

TITLE

Superior Water, Light and Power Company
 2915 Hill Ave
 Superior, Wisconsin 54880

Schedule of Rates for Electricity,
 Gas and Water supplied in Douglas County:

Electric	Gas	Water
City of Superior	City of Superior	City of Superior
Town of Frog Creek*	Town of Amnicon	Village of Superior
Town of Lakeside	Town of Bennett	
Town of Parkland	Town of Brule	
Town of Superior	Town of Hawthorne	
Town of Wascott	Town of Highland	
Town of Hawthorne	Town of Maple	
	Town of Parkland	
Village of Oliver	Town of Solon Springs	
Village of Superior	Town of Superior	
*Washburn County	Village of Lake Nebagamon	
	Village of Poplar	
	Village of Solon Springs	
	Village of Superior	

Rate Report Volume No 1

Original Schedules Issued March 1, 1981
 Original Schedules Effective March 1, 1981
 Revised Sheets Issued and Effective as Noted Thereon

Issued: August 9, 2017
 PSC Authorization by Order No. 5820-UR-114

EFFECTIVE FOR SERVICE ON AND AFTER:
August 14, 2017
Letter: SJP 08/09/17

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SUPERIOR WATER, LIGHT AND POWER COMPANY
Superior, Wisconsin

Vol 1 SHEET NO E1
Rev. _____ SCHEDULE ER-1
AMEND NO 116

ELECTRIC - RESIDENTIAL SERVICE

APPLICATION

To electric service for residential customers in single-family dwellings for all domestic uses.

RATE (Monthly)

Customer Charge

\$9.00 for each single-phase metered service.

Energy Charge

\$0.1150 per kWh.

MINIMUM CHARGE (Monthly)

The Customer Charge.

TYPE OF SERVICE

Single phase, at approximately 60 hertz, and approximately 120 volts two-wire or 120/240 volts three-wire, supplied through one meter at one point of delivery.

CONTRACT PERIOD

Not less than one year. If customer requests that service be disconnected and within twelve months applies for reconnection at the same location, in lieu of the minimum monthly charge for the months so disconnected, there will be a reconnection charge of \$50.00 during regular business hours and \$100.00 outside of regular business hours.

SERVICE REGULATIONS

Service is subject to the orders of regulatory bodies having jurisdiction and to the Company's Service Regulations.

PROMPT PAYMENT OF BILLS

See Section XIV - "Charges and Billings" of the Company's Service Regulations starting on page SR 8.

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ELECTRIC - RESIDENTIAL SERVICE

SPECIAL RULES

- 1) This schedule is applicable to energy used for domestic purpose only by residential customers living in single-family dwellings, except as hereinafter provided.
 - a) All classes of domestic lighting, heating and cooking equipment and motors conforming to b) below, used strictly for household purposes, will be supplied under this schedule.
 - b) Household motors supplied through the residential meter shall not interfere with the lighting service and shall not disturb the service to neighboring customers. Motors shall not exceed the Company's starting current limits nor shall any motor have a rated capacity in excess of 5 horsepower.
 - c) Transformer-type welders not conforming to PSC 113.101 (5) (a) of Wis Administrative Code, other equipment having highly fluctuating or intermittent operating characteristics and motors not conforming to b) above shall be served through a separate meter on Schedule EC-1 or EC-3.
- 2) In buildings constructed after March 1, 1980, having two or more dwelling units, hereinafter referred to as apartments, each apartment shall be classed as a single-family dwelling. Service within a building must be through a separate meter for each apartment or combined through one meter for two or more apartments.

Where service is separately metered, this schedule shall apply as though each separately metered apartment were a single-family dwelling. (For customers grandfathered in as of June 1, 1995)

Where service to two or more apartments is combined through one meter, this schedule shall be modified by multiplying each of the blocks of the Energy Charge by the number of apartments served through one meter and by applying one Customer Charge for each four apartments or fraction thereof. Service shall not be sub-metered or resold.

Apartment Defined

 - a) An apartment is defined as a portion of a building consisting of two or more rooms completely equipped for living purposes. Janitor's quarters shall be classed as an apartment.
 - b) In buildings where five or more rooms, exclusive of other apartments, are rented or are for rent, each five rooms or major fraction thereof (real estate rating), exclusive of apartments, shall be counted as an apartment.
- 3) A customer occupying a building or apartment for residential and commercial purposes jointly may combine their residential and commercial use on Schedule EC-1 or EC-3 but not under this schedule.
- 4) The public portion of apartment buildings, such as lobbies, halls, laundry rooms, boiler rooms, etc., and the power equipment, such as coal stokers, oil burners, air conditioners, elevators, etc., shall be served on Schedule EC-2 or EC-3.

EFFECTIVE FOR SERVICE ON AND AFTER:

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August 14, 2017
Letter: SJP 08/09/17

ELECTRIC - GENERAL SERVICE NON-DEMAND

R

APPLICATION

To all electric service supplied to any residential, commercial or industrial customer for lighting, power and other purposes with metered loads not to exceed 25 kW.

Not applicable for standby, resale or shared service.

Customers served under this schedule whose maximum 15-minute demand has exceeded 25 kW during any of the past 12 consecutive months shall be billed under Schedule EC-3. Once on schedule EC-3, if demand stays below 25 kW for 12 consecutive months, the customer will move back under schedule EC-1.

A
A
A

RATE (Monthly)

Customer Charge

\$11.00 for each single-phase metered service.
\$16.00 for each three-phase metered service.

R
R

Energy Charge*

\$ 0.1126 per kWh.
*Subject to the Power Cost Adjustment Clause.

R

MINIMUM CHARGE (Monthly)

The Customer Charge.

PROMPT PAYMENT OF BILLS

See Section XIV - "Charges and Billings" of the Company's Service Regulations starting on page SR 8.

D

ELECTRIC - GENERAL SERVICE NON-DEMAND

TYPE OF SERVICE

Single-phase, at approximately 60 hertz, and approximately 120 volts two-wire or 120/240 volts three-wire, supplied through one meter at one point of delivery.

Three-phase, at approximately 60 hertz, and approximately 240 volts or 480 volts three-wire, supplied through one meter at one point of delivery.

Three-phase, at approximately 60 hertz, and approximately 120/240, 120/208 and 277/480 volts four-wire, supplied through one meter at one point of delivery.

If customer requires service at voltages other than those specified or at dual voltage, customer will furnish and maintain the additional equipment required and metering will be done at Company's supply line voltage.

CONTRACT PERIOD

Not less than one year.

SERVICE REGULATIONS

Service is subject to the orders of regulatory bodies having jurisdiction and to the Company's Service Regulations currently on file in the Company's office.

ELECTRIC - GENERAL SERVICE DEMAND

APPLICATION

To all electric service supplied to any residential, commercial or industrial customer for lighting, power and other purposes, with metered loads greater than 25 kW but less than 500 kW.

Not applicable for standby, resale or shared service.

Customers served under this schedule whose maximum 15-minute demand has exceeded 500 kW during any of the past 12 consecutive months shall be billed under Schedule EC-5. Once on schedule EC-5, if demand stays below 500 kW for 12 consecutive months, the customer will move back under schedule EC-3.

R
R

RATE (Monthly)

Customer Charge

\$17.00 for each single-phase metered service.
\$28.00 for each three-phase metered service.

R
R

Energy Charge*

\$ 0.0710 per kWh.
*Subject to the Power Cost Adjustment Clause.

R

Demand Charge - sum of the following:

Current month billed demand @ \$8.00 per kW.

R

Highest annual demand in excess of the current month billed demand @ \$2.00 per kW.

R

MINIMUM CHARGE (Monthly)

The Customer Charge plus the demand charges.

DETERMINATION OF BILLING DEMAND

The current month billed demand shall be the peak kW as shown by or computed from the readings of the Company's demand meter for the 15-minute period of the customer's greatest use during the month, but not less than the minimum contract demand.

PROMPT PAYMENT OF BILLS

See Section XIV - "Charges and Billings" of the Company's Service Regulations starting on page SR 8.

Issued: December 20, 2018
PSC Authorization by Order No. 5820-UR-115

EFFECTIVE FOR SERVICE ON AND AFTER:

January 1, 2019
Letter: SPC 12/20/18

ELECTRIC - GENERAL SERVICE DEMAND

TYPE OF SERVICE

Single-phase, at approximately 60 hertz, and approximately 120 volts two-wire or 120/240 volts three-wire, supplied through one meter at one point of delivery.

Three-phase, at approximately 60 hertz, and approximately 240 volts or 480 volts three-wire, supplied through one meter at one point of delivery.

Three-phase, at approximately 60 hertz, and approximately 120/240, 120/208 and 277/480 volts four-wire, supplied through one meter at one point of delivery.

If customer requires service at voltages other than those specified or at dual voltage, customer will furnish and maintain the additional equipment required and metering will be done at Company's supply line voltage.

CONTRACT PERIOD

Not less than one year.

SERVICE REGULATIONS

Service is subject to the orders of regulatory bodies having jurisdiction, and to the Company's Service Regulations currently on file in Company's office.

TRAILER AND/OR MOBILE HOME COURTS

- 1) Electric service supplied under this schedule to trailer and/or mobile home courts will be metered through one meter at one point of delivery unless more than one delivery location is deemed necessary by the Company. If service is supplied at more than one delivery point, each location will be separately metered and billed.
- 2) Resale of electric energy by a customer other than an electric public utility is prohibited except as hereinafter provided.
 - a) Customers who own and operate facilities for the furnishing of electric service to their tenants or lessees and were engaged in resale at April 1, 1976, may continue such resale but only at the location and under the provisions of section 4 below.
 - b) Customers may charge for electric service furnished to their tenants as an incident to tenancy providing that the charge therefore is included in the rent without specific identification.

ELECTRIC - GENERAL SERVICE DEMAND

TRAILER AND/OR MOBILE HOME COURTS (cont'd)

- 3) Resale is defined as the furnishing of electric service by a customer to another person or persons where the service so furnished is separately charged for in whole or in part by a flat charge or on the basis of sub-metering or any other measure of the quantity or value of the service used.
- 4) Customers who are permitted to sub-meter and resell electricity shall do so under the following monthly rate schedule:

Fixed Charge
\$0.75

Energy Charge

Energy Charge is a charge per kilowatt-hour equivalent to the average total cost per kilowatt-hour determined from the most recent billing available from the Company to the customer multiplied by the kilowatt-hours used by the tenant.

Note: Average total cost per kWh is defined as the total cost of electric service supplied the trailer and/or mobile home court divided by the total kWh's associated with the total cost. It may be expressed in cents per kWh.

Minimum Charge

The Fixed Charge.

- 5) Customer-owned distribution system facilities used for resale shall be subject to the following requirements:
- a) They shall be provided by the customer and maintained so that their operating will not interfere with service to other customers of the Company.
 - b) They shall not be extended to serve additional locations without written consent of the Company, and such consent shall be given only where the rendering of service directly by the Company would be impracticable.
 - c) Sub-meters, where used, shall be provided by the customer and their accuracy shall be maintained within the limits prescribed by the Public Service Commission of Wisconsin.
 - d) If the practice of resale at any location is discontinued, the Company will not again furnish service for that purpose at that location.
 - e) Failure to observe any of the provisions of this section shall subject a customer to disconnection of service after reasonable notice of not less than 5 days.

