPU.
5. RPU shall not be liable for any damage or loss sustained by customer resulting from interruptions, deficiencies, or imperfections of service provided under this rate.

CITY STREET LIGHTING

AVAILABILITY:

To the City of Rochester for the illumination of public thoroughfares by means of RPU owned overhead street lighting facilities.

RATE:

Per kWh for all kWh Billed	<u>2019</u>
Mercury Vapor (all Sizes)	23.249¢
Metal Halide (All Sizes)	24.657¢
LED (All Sizes)	39.942¢
High Pressure Sodium (All Sizes)	23.249¢

POWER COST ADJUSTMENT:

Bills computed under this rate schedule are subject to adjustment in accordance with the Power Cost Adjustment (PCA).

CONDITIONS OF DELIVERY:

1. This rate is based on lamps being lighted every night from approximately 30 minutes after sunset to 30 minutes before sunrise, providing dusk to dawn operation.
2. RPU will replace inoperative lamps and otherwise maintain luminaires during regular daytime hours. No credit will be allowed for periods during which the lamps are out of service. Routine lamp replacement will be made on a group replacement schedule.
3. RPU will determine the amount of energy used during any month by multiplying the rated kilowatt capacity of all lamps and accessory equipment by 350 hours for the month.
4. RPU shall not be liable for any damage or loss sustained by customer resulting from interruptions, deficiencies, or imperfections of service provided under this rate.

TRAFFIC SIGNALS

AVAILABILITY:

To governmental units for electric service to customer-owned traffic signal systems on public streets.

RATE:

Monthly Fixed charge: per traffic signal control cabinet served:

	<u>2019</u>
Fixed Charge:	\$ 34.00
Energy Charge / kWh	10.547¢

MINIMUM BILL:

The minimum bill is per traffic signal control cabinet served for any month or portion of a month.

2019
\$ 34.00

POWER COST ADJUSTMENT:

Bills computed under this rate schedule are subject to adjustment in accordance with the Power Cost Adjustment (PCA).

CONDITIONS OF DELIVERY:

1. RPU shall not be liable for any damage or loss sustained by customer resulting from interruptions, deficiencies, or imperfections of service provided under this rate.

CIVIL DEFENSE SIRENS

AVAILABILITY:

At all locations where facilities of adequate capacity and suitable voltage are adjacent to the location of the siren to be served.

APPLICATION:

To Olmsted County Civil Defense for the periodic operation of civil defense sirens.

CHARACTER OF SERVICE:

Single of three phase, 60 Hertz, alternating current at any one of the standard secondary service voltages as described in RPU's published Electric Service Rules and Regulations.

RATE:

	<u>2019</u>
Per Siren per month	\$ 16.60

MINIMUM BILL:

The minimum bill is per siren for any month or portion of a month.

	<u>2019</u>
Minimum Bill	\$ 16.60

PAYMENT:

Bills will be rendered monthly; payments are due on or before the due date.

CONDITIONS OF DELIVERY:

1. The customer shall furnish, install, own, operate, and maintain all sirens. The customer shall also furnish, install, own, and maintain any structures required for the mounting and support of sirens; except where the customer specifically requests and RPU agrees to use RPU owned poles for this purpose. In such cases, RPU will assist in the installation and removal of sirens and the customer shall pay RPU for the actual costs thereof.
2. When RPU does not have secondary service available at the siren location and it is necessary to install a transformer or to extend secondary lines a distance greater than 150 feet, the customer shall pay RPU the actual costs for installing the transformer and/or making such line extensions.
3. RPU will make the connection and disconnection with its distribution lines.
4. Loads other than sirens shall not be connected to the siren's circuit.
5. The customer shall furnish RPU with a map indicating the location of sirens to be operated and shall notify RPU at least 30 days in advance of the planned addition, removal, or relocation of any siren.
6. RPU shall not be liable for any damage or loss sustained by customer resulting from interruptions, deficiencies, or imperfections of service provided under this rate.

SECURITY LIGHTING

AVAILABILITY:

At all locations whenever the service can be provided with overhead wiring on an existing RPU owned pole.