ELECTRIC - GENERAL SERVICE DEMAND

SPECIAL RULES

This schedule is not available for service to customers who have another source of power which can be substituted for Company's service in the conduct of any part of customer's operations, except in cases where such other source is maintained solely for use in case of the possible failure of Company's service.

When only a portion of Company's service is within the scope of the preceding paragraph, customer may, at their option, provide separate circuits for that portion, and the remainder of Company's service will then be metered and billed separately without applying this rule thereto, even though this schedule states that it is available only when all service is supplied thereunder through a single meter.

Service will be supplied thereunder only where Company has available capacity and facilities adequate for the service desired.

Customer's equipment may not be concurrently operated by means of service supplied by Company and by such other source of electric or mechanical power except upon written agreement setting forth the conditions of such operation.

The contract period, when the Special Rules of this schedule are implemented, shall not be less than the minimum term specified in the schedule except that when customer advised Company in writing of the permanent discontinuance of the use of all other sources of power and executes a new contract with Company for customer's entire power requirements, the contract for service under these Special Rules will be canceled.

ELECTRIC - GENERAL SERVICE TIME-OF-DAY

APPLICATION

Service under this rate schedule is mandatory for all customers having demands of 500 kW or greater and who take service at less than nominally 13,800 volts phase to phase. Customers will not be removed from this rate schedule unless their 15-minute demand remains below 500 kW for 12 consecutive months.

RATE (Monthly)

Customer Charge

\$205.00 for each metered service

R

Energy Charge*

All On-Peak kWh @

Winter Months \$0.0740 per kWh.

R

Summer Months \$0.0700 per kWh.

R

All Off-Peak kWh @

Annually \$0.0500 per kWh.

R

*Subject to the Power Cost Adjustment Clause.

Demand Charge - sum of the following:

Current month billed demand @

Winter Months \$10.00 per kW.

Summer Months \$9.00 per kW.

R

R

Highest annual demand (on- or off-peak) in excess of the current month billed demand @ \$2.00 per kW.

DETERMINATION OF BILLING DEMAND

The current month billed demand shall be the on-peak kW as shown by or computed from the readings of the Company's demand meter for the 15-minute period of the customer's greatest use during the month, but not less than the minimum contracted demand.

MINIMUM CHARGE (Monthly)

The Customer Charge plus the Demand Charges.

Issued: December 20, 2018
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EFFECTIVE FOR SERVICE ON AND AFTER:

January 1, 2019

Letter: SPC 12/20/18

ELECTRIC - GENERAL SERVICE TIME-OF-DAY

POWER FACTOR ADJUSTMENT

The customer shall maintain an average power factor during on-peak periods of 90% or greater. If the average on-peak power factor is less than 90%, the on-peak billing demand shall be determined by multiplying the greatest 15-minute demand during the on-peak period by 90% and dividing the product thus obtained by the average on-peak power factor expressed as a percent. In no event shall the customer take power in such a manner as to cause leading reactive kilovolt-amperes during the off-peak period.

The average on-peak period power factor is defined to be the quotient obtained by dividing the on-peak kilowatt-hours used during the month by the square root of the sum of the squares of the on-peak kilowatt-hours used and the lagging reactive kilovolt-ampere-hours supplied during the same on-peak period. Any leading kilovolt-ampere-hours supplied during the on-peak period will not be considered in determining the average power factor.

FORMULA

$$\frac{\text{kWh (on peak)}}{\sqrt{(\text{kWh on peak})^2 + (\text{kVarh on peak})^2}}$$

DEFINITIONS

kWh= kilowatt hours
kVarh=kiloVar hours

PROMPT PAYMENT OF BILLS

See Section XIV - "Charges and Billings" of the Company's Service Regulations starting on page SR 8.

ON-PEAK AND OFF-PEAK PERIODS DEFINED

The rating periods are defined as follows:

On-Peak Hours: 9 A.M. - 9 P.M., Monday through Friday, inclusive, excluding holidays.

Off-Peak Hours: Those hours not designated as on-peak hours.

Holidays: Those days nationally designated and celebrated as New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving and Christmas.

Winter Period: The winter period is designated as the November, December, January and February billing months. All other months of the year are considered to be in the summer period for billing purposes.

ELECTRIC - GENERAL SERVICE TIME-OF-DAY

CONTRACT PERIOD

Not less than one year.

SPECIAL RULES

This schedule is not available for service to customers who have another source of power which can be substituted for Company's service in the conduct of any part of customer's operations, except in cases where such other source is maintained solely for use in case of the possible failure of Company's service.

When only a portion of Company's service is within the scope of the preceding paragraph, customer may, at their option, provide separate circuits for that portion, and the remainder of Company's service will then be metered and billed separately without applying this rule thereto, even though this schedule states that it is available only when all service is supplied thereunder through a single meter.

Service will be supplied thereunder only where Company has available capacity and facilities adequate for the service desired

Customer's equipment may not be concurrently operated by means of service supplied by Company and by such other source of electric or mechanical power except upon written agreement setting forth the conditions of such operation.

The contract period, when the Special Rules of this schedule are implemented, shall not be less than the minimum term specified in the schedule except that when customer advised Company in writing of the permanent discontinuance of the use of all other sources of power and executes a new contract with Company for customer's entire power requirements, the contract for service under these Special Rules will be canceled.

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ELECTRIC - SEASONAL OR TEMPORARY SERVICE

APPLICATION

For service to seasonal business not of a temporary character, where the extension to serve the customer is to remain a part of Company's distribution system, the regular electric extension rules will apply, and the provisions of this schedule are not applicable.

Contracts for service for less than one year will be accepted by Company only when, in its judgment, it has available capacity of lines, transformers, generators and other equipment required therefore. The supplying of such service at any point of delivery shall not obligate Company to supply service after a period of disconnection, to extend or renew any service agreement, to furnish additional service at such point of delivery, or to furnish service at any other point of delivery.

BILLING

Service will be rendered under the provisions of Schedules EC-1 or EC-3.

In addition to the billing for service as outlined above, customer shall pay Company the cost of installation and removal, less salvage, of such facilities as are required to render service. The minimum charge for connecting and disconnecting service shall be \$50.00 during regular working hours and \$100.00 during other than regular working hours.

ELECTRIC – CONTROLLED WATER HEATING

APPLICATION

To customers taking electric service for the purpose of heating water in non-inductive automatic electric water heaters installed in accordance with the Company's specifications.

RATE (Monthly)

Customer Charge

\$5.00 for each single-phase metered service

Energy Charge*

\$0.0810 per kWh.

*Subject to the Power Cost Adjustment Clause

MINIMUM CHARGE (Monthly)

The Customer Charge.

SPECIAL RULES

- 1) Water heaters will be of sufficient capacity to adequately provide the customer's water heating requirements.
- 2) Single element water heaters will not exceed 4,500 watts.
- 3) Dual element water heaters will have units interconnected and thermostatically controlled that in no event will the maximum wattage required be greater than 4,500 watts.
- 4) The Company shall furnish, install and maintain on the customer's premises a watt-hour meter to measure the energy supplied to the water heater and a time switch or other device to control the hours of service. The time-regulating device shall be under the sole control and ownership of the Company and shall be adjusted by the Company to disconnect the electrical supply during such daily periods as the Company may elect from time to time, but not to exceed a total of eight hours daily. The time-regulating device shall be connected to control both elements simultaneously if a dual element water heater is installed.
- 5) Water heaters must have Company's approval. The Company may inspect each installation; and any installation which, in Company's judgment, does not meet requirements of this rate will not be eligible to receive service under this schedule.

ELECTRIC – CONTROLLED WATER HEATING

SPECIAL RULES (cont'd)

The inspection and testing of any installation or equipment by the Company is solely for the purpose of helping the customer obtain the most efficient water heating installation. The Company assumes no liability for any accident, risk or hazard incident to the making, existence or operation of any such installation or equipment thereafter.

CONTRACT PERIOD

Not less than one year.

SERVICE REGULATIONS

Service is subject to the orders of regulatory bodies having jurisdiction and to Company's Service Regulations currently on file in Company's office.

PROMPT PAYMENT OF BILLS

See Section XIV - "Charges and Billings" of the Company's Service Regulations starting on page SR 8.

Issued: August 9, 2017
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EFFECTIVE FOR SERVICE ON AND AFTER:
August 14, 2017
Letter: SJP 08/09/17

ELECTRIC - GENERAL SERVICE DEMAND

APPLICATION

To all electric service supplied to any commercial or industrial customer for lighting, power and other purposes.

Service will be supplied under this schedule only at points on the Company's existing primary voltage distribution system (nominally 13,800 volts phase to phase) except where, in the Company's judgment, the size of the load to be served warrants the extension of the primary voltage distribution system.

Not applicable for stand-by, resale or shared service.

Customers served under this schedule whose maximum 15-minute demand has exceeded 500 kW during any of the past 12 consecutive months shall be billed under rate Schedule EP-3.

RATE (Monthly)

Customer Charge

\$75.00 for each metered service

Energy Charge*

\$0.0659 per kWh.

*Subject to the Power Cost Adjustment Clause

Demand Charge - sum of the following:

Current month billed demand @ \$8.00 per kW.

Highest annual demand (on- or off-peak) in excess of the current month billed demand @ \$2.00 per kW.

DETERMINATION OF CURRENT MONTH BILLED DEMAND

The current month billed demand shall be the on-peak kW as shown by or computed from the readings of the Company's demand meter for the 15-minute period of the customer's greatest use during the month, but not less than the minimum contracted demand, nor less than 100 kW.

MINIMUM CHARGE (Monthly)

The Customer Charge plus the Demand Charges

Issued: December 20, 2018
PSC Authorization by Order No. 5820-UR-115

EFFECTIVE FOR SERVICE ON AND AFTER:

January 1, 2019
Letter: SPC 12/20/18

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ELECTRIC - GENERAL SERVICE DEMAND

POWER FACTOR ADJUSTMENT

The customer shall maintain an average power factor during on-peak periods of not less than 90%. If the average on-peak power factor is less than 90%, the on-peak billing demand shall be determined by multiplying the greatest 15-minute demand during the on-peak period by 90% and dividing the product thus obtained by the average on-peak power factor expressed as a percent. In no event shall the customer take power in such a manner as to cause leading reactive kilovolt-amperes during the off-peak period.

The average on-peak period power factor is defined to be the quotient obtained by dividing the on-peak kilowatt-hours used during the month by the square root of the sum of the squares of the on-peak kilowatt-hours used and the lagging reactive kilovolt-ampere-hours supplied during the same on-peak period. Any leading kilovolt-ampere-hours supplied during the on-peak period will not be considered in determining the average power factor.

FORMULA

$$\frac{\text{kWh (on peak)}}{\sqrt{(\text{kWh on peak})^2 + (\text{kVarh on peak})^2}}$$

DEFINITIONS

kWh= kilowatt hours
kVarh= kiloVar hours

ON-PEAK AND OFF-PEAK PERIODS DEFINED

The rating periods are defined as follows:

On-Peak Hours: 9 A.M. - 9 P.M., Monday through Friday, inclusive, excluding holidays.

Off-Peak Hours: Those hours not designated as on-peak hours.

Holidays: Those days nationally designated and celebrated as New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving and Christmas.

Winter Period: The winter period is designated as the November, December, January and February billing months. All other months of the year are considered to be in the summer period for billing purposes.