APPLICATION:

To all classes of customers contracting for security lighting.

RATE:

Monthly Charge

Mercury Vapor Lights (Closed)

<u>Size</u>	<u>2019</u>
175 Watt Mercury Vapor	\$ 10.65
250 Watt Mercury Vapor	\$ 13.02
400 Watt Mercury Vapor	\$ 18.50

High Pressure Sodium Vapor Lights (Closed)

<u>Size</u>	<u>2019</u>
70 Watt	\$ 9.27
100 Watt	\$ 11.04
150 Watt (Roadway)	\$ 12.42
250 Watt	\$ 15.46
400 Watt	\$ 20.27

Light Emitting Diode (LED) Lights

<u>Size</u>	<u>2019</u>
LED Area Light	\$ 11.04
LED Roadway Light	\$ 15.46

PAYMENT:

Bills will be rendered monthly; payments are due on or before the due date.

CONDITIONS OF DELIVERY:

1. RPU will furnish, install, own, and maintain a standard lighting unit consisting of a luminaire, complete with lamp and control device wired for operation, supported by a bracket mounted on an RPU owned pole, and will supply all electrical energy necessary for the operation of the unit.
2. When RPU does not have a suitable pole or secondary service available at the desired location and it is necessary to install a transformer or a pole or to extend secondary lines a distance greater than 150 feet, the customer shall pay RPU the actual costs for installing the transformer or pole and/or making such line extensions.
3. Service under this rate is not available underground or in underground areas unless the customer pays RPU the complete cost of the necessary underground facilities.
4. Lamps will automatically be switched on approximately 30 minutes after sunset and off 30 minutes before sunrise, providing dusk to dawn operation of approximately 4,200 hours per year.
5. RPU will make every attempt to replace inoperative lamps and maintain luminaries during regular daytime work hours within 3 working days after notification by the customer. No credit will be allowed for periods during which the lamp was out of service.

SECURITY LIGHTING (Cont.)

CONDITIONS OF DELIVERY:

6. RPU will, at the customer's expense, relocate or change the position of any lamp or pole as requested in writing by the customer.
7. Service furnished under this rate is subject to applicable provisions of RPU's published Electric Service Rules and Regulations.
8. RPU shall not be liable for any damage or loss sustained by customer resulting from interruptions, deficiencies, or imperfections of service provided under this rate.

UNMETERED DEVICE RATE

AVAILABILITY:

At all locations where facilities of adequate capacity and suitable voltage are adjacent to the location of the device to be served.

APPLICATION:

To commercial customers where the estimated monthly kwh required does not exceed 300 kwh and is determined by RPU to not warrant a meter.

CHARACTER OF SERVICE:

Single of three phase, 60 Hertz, alternating current at any one of the standard secondary service voltages as described in RPU's published Electric Service Rules and Regulations.

RATE:

	<u>2019</u>
Fixed Charge per device per month	\$ 11.18
Energy Charge / kWh	11.448¢

MINIMUM BILL:

The minimum bill is per device for any month or portion of a month.

	<u>2019</u>
Minimum Bill	\$ 11.18

PAYMENT:

Bills will be rendered monthly; payments are due on or before the due date.

CONDITIONS OF DELIVERY:

1. The customer shall furnish, install, own, operate, and maintain all devices. The customer shall also furnish, install, own, and maintain any structures required for the mounting and support of devices; except where the customer specifically requests and RPU agrees to use RPU owned poles for this purpose. In such cases, RPU will assist in the installation and removal of devices and the customer shall pay RPU for the actual costs thereof.
2. When RPU does not have secondary service available at the device location and it is necessary to install a transformer or to extend secondary lines a distance greater than 150 feet, the customer shall pay RPU the actual costs for installing the transformer and/or making such line extensions.
3. RPU will make the connection and disconnection with its distribution lines.
4. Loads other than the device shall not be connected to the device's circuit.
5. The customer shall furnish RPU with a map indicating the location of sirens to be operated and shall notify RPU at least 30 days in advance of the planned addition, removal, or relocation of any siren.
6. RPU shall not be liable for any damage or loss sustained by customer resulting from interruptions, deficiencies, or imperfections of service provided under this rate.