ELECTRIC - GENERAL SERVICE DEMAND

TYPE OF SERVICE

Three-phase, at 60 hertz and nominally 13,800 volts, supplied through one meter at one point of delivery.
Customer shall assume all necessary expense in equipping customer's facility for the conversion of energy to the utilization voltage, including any apparatus necessary for the regulation of the voltage.

CONTRACT PERIOD

Not less than one year.

SERVICE REGULATIONS

Service is subject to the orders of regulatory bodies having jurisdiction and to Company's Service Regulations currently on file in Company's office.

PROMPT PAYMENT OF BILLS

See Section XIV - "Charges and Billings" of the Company's Service Regulations starting on page SR 8.

SPECIAL RULES

This schedule is not available for service to customers who have another source of power which can be substituted for Company's service in the conduct of any part of customer's operations, except in cases where such other source is maintained solely for use in case of the possible failure of Company's service.

When only a portion of Company's service is within the scope of the preceding paragraph, customer may, at their option, provide separate circuits for that portion, and the remainder of Company's service will then be metered and billed separately without applying this rule thereto, even though this schedule states that it is available only when all service is supplied thereunder through a single meter.

Service will be supplied thereunder only where Company has available capacity and facilities adequate for the service desired.

Customer's equipment may not be concurrently operated by means of service supplied by Company and by such other source of electric or mechanical power except upon written agreement setting forth the conditions of such operation.

The contract period, when the Special Rules of this schedule are implemented, shall not be less than the minimum term specified in the schedule except that when customer advises Company in writing of the permanent discontinuance of the use of all other sources of power and executes a new contract with Company for customer's entire power requirements, the contract for service under these Special Rules will be canceled.

ELECTRIC - GENERAL SERVICE TIME-OF-DAY

APPLICATION

To any commercial or industrial customer for lighting, power and other purposes with demand loads in excess of 500 kW. Service will be supplied under this schedule only at points on the Company's existing primary voltage distribution system (nominally 13,800 volts phase to phase) except where, in the Company's judgment, the size of the load to be served warrants the extension of the primary voltage distribution system.

DEMAND LIMITATION

Service under this rate schedule is mandatory for all customers otherwise served under rate schedule EP-1 having demands in excess of 500 kW. Customers will not be removed from this rate schedule unless their 15-minute demand remains below 500 kW for 12 consecutive months.

RATE (Monthly)

Customer Charge

\$205.00 for each metered service.

R

Energy Charge*

All On-Peak kWh @

Winter Months \$0.0701 per kWh.

Summer Months \$0.0672 per kWh.

R

R

All Off-Peak kWh @

Annually \$0.0452 per kWh.

R

*Subject to the Power Cost Adjustment Clause.

Demand Charges - sum of the following:

Current month billed demand @

Winter Months \$10.00 per kW.

Summer Months \$9.00 per kW.

R

R

Highest annual demand (on- or off-peak) in excess of the current month billed demand @ \$2.00 per kW.

R

DETERMINATION OF CURRENT MONTH BILLED DEMAND

The current month billed demand shall be the on-peak kW as shown by or computed from the readings of Company's demand meter, for the 15-minute period of customer's greatest use during the month, but not less than the minimum contracted demand.

EFFECTIVE FOR SERVICE ON AND AFTER:

Issued: December 20, 2018

January 1, 2019

PSC Authorization by Order No. 5820-UR-115

Letter: SPC 12/20/18

ELECTRIC - GENERAL SERVICE TIME-OF-DAY

MINIMUM CHARGE (Monthly)

The Customer Charge plus the Demand Charges.

POWER FACTOR ADJUSTMENT

The customer shall maintain an average power factor during on-peak periods of not less than 90%. If the average on-peak power factor is less than 90%, the on-peak billing demand shall be determined by multiplying the greatest 15-minute demand during the on-peak period by 90% and dividing the product thus obtained by the average on-peak power factor expressed as a percent. In no event shall the customer take power in such a manner as to cause leading reactive kilovolt-amperes during the off-peak period.

The average on-peak period power factor is defined to be the quotient obtained by dividing the on-peak kilowatt-hours used during the month by the square root of the sum of the squares of the on-peak kilowatt-hours used and the lagging reactive kilovolt-ampere-hours supplied during the same on-peak period. Any leading kilovolt-ampere-hours supplied during the on-peak period will not be considered in determining the average power factor.

FORMULA

$$\frac{\text{kWh (on peak)}}{\sqrt{(\text{kWh on peak})^2 + (\text{kVarh on peak})^2}}$$

DEFINITIONS

kWh= kilowatt hours
kVarh= kiloVar hours

PROMPT PAYMENT OF BILLS

See Section XIV - "Charges and Billings" of the Company's Service Regulations starting on page SR 8.

ON-PEAK AND OFF-PEAK PERIODS DEFINED

The rating periods are defined as follows:

On-Peak Hours: 9 A.M. - 9 P.M., Monday through Friday, inclusive, excluding holidays.

Off-Peak Hours: Those hours not designated as on-peak hours.

ELECTRIC - GENERAL SERVICE TIME-OF-DAY

ON-PEAK AND OFF-PEAK PERIODS DEFINED (cont'd)

Holidays: Those days nationally designated and celebrated as New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving and Christmas.

Winter Period: The winter period is designated as the November, December, January and February billing months. All other months of the year are considered to be in the summer period for billing purposes.

CONTRACT PERIOD

Not less than one year.

SPECIAL RULES

This schedule is not available for service to customers who have another source of power which can be substituted for Company's service in the conduct of any part of customer's operations, except in cases where such other source is maintained solely for use in case of the possible failure of Company's service.

When only a portion of Company's service is within the scope of the preceding paragraph, customer may, at their option, provide separate circuits for that portion, and the remainder of Company's service will then be metered and billed separately without applying this rule thereto, even though this schedule states that it is available only when all service is supplied thereunder through a single meter.

Service will be supplied thereunder only where Company has available capacity and facilities adequate for the service desired.

Customer's equipment may not be concurrently operated by means of service supplied by Company and by such other source of electric or mechanical power except upon written agreement setting forth the conditions of such operation.

The contract period, when the Special Rules of this schedule are implemented, shall not be less than the minimum term specified in the schedule except that when customer advised Company in writing of the permanent discontinuance of the use of all other sources of power and executes a new contract with Company for customer's entire power requirements, the contract for service under these Special Rules will be canceled.

ELECTRIC - LARGE POWER TIME-OF-DAY (OVER 100,000 VOLTS)

APPLICATION

To any commercial or industrial customer for lighting, power and other purposes who meet at least one of the following conditions:

- 1) Take service in Washburn County.
- 2) Monthly metered loads greater than 10,000 kW for 6 of the last 12 months.

Exceptions may be made for customers with loads less than 10,000 kW if:

- 1) They require service from the Company's transmission system in order to mitigate problems in the distribution system; and/or
- 2) They are at unreasonable distance from any primary distribution facilities and adjacent to the Company's transmission facilities of nominally 115,000 volts or 161,000 volts phase to phase.

Service will be supplied under this schedule only at points on Company's transmission voltage system (nominally 115,000 volts or 161,000 volts phase to phase) where, in Company's judgment, the size of the load to be served warrants the extension of the transmission voltage system.

Not applicable for stand-by, resale or shared service.

RATE (Monthly)

Customer Charge

\$600.00 for each metered service.

Energy Charge*

All On-Peak kWh @
Winter Months \$0.0621 per kWh.
Summer Months \$0.0581 per kWh.

All Off-Peak kWh @
Annually \$0.0387 per kWh.

*Subject to the Power Cost Adjustment Clause.

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ELECTRIC - LARGE POWER TIME-OF-DAY (OVER 100,000 VOLTS)

RATE (Monthly) (cont'd)

Demand Charge - sum of the following:

Current month billed demand @
Winter Months \$11.35 per kW.
Summer Months \$11.35 per kW.

Highest annual demand (on- or off-peak) in excess of the current month billed demand @ \$2.00 per kW.

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DETERMINATION OF CURRENT MONTH BILLED DEMAND

The current month billed demand shall be the on-peak kW as shown by or computed from the readings of the Company's demand meter, for the 15-minute period of the customer's greatest use during the month, but not less than the minimum contracted demand.

COMBINED SERVICE BILLING

Any customer taking service under this rate schedule at more than one metered location may receive one bill prepared on a combined service basis. The kWh supplied to each of the customer's metered services will be added together for each defined billing period to determine the kWh to be billed.

The current month billed demand shall be the sum of the coincident on-peak kW demands at each of the customer's metered services as shown by or computed from the readings of the Company's demand meters, for the 15-minute period of the customer's greatest combined use from all of its metered services during the month, but not less than the minimum contracted coincident demand. For customers with pre-existing contracts, the service contract for each metered location, including any minimums for that location, will continue to stand on its own.

MINIMUM CHARGE (Monthly)

The Customer Charge plus the Demand Charges

ELECTRIC - LARGE POWER TIME-OF-DAY (OVER 100,000 VOLTS)

POWER FACTOR ADJUSTMENT

The customer shall maintain an average power factor during on-peak periods of not less than 90%. If the average on-peak power factor is less than 90%, the on-peak billing demand shall be determined by multiplying the greatest 15-minute demand during the on-peak period by 90% and dividing the product thus obtained by the average on-peak power factor expressed as a percent. In no event shall the customer take power in such a manner as to cause leading reactive kilovolt-amperes during the off-peak period.

The average on-peak period power factor is defined to be the quotient obtained by dividing the on-peak kilowatt-hours used during the month by the square root of the sum of the squares of the on-peak kilowatt-hours used and the lagging reactive kilovolt-ampere-hours supplied during the same on-peak period. Any leading kilovolt-ampere-hours supplied during the on-peak period will not be considered in determining the average power factor.

FORMULA

$$\frac{\text{kWh (onpeak)}}{\sqrt{(\text{kWh on peak})^2 + (\text{kVarh on peak})^2}}$$

DEFINITIONS

kWh= kilowatt hours
kVarh= kiloVar hours

ON-PEAK AND OFF-PEAK PERIODS DEFINED

The rating periods are defined as follows:

On-Peak Hours: 9 A.M. - 9 P.M., Monday through Friday, inclusive, excluding holidays.

Off-Peak Hours: Those hours not designated as on-peak hours.

Holidays: Those days nationally designated and celebrated as New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving and Christmas.

Winter Period: The winter period is designated as the November, December, January and February billing months. All other months of the year are considered to be in the summer period for billing purposes.

ELECTRIC - LARGE POWER TIME-OF-DAY (OVER 100,000 VOLTS)

TYPE OF SERVICE

Three-phase, at approximately 60 hertz and at nominally 115,000 volts or 161,000 volts phase to phase, supplied through one meter at one point of delivery.

Customer shall assume all necessary expense in equipping himself for the conversion of energy to the utilization voltage, including any apparatus necessary for the regulation of the voltage.

CONTRACT PERIOD

Not less than five years.

SERVICE REGULATIONS

Service is subject to the orders of regulatory bodies having jurisdiction and to the Company's Service Regulations currently on file in the Company's office.

PROMPT PAYMENT OF BILLS

See Section XIV - "Charges and Billings" of the Company's Service Regulations starting on page SR 8.

SPECIAL RULES

This schedule is not available for service to customers who have another source of power which can be substituted for Company's service in the conduct of any part of customer's operations, except in cases where such other source is maintained solely for use in case of the possible failure of Company's service.

When only a portion of Company's service is within the scope of the preceding paragraph, customer may, at their option, provide separate circuits for that portion, and the remainder of Company's service will then be metered and billed separately without applying this rule thereto, even though this schedule states that it is available only when all service is supplied thereunder through a single meter.