CLEAN AIR RIDER

APPLICATION:

The Clean Air Rider (CAR) will be used to recover costs related to renewable and environmental improvement programs and projects approved by the Utility Board. Applicable to all rate classes billed in kWh.

CONDITIONS OF DELIVERY:

1. Emission Reduction Project at Silver Lake Plant:
 - a. The CAR for the Emission Reduction Project (ERP) at the Silver Lake Plant is to recover the annual debt service of the project.
 - b. The CAR for the ERP will be calculated by dividing the ERP debt service requirements by the KWH forecast for all rate classes. This monthly charge under the CAR Schedule for 2019 is \$0.00166/kwh.
 - c. The CAR will terminate for the ERP with payment of all debt service requirements.
 - d. An annual true-up will be done comparing the actual amount collected to the actual debt service requirement. The amount over or under collected will adjust future years debt service requirements used in the calculation.

Approved by Rochester Public Utility Board:
Effective Date:

November 20, 2018
January 1, 2019

SCHEDULE I

ROCHESTER PUBLIC UTILITIES
COGENERATION AND SMALL POWER PRODUCTION TARIFF

AVAILABILITY:

By separate written agreement only.

APPLICATION:

To residential and general service customers contracting for electric service for one year or more, with all service taken at one point and where part or all of the electrical requirements of the customer can be supplied by customer-owned electrical generating equipment which is connected for operation in parallel with RPU's system.

This rate schedule rider is to be applied in conjunction with the following schedules:

Residential Service	(RES)
General Service	(GS)
Medium General Service	(MGS)
Large General Service	(LGS)
Large Industrial Service	(LIS)
Power Cost Adjustment	(PCA)

CHARACTER OF SERVICE:

Single or three phase, 60 Hertz alternating current at any one of the standard secondary service voltages as described in RPU's published electric Service Rules and Regulations.

RATE:

Demand Charge:

The demand charge shall be determined in accordance with the applicable rate schedule (MGS, LGS and LIS customers only) and shall be applied in accordance with the provisions of Section VII (C) of RPU's Rules Covering Cogeneration and Small Power Production Facilities.

Energy Charge:

The energy charge shall be determined in accordance with the applicable rate schedule (RES, GS, MGS, LGS or LIS customers) and shall be applied in accordance with the provisions of Section VII (B or C as applicable) of RPU's Rules Covering Cogeneration and Small Power Production Facilities.

Minimum Charge: The minimum charge shall be determined in accordance with the applicable rate schedule (RES, GS, MGS, LGS, or LIS customers).

Energy and Capacity Credits: The energy and capacity credits shall be applied in accordance with the provisions of Section VII (B or C as applicable) of RPU's Rules Covering Cogeneration and Small Power Production Facilities.

POWER COST ADJUSTMENT:

The energy credit computed under this rate schedule rider is subject to a Power Cost Adjustment.

PAYMENT:

Payments are due on or before the due date.

1. **CONDITIONS OF DELIVERY:** Service furnished under this rate schedule rider is subject to applicable provisions of RPU's published Electric Service Rules and Regulations and Rules Covering Cogeneration and Small Power Production.
2. Service under this rate schedule rider will be furnished only to customers whose maximum electrical generating capacity is 40 kW or less; such service may be limited at the sole discretion of RPU, to those customers who obtain "qualifying" status under FERC Regulations (18CFR Part 292) implementing section 201 of the Public Utility Regulatory Policies Act of 1978.
3. Service under this rate schedule rider will be furnished only after the customer and RPU have entered into a separate written agreement which specifies the type of metering and interconnection facilities to be employed, the responsibilities for installation, ownership, and maintenance of these facilities, and the procedures required for safe and technically acceptable operation of parallel electrical generating equipment.
4. RPU shall not be liable for any damage or loss sustained by the customer resulting from the parallel operation of the customer's electrical generating equipment, or resulting from interruptions, deficiencies, or imperfections of service provided under this rate schedule rider.
5. Energy furnished under this rate schedule rider shall not be resold.