Service will be supplied thereunder only where Company has available capacity and facilities adequate for the service desired.

Customer's equipment may not be concurrently operated by means of service supplied by Company and by such other source of electric or mechanical power except upon written agreement setting forth the conditions of such operation.

The contract period, when the Special Rules of this schedule are implemented, shall not be less than the minimum term specified in the schedule except that when customer advised Company in writing of the permanent discontinuance of the use of all other sources of power and executes a new contract with Company for customer's entire power requirements, the contract for service under these Special Rules will be canceled.

Issued: August 9, 2017
PSC Authorization by Order No. 5820-UR-114

EFFECTIVE FOR SERVICE ON AND AFTER:
August 14, 2017
Letter: SJP 08/09/17

ELECTRIC - SPORTS FIELD LIGHTING SERVICE

APPLICATION

To electric service for outdoor sports field lighting.

RATE (Monthly)

Customer Charge

\$22.00 for each metered service.

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Energy Charge*

\$0.1150 per kWh.

*Subject to the Power Cost Adjustment Clause.

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MINIMUM CHARGE (Monthly)

The Customer Charge.

PROMPT PAYMENT OF BILLS

See Section XIV - "Charges and Billings" of the Company's Service Regulations starting on page 8.

SPECIAL RULES

- 1) Service hereunder will be rendered by the Company only when, in the Company's judgment, sufficient capacity of lines, transformers, generators and other equipment required therefore is available.
- 2) Service will be single-phase (or three-phase where available) at approximately 60 hertz and at either approximately 2,400 volts or 7,960 volts phase to neutral (either approximately 4,160 volts or 13,800 volts phase to phase for three-phase).
- 3) The customer will pay the cost of extending the facilities to furnish service.
- 4) The customer will own and maintain all transformation and related equipment necessary for taking service hereunder.

In addition to the billing for service as outlined above, customer shall pay Company the cost of installation and removal, less salvage, of such facilities as are required to render service. The minimum charge for connecting and disconnecting service shall be \$50.00 during regular business hours and \$100.00 outside of regular business hours.

- 5) The Company may meter service at either high or low voltage. If the service is metered at low voltage, the measurements so obtained will be adjusted to conform to measurements at high voltage

ELECTRIC - AREA LIGHTING SERVICE

TERRITORY

Applicable in all territory served at retail by Company.

APPLICATION

To all classes of retail customers for outdoor lighting purposes.

RATE (Monthly)

Customer Charge

<u>Lamp Size</u>	<u>Monthly Rate</u>
<u>LED Lamps</u>	
6,630 Lumens	\$9.80
<u>High Pressure Sodium¹</u>	
14,000 Lumens (150 watts)	\$13.35
<u>Mercury Vapor²</u>	
7,000 Lumens (175 watts)	\$13.95
20,000 Lumens (400 watts)	\$22.80

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¹High Pressure Sodium lamps are closed to new installations.

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²Mercury vapor lamps are closed to new installations.

Energy Charge*

Included in Monthly Rate

*Subject to the Power Cost Adjustment Clause.

Additional Facilities Charge

\$6.50 per month per pole used for lighting service only.

PAYMENT

Bills are rendered monthly and are payable on or before the due date as indicated on each bill.

BURNING SCHEDULE

From dusk to dawn each night for a total of approximately 4,200 hours per year. See sheet E-32 for Energy table.

Issued: December 20, 2018
PSC Authorization by Order No. 5820-UR-115

EFFECTIVE FOR SERVICE ON AND AFTER:

January 1, 2019
Letter: SPC 12/20/18

ELECTRIC - AREA LIGHTING SERVICE

EQUIPMENT OWNERSHIP, MAINTENANCE AND OPERATION

The Company shall install, own, operate and provide normal maintenance to all equipment necessary for Area Lighting Service including the fixture, lamp, ballast, photoelectric control and wiring.

LED LIGHTING

High Pressure Sodium lamps will be phased out as these fixtures reach the end of life. At request of customer and with company approval, LED fixtures may be deployed in advance of HPS end of life.

D

CONTRACT PERIOD

Not less than one year.

SERVICE REGULATIONS

Service is subject to the orders of regulatory bodies having jurisdiction and to Company's Service Regulations currently on file in Company's office.

SERVICE CONDITIONS

- 1) No additional transformer capacity shall be provided hereunder.
- 2) Company will install only one Company-owned pole to extend facilities. This pole shall be subject to the additional facilities charge.
- 3) Company will, at customer's expense, relocate or change the position of any light or pole as requested in writing by the customer and with the new location being approved by the Company.

Issued: December 20, 2018
PSC Authorization by Order No. 5820-UR-115

EFFECTIVE FOR SERVICE ON AND AFTER:
January 1, 2019
Letter: SPC 12/20/18

ELECTRIC - STREET, ORNAMENTAL & SIGNAL LIGHTING

Ornamental and Street Lighting

Customer Charge

\$13.00 per month for each metered service.

Signal Lighting

Customer Charge

\$28.00 per month for each metered service

Energy Charge*

\$0.0690 per kWh.

*Subject to the Power Cost Adjustment Clause.

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LED LIGHTING

High Pressure Sodium lamps will be phased out as these fixtures reach the end of life. At request of customer and with company approval, LED fixtures may be deployed in advance of HPS end of life.

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STREET LIGHT BURNING SCHEDULE

From dusk to dawn each night for a total of approximately 4,200 hours per year. See sheet E 32 for Energy table.

EQUIPMENT OWNERSHIP, MAINTENANCE AND OPERATION

1) Overhead Service

Company shall own and maintain all the equipment necessary for providing overhead street lighting service, furnish electrical energy, turn energy on and off, and replace all burned out lamps at Company expense. Damaged lamps will be replaced, at Company's expense, up to a maximum of two replacements per year per lamp location. Additional replacements of damaged lamps will be at the option and expense of customer. Street lighting circuits are of the overhead type carried on Company's distribution poles. If nonstandard service is requested, i.e. underground service, the cost will be at the customers expense.

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ELECTRIC - STREET, ORNAMENTAL & SIGNAL LIGHTING

EQUIPMENT OWNERSHIP, MAINTENANCE AND OPERATION(cont'd)

2) Ornamental Service

Customer shall own and maintain the ornamental street lighting system consisting of the posts, fixtures and circuits up to the nearest point of connection with Company's lines used to deliver power to customer's system. Company shall own and maintain the service required for delivering energy to customer's circuits.

3) Signal Lighting

Customer shall own and maintain the signal lighting system consisting of posts, fixtures and circuits up to the nearest point of connection with Company's lines used to deliver power to customer's system. Signal lighting will include warning and stop and go lighting.

PROMPT PAYMENT OF BILLS

See Section XIV - "Charges and Billings" of the Company's Service Regulations starting on page SR 8.

ELECTRIC - STREET, ORNAMENTAL & SIGNAL LIGHTING

SERVICE CONDITIONS

- 1) Extension of service shall follow rules set forth in Company's Electric Extension Rules.
- 2) Company will, at customer's expense, relocate or change the position of any poles, circuits or street lights in the overhead system as requested in writing and duly authorized by the paying customer during the period of the contract.
- 3) Customers may, at their expense, install additions to their ornamental and signal lighting system, and Company will provide adequate capacity to serve the additional lamps when requested in writing and duly authorized by the customer.
- 4) Meters shall generally be employed to determine the amount of energy used during any billing period. Where more than one meter is used, the readings of all meters shall be combined for billing purposes.
- 5) Energy Charge
The Energy Charge applied to metered and unmetered energy:
All kWh used per month: \$0.0690 per kWh.

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See sheet No. E32, Energy Table for Total Burning Hours.

Should any lamps, on circuits where the amount of energy used is computed, fail to be illuminated for two business days after report of failure or longer, a pro rata credit will be given to the customer. No credit will be allowed for outages caused by storms, disasters, or other acts of god.

ELECTRIC - STREET, ORNAMENTAL & SIGNAL LIGHTING

Number of hours burning to be used in calculating consumption of unmetered lamps.

ENERGY TABLE	
Lamp	
Total Burning Hours	4,313
Annual kWh usage per lamp by type	
High Pressure Sodium	
14,000 Lumens (150 watts)	811
23,000 Lumens (250 watts)	1,272
45,000 Lumens (400 watts)	2,006
Mercury Vapor	
7,000 Lumens (175 watts)	884
11,000 Lumens (250 watts)	1,251
20,000 Lumens (400 watts)	1,962
LED	
6,000 Lumens (47 watts)	203
6,630 Lumens (73 watts)	315
13,000 Lumens (111 watts)	479

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Company shall furnish all electric energy required for service under this schedule.

Should any lamps, on circuits where the amount of energy used is computed, fail to be illuminated for two business days after report of failure of longer, a pro rata credit will be given to the customer. No credit will be allowed for outages caused by storms, disasters, or other acts of god.

- 6) Service rendered pursuant to change authorized by customer shall be paid for in accordance with the respective charges specified under the rate section of this schedule.
- 7) If existing Mercury Vapor or High Pressure Sodium lighting is replaced prematurely with LED, the party requesting the change shall pay the Company:

The original cost minus accrued depreciation of the item(s) to be removed from service minus salvage plus the cost of removal, if any.

ELECTRIC - ALL METERED RETAIL RATES

RETAIL POWER COST ADJUSTMENT CLAUSE (PCAC)

All metered retail rates shall be subject to a positive or negative power cost adjustment charge equivalent to the amount by which the current cost of power allocated to the retail jurisdiction (per kilowatt-hours of sales) is greater or lesser than the base cost of purchased and produced power allocated to the retail jurisdiction (per kilowatt-hours of sales).

The current cost per kilowatt-hour of energy billed is equal to the cost of purchased and produced power allocated to the retail jurisdiction for the most recent month divided by the kilowatt-hours of energy sold. The monthly adjustment (rounded to the nearest one one-hundredth of a cent) is equal to the current cost less the base cost. The base cost until changed by order of the Public Service Commission of Wisconsin is \$0.0642 per kilowatt-hour.

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Periodic changes shall be made to maintain the proper relative structure of the rates and to insure that power costs are being equitably recovered from the various PCACrate classes. If the monthly adjustment (A) exceeds \$0.0150 per kilowatt-hour, for more than three times in a 12-month period (current plus preceding 11-months), the company shall notify the Public Service Commission of Wisconsin separate from its monthly PCAC report of the need to evaluate a change in rates to incorporate a portion of the power cost adjustment into the base rates.

For purposes of calculating the power cost adjustment charge, the following formula shall be used:

$$A = \frac{C}{S} - U$$

- A = The power cost adjustment rate in dollars per kilowatt-hour rounded to four decimal places (positive or negative) applied on a per kilowatt-hour basis to all metered retail sales of electricity.
- C = The estimated cost of purchased and produced power (\$) in the preceding month based on the estimated demand and energy allocated in retail sales (excluding wholesale sales).
- S = The total kilowatt-hours sold during the preceding month.
- U = The average cost of purchased and produced power allocated to the retail jurisdiction per kilowatt-hour of retail sales for the test period. This figure remains constant in each subsequent monthly calculation at \$0.0606 per kilowatt-hour until otherwise changed by the Public Service Commission of Wisconsin.