RPU Public Electric Vehicle Charging Rate

AVAILABILITY:

To Electric and Plug-in Hybrid vehicles with level 1 or level 2 charging capability, at RPU managed car charging stations.

RATE:

Per hour of plugged in time	<u>Amount</u>
The hours of 4 pm – 7 pm	\$2.00 per hour
All other hours	75¢ per hour

CONDITIONS OF DELIVERY:

1. Customers must be registered with ChargePoint and have a ChargePoint RFID card, or have the ChargePoint app installed on a smartphone. Instructions are available at ChargePoint.com. *
2. Station payment is managed by a third party, ChargePoint.com, and requires prepayment by credit card. RPU is unable to take payment to recharge your ChargePoint card. *
3. It is recommended to have a smartphone enabled device with the Chargepoint App installed.
4. Rates are applied during the time period the car is plugged in. Not when the car starts or finishes charging.
5. RPU shall not be liable for any damage or loss sustained by customer resulting from interruptions, deficiencies, or imperfections of service provided under this rate.

**For instructions on how to register for a ChargePoint RFID card, please visit ChargePoint.com or contact RPU Customer Service*

Approved by Rochester Public Utility Board:
Effective Date:

November 14, 2017
January 1, 2018

LINE EXTENSIONS

AVAILABILITY:

Available to all customers and developers in RPU's Service Territory.

APPLICATION:

The Rules for Line Extensions in this schedule apply to all existing and prospective customers requesting a new line extension or change of existing service.

RATE:

Amount

Residential

\$900 / Standard Service***

Commercial, Industrial and
Multi-Family Housing

Installed transformer Capacity

Rate

Up to 25 kVA

\$1,100 / Standard Service*

25 kVA up to 50 kVA

\$2,500 / Standard Service*

50 kVA up to 75 kVA

\$4,500 / Standard Service*

75 kVA up to 10,000 kVA

Total cost of Standard Service less a credit of \$63/kVA of installed transformer Capacity**

Above 10,000 kVA and/or

Non-standard Service

Negotiated

*Single Phase Service is assumed. If three phase service is requested, the customer must also pay the difference between three phase and single phase service.

**In cases where the installed transformer credit offsets the total cost of the Standard Service, no additional amount will be charged.

***For the purposes of this rate schedule, Standard Residential Service is considered to be a single lot or single structure with three or fewer dwelling units.

PAYMENT:

Payments must be received before work on the line extension or enhancement will begin.

**2019 MISCELLANEOUS FEES
ELECTRIC UTILITY**

	<u>2019 Rate</u>
NSF Check	\$ 30.00
Meter Test – Residential (2 nd request within the past 12 months)	\$100.00
Meter Test – Commercial (2 nd request within the past 12 months)	\$210.00
Outage Call (The problem is with the customers equipment, and this is the second request within the past twelve months)	\$100.00
Copies per page, black & white	\$ 0.25
Copies , black & white, duplex	\$ 0.50
Copies per page, color (from color printer, not copier)	\$ 0.35
Non pay Disconnection/Reconnection (Workdays, 8:00 AM- 5:00PM) (Additional reconnection fees apply for after hours reconnections)	\$ 70.00
Meter Connections After Hours	
Workdays, 5:00 PM - 9:00 PM	\$145.00
Workdays, 9:00 PM – 8:00 AM	\$230.00
Non-Workdays	\$230.00
Holidays	\$230.00
House Move Investigation	\$350.00
Optional Non-AMR Meter Change out Fee Electric	\$200.00
Optional Non-AMR Meter Monthly Fee per premise	\$ 55.00
Temporary Residential Meter Installation Fee	\$100.00
Temporary Commercial Meter Installation Fee	\$760.00
Pole Disconnection/Reconnection (Commercial)	\$295.00
Meter Tampering	\$240.00
Meter Service Call	\$ 70.00
Infraview Service – Per hour	\$115.00

**ROCHESTER PUBLIC UTILITIES
(RPU)**

**RATE SCHEDULE WTR-C
SHEET 1 OF 2**

WATER SERVICE

AVAILABILITY:

At all locations within the Rochester City limits and at locations external to the City limits, that have been authorized by the Rochester Common Council.