ELECTRIC - CONTROLLED SPACE HEATING SERVICE

APPLICATION

To customers taking electric service for the purpose of space heating where a non-electric source of energy shall be available to satisfy those requirements during periods of interruption. Service shall be delivered at one point and be separately metered from all non-space heating load. This is available to customers who would otherwise be served under rate schedule ER-1 or EC-1.

RATE (Monthly)

Customer Charge

\$5.00 for each single-phase metered service.

Energy Charge*

\$0.0700 per kWh.

*Subject to the Power Cost Adjustment Clause.

MINIMUM CHARGE (Monthly)

The Customer Charge.

PROMPT PAYMENT OF BILLS

See Section XIV - "Charges and Billings" of the Company's Service Regulations starting on page SR 8.

SPECIAL REQUIREMENTS

- 1) The primary heating source for the dwelling must be a Company-approved interruptible electric space heating installation.
- 2) The interruptible load of the approved electric space heating equipment shall be separately served and metered and shall at no time be connected to facilities serving customer's firm load. The customer's dual fuel system related equipment shall be served as firm load.
- 3) The Company will furnish, install and maintain on customer's premises a watt-hour meter to measure the energy supplied to the space heating equipment. The Company will provide, at customer's expense, the necessary equipment to control the hours of service. This equipment shall be under the sole control and ownership of the Company and shall be operated by the Company to disconnect the electrical supply during such daily periods as the Company may elect from time to time, but not to exceed a total of eight hours a day.

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ELECTRIC - CONTROLLED SPACE HEATING SERVICE

- 4) Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.
- 5) Customer must be prepared to supply heating needs during any period(s) of interruption.
- 6) Customer shall be required to execute a Controlled Space Heating Service Agreement.
- 7) Automatic electric storage water heaters may be connected to the Controlled Space Heating Service if installation is in compliance with the provisions of rate schedule EW1 and is approved by the Company in the Controlled Space Heating Service Agreement.

CONTRACT PERIOD

Not less than one year.

SERVICE REGULATIONS

Service is subject to the orders of regulatory bodies having jurisdiction and to Company's Service Regulations currently on file in Company's office.

CONTROLLED HOURS SCHEDULE

The schedule for controlled hours is listed below. The Company may alter the schedule at its discretion without notice.

- Meter is off between the hours of 9AM to 2PM and 5PM to 8PM. R
- Meter is on between the hours of 2PM to 5PM and 8PM to 9AM. R
- Meter is on for all weekend hours. R

Issued: December 20, 2018
PSC Authorization by Order No. 5820-UR-115

EFFECTIVE FOR SERVICE ON AND AFTER:
January 1, 2019
Letter: SPC 12/20/18

ELECTRIC - RESIDENTIAL SERVICE TIME-OF-DAY

ON-PEAK AND OFF-PEAK PERIODS DEFINED

The rating periods are defined as follows:

On-Peak Hours: 9 A.M. - 9 P.M., Monday through Friday, inclusive, excluding holidays.

Off-Peak Hours: Those hours not designated as on-peak hours.

Holidays: Those days nationally designated and celebrated as New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving and Christmas.

Winter Period: The winter period is designated as the November, December, January and February billing months. All other months of the year are considered to be in the summer period for billing purposes.

Special Rules

- 1) Any customer choosing to be served on this rate schedule thereby waives all rights to any billing adjustment arising from any claim that the bill for the customer's services would be less expensive on any alternative rate schedule for any period of time.
- 2) If customer served under this rate schedule moves or is forced to move, the customer has the option to retain time-of-day billing at the new premise. If the customer decides to discontinue time-of-day billing, the Company will offer time-of-day billing to the next customer on the waiting list.
- 3) Other Special Rules are specified in rate schedule ER-1.

ELECTRIC – COMMUNITY SOLAR GARDEN

APPLICATION

Available to all customers other than those who take service under EC-2, EN1, or EL1. Subscribers who are eligible can purchase up to 100 percent of their annual average SWL&P usage from the SWL&P Community Solar Garden (The Project). SWL&P will work with interested subscribers to select an appropriate kW subscription level.

Service is available on a first-come, first-served basis to subscribers who execute a service agreement and pay a five percent reservation fee. Approximately 470 kW of total service is available for subscriptions under this tariff.

RATE

Community Solar Reservation Fee: \$122.04 per kW share subscribed required at the time of application for service under this tariff.

The subscriber may choose one of the following options in addition to all charges for service being taken under the Company’s standard rate schedule.

Option 1: Upfront Payment

Subscriber shall pay a one-time subscription fee for each contracted 1 kW solar block. Subscriber will receive a monthly energy kWh credit for the solar energy produced by each solar block.

- kW Block Charge : \$X.XX¹
- Monthly kWh credit: Subscriber will receive a bill credit in kWh for the solar energy produced per subscribed kW block of capacity as an offset to the subscriber’s standard energy use during the monthly billing period.

This option is subject to the application of a price factor based on the number of years the subscription capacity of the Project has been available at the time of subscriber enrollment. Year 1 begins on the date of commercial operation of the Project. The first day of each subsequent year is the anniversary of the commercial operation date. These factors are shown in the table below.

Years (1-5)	Percent of Purchase Price	Years (6-10)	Percent of Purchase Price	Years (11-15)	Percent of Purchase Price	Years (16-20)	Percent of Purchase Price	Years (20-25)	Percent of Purchase Price
1	100%	6	80%	11	60%	16	40%	21	20%
2	96%	7	76%	12	56%	17	36%	22	16%
3	92%	8	72%	13	52%	18	32%	23	12%
4	88%	9	68%	14	48%	19	28%	24	8%
5	84%	10	64%	15	44%	20	24%	25	4%

ELECTRIC – COMMUNITY SOLAR GARDEN

Option 2: Monthly Subscription

Subscriber shall pay a monthly subscription charge for each contracted 1 kW solar block. Subscriber will receive a monthly energy kWh credit for the solar energy produced by each solar block.

kW Block Charge: \$X.XX²

Monthly kWh credit: Subscriber will receive a bill credit in kWh for the solar energy produced per subscribed kW block of capacity as an offset to the subscriber's standard energy use during the monthly billing period.

Option 3: Fixed Charge per kWh

Subscriber shall pay a fixed rate per kWh of their portion of metered generation the Solar Garden produces each month. Subscriber will receive a monthly energy kWh credit for the solar energy produced by each solar block.

Fixed kWh Charge: \$X.XX³

Monthly kWh Credit: Subscriber will receive a bill credit in kWh for the solar energy produced per subscribed kW block of capacity as an offset to the subscriber's standard energy use during the monthly billing period.

PROMPT PAYMENT OF BILLS

See Section XIV - "Charges and Billings" of the Company's Service Regulations starting on page SR 8.

SPECIAL TERMS AND PROVISIONS

1. Subscriber must execute a service agreement with the Company in order to be served on this rate schedule.
2. Service on this rate schedule will commence with the first regular meter reading following approval of the subscriber's service agreement by the Company and after the SWL&P Community Solar Garden goes into Service. Service will terminate after the earlier of (a) the customer's withdrawal from the program or (b) 25 years from the in-service date of the Project.
3. Any subscriber choosing to be served on this rate schedule thereby waives all rights to any billing adjustment arising from a claim that the bill for the subscriber's service would be cheaper on any alternative rate schedule for any period of time, including any rights under Wis. Admin Code PSC 113.0406(4).
4. Service hereunder is provided through one meter to one end-use subscriber. Service provided hereunder may not be redistributed or resold other than as provided for in this tariff.
5. The CS-1 Electricity service per kWh charge will remain locked for the entire term of the subscriber's participation in the CS-1 program, regardless of other changes that may from time to time be approved by the Public Service Commission of Wisconsin to any of the Residential or Commercial/Industrial tariffs.

ELECTRIC – COMMUNITY SOLAR GARDEN

SPECIAL TERMS AND PROVISIONS (cont.)

6. The subscriber’s solar share will be converted into kWh CS-1 use per billing period based on the subscriber’s proportionate subscribed share of the project. This volume to be applied during the billing period will be the lesser of the calculated share volume or all kWh of electricity used by the subscriber per billing period.
7. If a subscriber moves to another location within the SWL&P service territory, upon written request, the CS-1 will transfer to the new location.
8. If a subscriber moves to another location that is not in SWL&P’s service territory, upon written request, the subscriber will have the option to gift their shares to others within SWL&P’s service territory. Subscribers who have purchased Option 1 also have the option to sell back their shares to the Company and receive a pro rata refund of the original subscription fee, as set forth in the table below. Year 1 begins on the date of commercial operation of the Project. The first day of each subsequent year is the anniversary of the commercial operation date.

Years (1-5)	Percent of Purchase Price	Years (6-10)	Percent of Purchase Price	Years (11-15)	Percent of Purchase Price	Years (16-20)	Percent of Purchase Price	Years (20-25)	Percent of Purchase Price
1	96%	6	76%	11	56%	16	36%	21	16%
2	92%	7	72%	12	52%	17	32%	22	12%
3	88%	8	68%	13	48%	18	28%	23	8%
4	84%	9	64%	14	44%	19	24%	24	4%
5	80%	10	60%	15	40%	20	20%	25	0%

9. All renewable energy credits associated with energy produced by the Project and purchased by subscribers participating in this program will be retired annually by SWL&P on behalf of the subscriber.

ELECTRIC - PARALLEL GENERATION – 20 KW OR LESS – NET ENERGY BILLING
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APPLICATION

Available to all single-phase and three-phase customers where a part or all of the electrical requirements of the customer are supplied by the customer's generation facilities, where such facilities have a total generating capability of 20 kW or less, where such facilities are connected in parallel with the utility and where such facilities are approved by the utility. A signed contract between the small power producer and the Company shall be required of all small power producers before generators can be interconnected with the utility. For purposes of determining compliance with this paragraph, generator size shall be determined based on the alternating current (AC) nameplate rating of the generator or inverter, as applicable.

RATE (Monthly)

The customer shall be billed the customer charge specified in the rate schedule under which the customer is served. The customer charge is due monthly whether or not the customer is a net seller of energy to the company in that billing month.

1) Renewable Resources

For customers generating power using renewable resource generators which exclusively use wind, solar photovoltaic, hydroelectric, wood or wood waste derived fuel, the customer shall be billed on a net energy basis.

Energy charges are specified in the rate schedule under which the customer purchases energy. The customer's energy consumption shall be offset by energy produced from the customer's generation facilities for the billing month. When the energy produced exceeds energy consumed for the billing month, the customer shall be credited for the excess energy volumes at a per kWh rate equal to the rate levels in Section 2 of this rate schedule. Time-of-day customers will have consumption and production netted by pricing period under the rate schedule in which the customer purchases energy.

The following customers may continue to be paid for net monthly excess generation at the rate specified in the rate schedule under which the customer purchases energy until December 31, 2027: (a) customers taking service under this rate schedule prior to January 1, 2018; or (b) customers who have submitted a complete application to the Company by December 15, 2017, and completed physical installation of the generation facilities, consistent with design requirements of Wis. Admin. Code sec. PSC 119.20, by January 19th, 2018. A customer that makes changes to the capacity or type of its generation facilities after January 1, 2018, will be treated as a new customer and shall be subject to the standard credit provisions.

Issued: August 9, 2017
PSC Authorization by Order No. 5820-UR-114

EFFECTIVE FOR SERVICE ON AND AFTER:

August 14, 2017
Letter: SJP 08/09/17

ELECTRIC - PARALLEL GENERATION – 20 KW OR LESS – NET ENERGY BILLING

2) Non-Renewable Resources

For customers generating power by all other means than that specified in 1) above, and who, executed, or will in the future execute, contracts in accordance with the application section of this rate schedule, the customer shall pay the energy charge for energy consumed as specified in the rate schedule under which the customer is served. The customer’s energy consumption shall be offset by energy produced from the customer’s generation facilities for the billing month. When the energy produced exceeds energy consumed for the billing month, the customer shall be credited for the excess energy volumes at a per kWh rate equal to the rate levels in Section 2 of this rate schedule. Time-of-day customers will have consumption and production netted by pricing period under the rate schedule in which the customer purchases energy.

Payment per kWh *	Voltage Level		
	Transmission	Primary	Secondary
During On-Peak Period	\$0.1240	\$0.1314	\$0.1330
During Off-Peak Period	\$0.0203	\$0.0212	\$0.0215
Average (34.8% On-Peak 65.2% Off-Peak)	\$0.0566	\$0.0599	\$0.0606

R
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*Subject to the Power Cost Adjustment Clause

If, in any month, the customer’s utility bill has a credit balance of \$100 or less, the amount shall be credited to subsequent bills until a debit balance is reestablished. If the credit balance is more than \$100, the customer may be reimbursed by check upon request. Monthly credits shall be computed by taking the net excess kilowatt-hours produced times the sum of the applicable energy charge plus monthly Power Cost Adjustment Clause (PCAC) factor.

METERING AND SERVICE FACILITIES

A customer who is served under a regular rate schedule shall have any ratchet and/or other device removed from customer’s meter to allow reverse power flow and measurement of net energy used. Customers eligible for net energy billing but with existing metering facilities equipped with ratchets or other devices preventing reverse registration (i.e., time-of-day metering facilities), may request that the utility install the necessary metering to permit such billing.

CUSTOMER OBLIGATIONS

See Sheet No. E 43

EFFECTIVE FOR SERVICE ON AND AFTER:

Issued: December 20, 2018
 PSC Authorization by Order No. 5820-UR-115

January 1, 2019
 Letter: SPC 12/20/18

ELECTRIC - PARALLEL GENERATION – 20 KW OR LESS – NET ENERGY BILLING

2) Non-Renewable Resources (cont'd)

CONTRACT REQUIRED

A contract is required between the utility and the customer (either the individual(s) or the corporate entity) that owns a generation facility. The contract shall specify safety, system protection, and power quality rules that the generator operation must comply with. The contract shall require a minimum of \$300,000 liability insurance or proof of financial responsibility for the customer owned generation system. Each of the parties shall indemnify and save harmless the other party against any and all damages to persons or property occasioned, irrespective of the negligence of such other party, by the maintenance and operation by such parties of their respective generation, operation, electric lines and other electrical equipment. The contracts with customer owned generation facilities selling energy under the standard (non-negotiated) rate have no specific term or length. Contracts with customer owned generation facilities selling energy under a negotiated rate shall contain performance requirements and be of sufficient length to ensure the utility avoids the costs for which the customer owned generating facility is being compensated.

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EFFECTIVE FOR SERVICE ON AND AFTER:
August 14, 2017
Letter: SJP 08/09/17

ELECTRIC - CUSTOMER OWNED GENERATION – GREATER THAN 20 KW

APPLICATION

Available to all single-phase and three-phase customers where a part or all of the electrical requirements of the customer are supplied by the customer’s generation facilities, where such facilities have a total generating capability of greater than 20 kW where such facilities are connected in parallel with the utility and where such facilities are approved by the utility. Customers not desiring to sell energy under this rate have the right to negotiate a buy-back rate. For purposes of determining compliance with this paragraph, generator size shall be determined based on the alternating current (AC) nameplate rating of the generator or inverter, as applicable.

A signed contract between the power producer and the Company shall be required of all power producers before generators can be interconnected with the utility.

RATE (Monthly)

Customers shall receive monthly payment for all electricity delivered to the utility and shall be billed by the utility for metering and associated billing expenses as specified below:

Customer Charge

Demand Metered Customers \$10.00

Payment per kWh	Voltage Level		
	Transmission	Primary	Secondary
During On-Peak Period	\$0.1240	\$0.1314	\$0.1330
During Off-Peak Period	\$0.0203	\$0.0212	\$0.0215
Average (34.8% On-Peak 65.2% Off-Peak)	\$0.0566	\$0.0599	\$0.0606

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R
R

*Subject to the Power Cost Adjustment Clause

The customer shall pay the energy charge for energy consumed as specified in the rate schedule under which the customer is served. For energy produced and sold to the Company, the Company shall pay the standard avoided cost energy charge for the applicable level of service as shown above plus the monthly Power Cost Adjustment Clause (PCAC) factor. Customers served on a time-of-day schedule shall be paid at the appropriate on-peak and off-peak period rates. Customers served on a non-time-of-day rate shall be paid at the average per kWh.

On-peak periods are defined as 9:00 AM through 9:00 PM, Monday through Friday, excluding holidays.
Off-peak periods are those hours not designated as on-peak hours.

Holidays are those days nationally designated and celebrated as New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving and Christmas.

Issued: December 20, 2018
 PSC Authorization by Order No. 5820-UR-115

EFFECTIVE FOR SERVICE ON AND AFTER:
January 1, 2019
 Letter: SPC 12/20/18

ELECTRIC - CUSTOMER OWNED GENERATION – GREATER THAN 20 KW

MINIMUM CHARGE

The monthly minimum charge paid by the customer shall be the customer charge.

NEGOTIATED RATES

Customers with generation systems greater than 20 kW have the right to negotiate buy-back rates. The buy-back rate cannot be greater than the full avoided cost.

The following are the required procedure guidelines:

- a) The utility must respond to the customer-owned generating system within 30 days of the initial written receipt of the customer-owned generating system proposal and within 30 days of receipt of a subsequent customer-owned generating system proposal;
- b) The utility's rejection of the customer-owned generating system proposal must be accompanied by a counter-offer relating to the specific subject matter of the customer-owned generating system proposal; and
- c) If the utility is unable to respond to the customer-owned generating system proposal within 30 days, it shall inform the customer-owned generating system of:
 - 1) Specific information needed to evaluate the customer-owned generating system proposal.
 - 2) The precise difficulty encountered in evaluating the customer-owned generating system proposal.
 - 3) The estimated date that it will respond to the customer-owned generating system proposal.
- d) The Commission may become involved in the utility negotiations upon showing by either the utility or the customer-owned generating system that a reasonable conclusion cannot be reached under the above guidelines. The Commission may provide a waiver to the guidelines and order new negotiation requirements so that a reasonable conclusion can be reached.
- e) A copy of all negotiated buy-back rates shall be sent to the Commission. These rates shall not be effective until the contract is placed on file by the Commission.

ELECTRIC - CUSTOMER OWNED GENERATION – GREATER THAN 20 KW

CHARGES FOR ENERGY SUPPLIED BY THE UTILITY

Energy supplied by the utility to the customer shall be in accordance with the standard applicable rate schedules of the utility.

CONTRACT REQUIRED

A contract is required between the utility and the customer (either the individual(s) or the corporate entity) that owns a generation facility. The contract shall specify safety, system protection, and power quality rules that the generator operation must comply with. The contract shall require a minimum of \$300,000 liability insurance or proof of financial responsibility for the customer owned generation system. Each of the parties shall indemnify and save harmless the other party against any and all damages to persons or property occasioned, irrespective of the negligence of such other party, by the maintenance and operation by such parties of their respective generation, operation, electric lines and other electrical equipment. The contracts with customer owned generation facilities selling energy under the standard (non-negotiated) rate have no specific term or length. Contracts with customer owned generation facilities selling energy under a negotiated rate shall contain performance requirements and be of sufficient length to ensure the utility avoids the costs for which the customer owned generating facility is being compensated.

CUSTOMER OBLIGATIONS

a) Metering Facilities and Wiring

The customer shall furnish, install and wire the necessary service entrance equipment, meter sockets, meter enclosure cabinets or meter connection cabinets that may be required by the utility to properly meter usage and sales to the utility.

b) Interconnection Costs

The owner of the generating facility shall be required to pay all interconnection costs, including metering, incurred by the utility. Said costs, including financing costs, shall be paid by the owner within two years of the interconnection of facilities.

c) Liability Insurance

The owner of the generating facility shall be required to have liability insurance on the generating facility of at least \$1,000,000 or be able to prove financial responsibility.

ELECTRIC - CUSTOMER OWNED GENERATION – GREATER THAN 20 KW

d) Interconnection and Operation (Safety and Power Quality) Requirements

Electric service to a customer-owned electric generation installation may be disconnected for failure to comply with these requirements.

- 1) Interconnection of a generating facility with the utility system shall not be permitted until application has been made to and approval received from the electric utility. The utility may withhold approval only for good reason such as failure to comply with applicable utility or governmental rules or laws. The utility shall require a contract specifying reasonable technical connection and operating aspects for the parallel generating facility.
- 2) The utility may require that for each generating facility there be provided between the generator or generators and the utility system, a lockable load-break disconnect switch. For installations interconnected at greater than 600 volts, a fused cutout switch may be substituted, where practicable. The switches shall be accessible to the utility for the purpose of isolating the parallel generating facility from the utility system when necessary.
- 3) The utility shall require a separate distribution transformer for a customer having a generating facility where necessary, for reasons of public or employee safety or where the potential exists for the generating facility causing problems with the service of other customers. Ordinarily this requirement should not be necessary for an induction-type generator with a capacity of 5 kW or less, or other generating units of 10 kW or less that utilize line-commutated inverters.
- 4) Where necessary, to avoid the potential for a facility causing problems with the service of other customers, the utility should limit the capacity and operating characteristics of single-phase generators in a manner consistent with its existing limitations for single-phase motors. Ordinarily single-phase generators should be limited to a capacity of 10 kW or less.
- 5) The utility shall require that each generating facility have a system for automatically isolating the generator from the utility's system upon loss of the utility supply, unless the utility desires that the local generation be continued to supply isolated load. For synchronous and induction generators such protection against continued operation when isolated from the utility system will ordinarily consist of overcurrent protection, fuse or circuit breaker, plus a voltage or frequency controlled contractor which would automatically disconnect the unit whenever its output voltage or frequency drifted outside predetermined limits, such as plus or minus 10% of the rated values.

Other suitable protective systems against abnormal voltages of frequencies may be accepted by the utility.

ELECTRIC - CUSTOMER OWNED GENERATION – GREATER THAN 20 KW

- d) Interconnection and Operation (Safety and Power Quality) Requirements (cont'd)
- 6) The utility shall require that the customer discontinue parallel generation operation when it so requests and the utility may isolate the generating installation from its system at times:
 - a) When considered necessary to facilitate maintenance or repair of utility facilities.
 - b) When considered necessary during system emergencies.
 - c) When considered necessary during such times as the generating facility is operating in a hazardous manner, or is operating such that it adversely affects services to other customers or to nearby communication systems or circuits.
 - 7) The owner of the generating facility shall be required to make the equipment available and permit entry upon the property by electric and communication utility personnel at reasonable times for the purposes of testing isolation and protective equipment, and evaluating the quality of power delivered to the utility's system; and testing to determine whether the local generating facility is the source of any electric service or communication systems problems.
 - 8) The power output of the generating facility shall be maintained such that frequency and voltage are compatible with normal utility service and do not cause that utility service to fall outside the prescribed limits of Commission rules and other standard limitations.
 - 9) The generating facility shall be operated so that variations from acceptable voltage levels and other service impairing disturbances do not result in adverse effects on the service or equipment of other customers, and in a manner which does not produce undesirable levels of harmonics in the utility power supply.
 - 10) The owner of the generating facility shall be responsible for providing protection for the owner's installed equipment and for adhering to all applicable national, state and local codes. The design and configuration of certain generating equipment such as that utilizing line-commutated inverters sometimes requires an isolation transformer as part of the generating installation for safety and for protection of the generating facilities.