MONTHLY RATE:

<u>Customer Charge:</u>	<u>Size of Meter</u>	<u>2019</u>
	5/8"	\$ 7.95
	3/4"	\$ 11.30
	1"	\$ 18.17
	1-1/2"	\$ 35.05
	2"	\$ 55.34
	3"	\$ 102.96
	4"	\$ 170.82
	6"	\$ 340.47
	8"	\$ 608.89

<u>Commodity Charge Rate/CCF:</u>	<u>2019</u>
Residential 0 - 7 CCF	86.2¢
7.01 - 12 CCF	93.8¢
12.01 and over CCF	106.5¢

Commercial	86.2¢
Industrial	86.2¢
Interdepartmental	86.2¢
Irrigation Meter (All Classes)	106.5¢

NOTE: Customers whose service is taken outside the Rochester city limits with individual water systems not connected to the City water system shall have a rate of 2.0 times the customer and commodity charges.

MINIMUM BILL:

Applicable monthly customer charge according to size of meter provided.

PAYMENT:

Payments are due on or before the due date.

CONDITIONS OF DELIVERY:

1. Service furnished under this rate schedule is subject to connection policies of the Rochester City Council.
2. Service furnished under this rate schedule is subject to provisions of RPU's Water Service Rules and Regulations.

3. RPU shall not be liable for damage or loss sustained by customer in conjunction with taking service under this rate.
4. Water furnished under this rate shall not be resold.
5. This tariff assumes use of metering technology capable of being read using automated equipment. Customers choosing the option to have a meter that is not capable of being read using automated equipment, thus requiring a manual reading, are subject to a monthly surcharge. Additional one-time meter change-out fees also apply. (See the RPU Miscellaneous Fee Schedule for the amount of the monthly surcharge and the one-time meter change-out fees).

FIRE HYDRANT FACILITIES CHARGE

APPLICABILITY:

To all residential and commercial and industrial water utility customers.

MONTHLY RATE:

<u>Customer Class</u>	<u>2019</u>
Residential	\$.95
Commercial/Industrial	\$ 3.90

BILLINGS:

Billings will be on a monthly basis.

PAYMENT:

Payments are due on or before the due date.

CONDITIONS OF DELIVERY:

1. RPU shall not be liable for any damage or loss sustained by customer resulting from interruptions, deficiencies, or imperfections of service provided under this rate.
2. The rate will not be applied to water service meters that are used exclusively for irrigation purposes.
3. The rate will not be applied to water service meters that are not connected to the City's central water system.
4. The rate will be applied regardless of the property's water service status (active or non-active).

**2019 MISCELLANEOUS FEES
WATER UTILITY**

	<u>2019 Rate</u>
Water Main Tapping Fee ¾”	\$225.00
Water Main Tapping Fee 1 “	\$225.00
Water Main Tapping Fee 4 “	\$760.00
Water Main Tapping Fee 6 “	\$760.00
Water Main Tapping Fee 8 “	\$760.00
Water Main Tapping Fee 10 “	\$760.00
Water Main Tapping Fee 12 “	\$760.00
Frozen Meter Repair	\$ 90.00
Optional Non-AMR Meter Change out Fee Water	\$ 80.00
Optional Non-AMR Meter Monthly Fee per premise	\$ 55.00
Hydrant Meter Rental	
Flat fee for installation and Retrieval (plus tas)	\$120.00
Addition for 1” Meter	\$ 40.00
Addition for 2-3” Meter	\$ 80.00
Unauthorized Use – Valve or Hydrant (Per Occurance)	\$500.00
Water Leak Detection	
1 person	\$170.00
2 people	\$320.00
Curb Box Operation	\$ 50.00
Meter Removal Fee	\$ 50.00
Meter Installation Fee	\$ 50.00
Frozen Pipes – per man hour	\$ 85.00
After Hours Tower Access	\$130.00

Approved by Rochester Public Utility Board:
Effective Date:

November 20, 2018
January 1, 2019