ELECTRIC - CUSTOMER OWNED GENERATION – GREATER THAN 20 KW

UTILITY OBLIGATION

a) Metering Equipment

The utility shall install appropriate metering facilities to record all flows of energy necessary to bill in accordance with the charges and credits of this rate schedule.

b) Notice to Communication Firms

Each electric utility shall notify telephone utility and cable television firms in the area when it knows that customer-owned generating facility is to be interconnected with its system. This notification shall be as early as practicable to permit coordinated analysis and testing in advance of interconnection, if considered necessary by the electric or telephone utility or cable television firm.

RIGHT TO APPEAL

The owner of a generating facility interconnected or proposed to be interconnected with a utility system may appeal to the Commission should any requirement of the utility service rules filed in accordance with the provisions of PSC 113.70 or the required contract be considered to be excessive or unreasonable. Such appeal will be reviewed and the customer notified of the Commission's determination.

ELECTRIC - EXTENSION RULES

Electric Extensions shall follow PSC113.1000 of the State of Wisconsin Administrative Code.

1) DEFINITIONS

Extension is defined as any additional overhead or underground distribution facilities installed by the Company to make electric service available to customer(s) not now being provided with such service. The point(s) of delivery, to be determined by the customer(s), are subject to approval by the Company. The extension will consist of rights-of-way, permits, easements, accessories, poles, conductors, transformers and accessories, secondary laterals and any other materials necessary to provide the customer(s) with service. The length of an extension shall be determined by the distance between the tie to existing distribution facilities and the point of connection with the customer(s) service drop or service lateral.

Service Drop is defined as the overhead service between the last pole or other aerial support of the distribution system, and the point of attachment to the customer's service entrance equipment, and is normally located on the customer's property.

Service Lateral is defined as the underground service between the distribution system, including any risers at a pole or other structure, and the service entrance equipment. It is normally located on the customer's property.

Distribution System is defined to include all primary lines and cables, secondary lines and cables, transformers and control equipment necessary to extend electric service to points of connection with service drops or service laterals. Transformers and associated equipment, even though located at the customer's end of a primary service drop or lateral, are included in the distribution system. Normally, the distribution system is located on public streets, alleys, roads and back lot lines. It may also be located on easements granted by the property owner desiring service, without expense to the utility.

Service Entrance Equipment is defined as the meter socket and related overhead masthead or conduit for underground service. This equipment is provided by the customer(s), and is generally located on or in the customer's building.

Modification is defined as any change, regardless of nature, to existing Company equipment.

ELECTRIC - EXTENSION RULES

2) GENERAL POLICY

Upon request by the customer, a service drop or service lateral shall be provided by the Company. Such installation shall be in compliance with other provisions of these rules. The Company reserves the right to disapprove the service applied for by the customer if such service would, in the opinion of the Company, create undue hardship upon the Company or any other third party(s).

Any extension made to existing distribution line facilities shall be subject to possible advance payments as provided in Section 3, Contributions. If the Company is not assured as to the stability and economic feasibility of any extension, the right is reserved by the Company to require the customer(s) to execute a contract for a definite period and level of service, to pay a minimum monthly guarantee or to otherwise protect the Company against possible loss.

The Company reserves the right to make interpretations of all extension rules contained herein.

3) CONTRIBUTIONS

Subject to compliance with other provisions of these rules, the Company shall provide new services free of charge to the customer.

For a new distribution line extension, the customer(s) shall pay in advance of construction, as a refundable contribution, the cost of construction of such new distribution facilities (lines, poles, towers, conduit, etc.) in excess of the total average embedded cost of existing utility facilities. The cost of construction of such new distribution facilities will not include the cost of individual transformers or increased transformer capacity. Contributions shall be refundable as specified in Section 8, Refunds. If the Company installs, for its own purposes, distribution facilities in excess of those normally installed, the additional cost for those facilities will not be used in determining any required customer contribution.

If the facilities design requires or customer requests non-standard facilities, the Company shall require the customer to pay a refundable contribution in advance of construction for the portion of the facilities in excess of the standard design.

For customers billed on an energy-only basis, the total average embedded cost is equal to the average embedded cost calculated in subparagraph (a) below multiplied by the number of customers requesting the extension. For customers billed on a demand and energy basis, the total average embedded cost is equal to the average embedded cost calculated in subparagraph (b) below multiplied by the billed kW demand of the customer requesting the extension.

ELECTRIC - EXTENSION RULES

3) CONTRIBUTIONS (Cont'd)

Prior to construction, the billed kW demand will be estimated to determine a preliminary total average embedded cost. This estimate will be based upon information provided by the customer and the Company's experience with other similar installations. The Company shall require a contract to cover this situation when an extension is requested by a demand and energy customer. For overhead (does not include ornamental) street lighting customers, the total average embedded cost is equal to the average embedded cost calculated in subparagraph (c) below multiplied by the number of street lighting fixtures to be attached to the extension.

The average embedded cost of existing utility facilities shall be determined annually on a customer classification basis as follows:

- a) For **energy only customers**, the average embedded cost of the distribution facilities shall be calculated by dividing the depreciated embedded cost minus contributions for the distribution facilities allocated to this classification of customers multiplied by the number of customers. This average embedded cost for the 12-month period ending December 31, 2019, is \$425.00 per customer. R

- b) For **demand and energy customers**, the depreciated embedded distribution facility costs minus contributions allocated to this classification of customers shall be divided by the total monthly billed demand of these customers to produce an average embedded cost per kilowatt of demand. This average embedded cost for the 12-month period ending December 31, 2019, is \$41.20 per kilowatt of billed demand. R

- c) For **overhead street lighting facilities**, the total depreciated distribution facility costs minus contributions allocated to the street lighting rate shall be divided by the number of street lighting fixtures to produce an average embedded cost per fixture. This average embedded cost for the 12-month period ending December 31, 2019, is \$11.70 per fixture. R

Updated average embedded cost figures and calculations shall be submitted annually to the Public Service Commission of Wisconsin.

Additional customers attaching to an extension shall not make any contributions for that extension.

Seasonal customers shall receive not more than one-half the total average embedded cost as a credit against the cost of construction of an extension.

ELECTRIC - EXTENSION RULES

3) CONTRIBUTIONS (Cont'd)

Developers and sub dividers shall pay, in advance of construction, the full cost of construction of distribution line facilities in subdivisions. (See Section 8, Refunds)

In addition to paying any refundable contribution, the customer shall also pay, in advance of construction as a non-refundable contribution, the cost of facilities in excess of standard extension costs when the facilities desired by the customer require higher than normal construction cost due to such conditions as trenching in rocky or frozen ground, boring pavement, cutting, etc.

Any modification to existing distribution line facilities or service facilities shall be charged for as specified in Section 6, Modification of Existing Facilities.

4) CONSTRUCTION COSTS

The Company will base its estimate of construction costs on its experience with similar installations, taking into account reasonable current costs and anticipated charges to those costs. The Company's estimate of the costs of an extension or modification will include right-of-way costs and all items of labor, equipment and materials (except meters and transformers), together with allowances thereon for engineering, general office expense and such other incidental expenses necessary to the supplying of electric service to the customer(s). The Company shall make extension or modifications over the least cost, least environmentally degrading and most direct route available unless other overriding factors exist. Actual costs will be reviewed upon completion of construction and the construction cost estimate will be adjusted accordingly. If said recalculation differs by more than \$20 from the original estimate, a refund or additional billing shall be rendered to the customer.

5) CONSTRUCTION STANDARDS

Each request for new service or modification of service will require a written application agreeing to pay the contribution required, if any. Such contribution is payable in accordance with Section 3, Contributions.

The applicant for new service or modification of service may select the point of delivery with approval of the Company, at which point the Company will deliver service at applicant-owned terminating facilities. The applicant will furnish, own and maintain circuits and equipment beyond such point, except for metering equipment.

ELECTRIC - EXTENSION RULES

5) CONSTRUCTION STANDARDS (Cont'd)

It is necessary that a customer's service entrance facilities be located at a point most readily accessible to the Company's distribution system. Also, the service entrance equipment shall be installed at a location approved by the Company. It is necessary to avoid crossing adjacent property with service drops or laterals. If the distribution system is established in the rear of the premises, the service entrance must be brought to the rear of the building. Where the distribution system is located on the street or where no distribution system has been established, the customer shall request the Company to specify an acceptable location of the service entrance facilities. The Company will furnish this information in writing upon request.

Meters will be furnished and installed by the Company at no charge to the customer. The customer must, however, furnish all necessary extra wiring to meet the interconnection and must furnish a safe and convenient place for the meter. Meter socket(s) shall be installed on the exterior of the building unless otherwise approved by the Company prior to installation or it shall be changed by the customer to conform to Company standards. Instrument transformers and related equipment shall be supplied by the Company and installed by the customer in a manner approved by the Company.

In the event a customer desires an additional meter installed for their own convenience, the customer shall contract for the installation with a contractor and shall be responsible for the total cost of same, including meter.

Meters are sealed by the Company and such seals shall not be broken or tampered with without the consent of the Company except in cases of emergency. The Company should be notified as soon as possible after a seal has been broken.

Multiple service drop or service lateral installations shall be installed only in accordance with applicable Codes.

If an existing customer with a single phase service drop or lateral requests three phase service, the customer shall rewire their equipment to operate from the three phase service drop or lateral before three phase service will be extended. The single phase service drop or lateral will be removed from service after the three phase service has been extended.

In overhead facilities installation, the applicant(s) for service shall furnish any necessary right-of-way on their own property without cost to the Company, adequate for the line extensions necessary to serve them and along a route approved by the Company.

ELECTRIC - EXTENSION RULES

5) CONSTRUCTION STANDARDS (Cont'd)

In underground facilities installation, the applicant(s) shall furnish, at no expense to the Company, recordable easements granting rights-of-way in form and substance satisfactory to the Company for the installation and maintenance of the underground facilities. The rights-of-way as designated by the Company shall be a minimum of 10 feet in width. No buildings or trees shall be placed on said rights-of-way. The rights-of-way may be used for gardens, shrubs, landscaping, and other purposes that will not interfere with maintenance of electric facilities.

Except for damage caused by negligence, the Company shall not be held liable for damage to trees, shrubs, fences, sidewalks or other obstructions, incident to installation, repair or replacement of underground electric facilities.

The applicant(s) shall inform the Company of any known or expected underground obstructions within the cable routes on their property (septic tanks, drainage tile, etc.). All cable routes shall be within 6 inches of final grade prior to installation of cable. Any earth fill added to bring the cable route to within 6 inches of final grade prior to the underground construction shall not contain large rocks, boulders, debris or rubbish.

In the event of future changes in grade levels by the customer(s) that would materially change the depth of cover over underground conductors, or affect transformer locations, the landowner shall notify the Company in advance of grading, and shall pay the Company its cost of moving or replacing its equipment to accommodate the change in grade. Such charge will also be made for changes in buildings, structures, foundations or walls, or other obstructions.

The Company will not install a service lateral where engineering, operating, construction, safety or legal problems would, in the Company's judgment, make it inadvisable to make the installation.

Customers requesting poly-phase service laterals or single phase service laterals of more than 200 amps shall install and own all necessary facilities to reach Company's point of delivery. The Company's point of delivery shall either be at the secondary bushings of a pad mount transformer where the distribution line is underground or at a Company-approved point on the nearest pole where the distribution line is overhead.

ELECTRIC - EXTENSION RULES

CUSTOMER'S RESPONSIBILITY FOR DAMAGE TO COMPANY EQUIPMENT

The developer or builder will save the Company harmless from any damage to the Company's facilities resulting from other construction work on the premises.

ABNORMAL TRENCHING COSTS

The applicant will pay, in advance, an amount equal to the estimated extra cost of trenching and hand digging through any area where normal plowing and trenching methods cannot be used; e.g., ledge rock, boulders, landfill, trees, heavy underbrush, water courses, etc. Winter charges will apply for any service lateral and/or distribution extension installed between December 1 and March 31 unless the application for service and/or request for distribution extension is received prior to November 1 and the premise and/or site is ready for installation prior to December 1.

INSTALLATIONS UNDER AND THROUGH PAVED AND LANDSCAPED AREAS ON PRIVATE PROPERTY

Where it is necessary to install Company facilities in paved or landscaped areas on private property, the Company will make the installation and return the surface area to as near the original state as is reasonably practicable to do.

INSTALLATION OF FACILITIES

The character, location, and method of installation of the facilities to be constructed by the Company hereunder will be at the sole discretion of the Company and will conform to specifications prepared by the Company. Any exceptions, if consented to by the Company, will be at the customer's expense.

APPLICABILITY OF GOVERNMENTAL CODES

All facilities installed by the Company and the customer will comply with the appropriate provisions of the applicable governmental codes.

EXTRAORDINARY INVESTMENT

Where, in the opinion of the Company, its investment in an extension appears extraordinary, or where extensive enlargement or changes to its existing distribution or other facilities are required to accommodate the customer(s) requesting service do not appear to be economically justified, the Company may require the customer(s) to pay the Company that portion of the capital expenditure not economically justified by the anticipated annual revenue. Such payments will be made in advance of construction. (See also Overhead and Underground Distribution Extensions, Economic Evaluation, where the Company may require a specific contract with the customer to pay operating and maintenance expenses.)

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ELECTRIC - EXTENSION RULES

6) MODIFICATION OF EXISTING FACILITIES

At the request of the customer, the Company will, in accordance with other provisions of these rules, modify the existing distribution line facilities or service facilities serving that customer. Such modification will be made only if it is deemed feasible by the Company. Types of modifications shall include, but not be limited to, upgrading due to insufficient capacity, replacement with underground construction and relocation. The customer shall, in advance of such modification, pay the Company an amount equal to:

- a) The full cost of the new facilities including any charges for necessary changes and additions to remaining facilities;
- b) Less the accrued depreciation of the facilities to be removed from service;
- c) Less any salvage;
- d) Plus the cost of removal;
- e) Plus the cost of any related maintenance.

If the customer is billed on a demand and energy basis, any increase in billing kW associated with the modification of facilities shall create an additional embedded cost credit for the customer. Any billing kW increase and credit shall be determined in accordance with the fourth paragraph of Section 3, Contributions. The base load for determining any increase shall be the customer's billing kW during the previous 12-month period.

If a customer is served under an energy-only classification prior to the upgrade and transferring to a demand classification, any increase in demand load between billing kW associated with the new classification and an estimate of customer's prior average demand will result in an additional embedded cost credit for the customer. Any credit shall be determined in accordance with paragraph 4 of Section 3, Contributions.

If a customer served under an energy-only sub classification prior to an upgrade qualifies for a different energy-only sub classification after the upgrade, the customer shall receive a cost allowance equal to the difference between the two embedded cost allowances.

If no customer requests it, but the Company finds it necessary to relocate or rebuild existing facilities, the customer(s) responsible, when responsibility can be determined by the Company, shall pay, in advance of construction, an amount equal to (a) through (e) above.

If such modification affects any other party(s), the customer(s) requesting the modification of facilities shall have obtained in advance the approval of such other party(s), and shall pay all necessary costs to fully restore normal electric service to such other party(s).

Any necessary changes in the customer's wiring or service equipment caused by the above modifications shall be borne by the customer.

ELECTRIC - EXTENSION RULES

6) MODIFICATION OF EXISTING FACILITIES (Cont'd)

The Company shall not charge the customer to upgrade an overhead service drop or underground lateral with a larger size of the same type. A contribution equal to the difference in cost of an underground lateral and equivalent overhead service drop shall be required when the customer requests an upgrade from an overhead service drop to an underground service lateral.

Where the Company chooses to relocate its distribution system and it is impracticable to bring a service drop or lateral to the existing service entrance facilities, the Company will make the necessary changes in the customer's wiring and service equipment without expense to the customer.

In the event that the Company is ordered by a unit of government to move its distribution facilities, a new service drop will be installed, where practicable, to the existing service location without expense to the customer.

If, in the opinion of the Company, it is impracticable to utilize the existing service entrance facilities, the Company will specify a new service location and the expense of the necessary changes in the customer's wiring and service equipment shall be borne by the customer.

7) INSPECTION REQUIREMENTS

In a new service or modification of service **within the city limits**, the contractor or person responsible for the installation of the customer's electric wiring and associated equipment related to each type of service, shall contact the appropriate governmental agency for approval of the new or modified service prior to the Company's connecting such service. The Company shall be furnished, in writing, evidence of each approved service.

In a new service or modification of service **outside of the city limits**, the contractor or person responsible for the installation of the customer's electric wiring and associated equipment related to each type of service shall deliver an affidavit on a form supplied by the Company, attesting to the fact that the work complies with the Wisconsin State Electrical Code and the service rules of the Company. Affidavits must clearly indicate the nature of the work done, such as residential wiring, residential fixtures, garage wiring, range, heaters, motors or other wiring or equipment. In cases of additional wiring or changes which require meters to be replaced or moved to new locations, inspection by the Company and appropriate governmental agency will be required. Where such changes require new service entrances at a new location, the existing service entrances should not be disconnected before the new service entrances are connected and ready for operation.

ELECTRIC - EXTENSION RULES

7) INSPECTION REQUIREMENTS (cont'd)

If, upon inspection by the Company and appropriate governmental agency, certain installations are found to contain discrepancies, such discrepancies shall be corrected before permanent connection of service will be completed, or at its option, the Company may mail the customer a written request demanding conformity within a ten-day period or any prior service connection made by the Company will be disconnected and terminated.

The Company will connect the service entrance wires to the service wires. The Company will not be responsible for damage or injury resulting from unauthorized disconnection or reconnection of service wires.

8) REFUNDS

As additional customers attach to an extension, the original contributor(s) for the extension will receive refunds. These refunds from the utility shall be equal to the total average embedded cost for each new customer less any distribution-related expenses associated with providing service to the additional customers. The greater of the embedded costs at the time the extension was installed or the current embedded cost allowance shall be used for these refund calculations.

No refund will be made because of the connection of additional customers after five years from the date service was first established on the extension.

Developers and sub dividers shall receive refunds as customers build and connect to the electric facilities in subdivisions. As customers attach to the subdivision extension, the developer shall receive refunds equal to the greater of the average embedded cost per customer in effect when the extensions were made or the current embedded cost allowance for each customer. No refunds will be made after five years from the date service was first established on the extension.

Except as specified in Section 3, Contributions, an extension of an existing primary distribution line to serve an additional customer(s) shall be considered a new extension. The customer(s) to be served by the extension will make a contribution as provided in these rules for the new extension only. The contributor(s) of the existing primary distribution line from which the new extension is made will not receive refunds.

Unless otherwise provided by written agreement at the time a contribution is made, the right to receive refund on any contribution held hereunder shall attach to the ownership of the premises at each service location, and any refund shall be made to the person who owns such premises at the time the refund becomes due.

The refund of any payment made in advance of construction shall not include interest.

ELECTRIC - EXTENSION RULES

9) OWNERSHIP OF EXTENSION

The title to every extension at all times is with the Company. The Company reserves the right at all times to add additional customers to an extension and to make new extensions to an existing extension, under the provisions of these rules, without procuring the consent of any customer or customers contributing to the original construction costs, and without incurring any liability for refunding contributions except as provided for herein.

10) COMPANY FACILITIES ON CUSTOMER'S PREMISES

This rule shall apply to the distribution facilities required to serve either a group of customers in multi-tenancy premises or a single customer where, in either case, the Company finds that it is necessary to install portions of such facilities on the premises being served. Such customer or property owner, when requested by the Company, shall make provisions on their property for the installation of Company-owned facilities required for their service or services. Company facilities shall consist of those which, in the opinion of the Company, are necessary to furnish adequate service at the Company's point of delivery.

11) CUSTOMER'S RESPONSIBILITY FOR COMPANY'S EQUIPMENT

The customer shall be responsible for all damage to the Company's equipment, and for all loss resulting from interference or tampering therewith, caused by the customer or their permittees, including compensation for consumed energy not recorded upon the meter (see Service Regulations, SR 10, paragraph 6 - Diversion of Service).

Meters are sealed by the Company and such seals shall not be broken or tampered with without the consent of the Company except in cases of emergency. The Company should be notified immediately if a seal has been broken.

ELECTRIC - EXTENSION RULES

12) TEMPORARY SERVICE

The Company will extend temporary service under the following rules:

- a) The customer will agree to reimburse the Company for its expenditures in extending service. Temporary service customers are not eligible for average embedded cost credits.
- b) The "costs of extending service" include all items of labor, equipment and materials, with the customary overhead charges necessary to furnish the customer with the service requested. It shall also include any costs involved in the dismantling of materials and their return to stock. Where materials dismantled have a salvage value, the "costs of extending service" will be credited with such salvage value.
- c) All energy will be measured at one standard voltage at some convenient point designated by the Company.
- d) The customer will make the necessary arrangements and provide for the necessary equipment in the event more than one voltage is required.
- e) The cost of all construction (labor, equipment and materials) necessary to distribute energy on the premises occupied by the customer will be borne by the customer.
- f) The Company may require the customer to make an advance deposit sufficient to cover the "costs of extending service" and the estimated bill for energy.
- g) The rates applicable in the area wherein temporary service is rendered shall be applied in determining the consumer's bill.

All temporary service shall be inspected by the appropriate governmental agency or an approved affidavit furnished the Company. The temporary service shall be maintained in a safe manner in order to hold the Company harmless from injury to persons or property. The service shall remain temporary only for a reasonable time and must be permanent when the Company directs such action.

ELECTRIC - EXTENSION RULES

13) CONTRACTS

Customers may be required to contract to take service.

14) EXTENSION OR MODIFICATION OF TRANSMISSION FACILITIES TO RETAIL CUSTOMERS

Before the Company extends or modifies its transmission facilities to a retail customer, the Company shall require a contract between the Company and the customer which describes the facilities to be constructed, lists construction costs, allocated cost responsibility between the Company and customer and provides supporting analysis for determining costs and apportionment of those costs. The Company shall submit such contract to the Public Service Commission for review and approval. If the Public Service Commission does not respond to the Company within 20 working days from the date received, the contract shall be considered approved.