

WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 0 Sheet 148

Effective In All Areas Served In Wisconsin

Amendment No. 652

Rate Schedule Ms 2

INCANDESCENT STREET LIGHTING SERVICE

CONDITIONS OF DELIVERY

1. General

- (1) The Company will deliver single-phase, 60 hertz service to customer-owned street lighting systems at the most conveniently available primary voltage but in no case less than approximately 2,200 volts.
- (2) This rate contemplates lamps being lighted every night from approximately 30 minutes after sunset to 30 minutes before sunrise providing dusk-to-dawn operation. The control of customer-owned lamps shall be the responsibility of the customer.
- (3) The amount of energy furnished shall generally be determined by means of meters installed on the primary side of constant-current transformers serving series street lighting circuits or on the secondary side of constant-voltage transformers serving multiple circuits. In the latter case, meter registration shall be increased by 3 percent to compensate for transformer losses. All energy used by each governmental unit under this rate shall be combined for billing purposes.
- (4) Where the installation of metering equipment is impractical, the Company may determine the amount of energy used during any month by multiplying the rated kilowatt capacity of all lamps and accessory equipment, plus 5 percent for losses, by 350 hours for the month.
- (5) Electric service will not be furnished under this rate for breakdown or standby purposes where another source of power is available to the customer.

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- (6) Energy furnished under this rate shall not be used for purposes other than those specified hereunder and shall not be resold.
 - (7) Street lighting service is available in only those communities where the Company has a general distribution system installed for light and power service.
2. Customer-Owned Systems
- (1) The Company will furnish energy hereunder at primary voltage for the operation of a standard street lighting system which is owned, operated and adequately maintained by the customer.
 - (2) Customer-owned systems shall be designed and operated to provide an average power factor or not less than 85 percent at the points where energy is delivered.
3. Other Authorized Applications for Street Lighting Customers
- (1) A customer using street lighting service may purchase energy at primary voltage at the foregoing energy charge for operation of traffic signals and for public park and playground purposes. If a line extension is required, the regular line extension rules shall apply.
 - (2) A customer using street lighting service may also purchase energy at primary voltage at the foregoing energy charge for water and sewage pumping service, under the following conditions:
 - (a) Service under this rate will continue to be available to sewage and water pumping installations taking service under it as of October 11, 1980. Service is not available under this rate for such purposes to a successive customer or new installation.

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CONDITIONS OF DELIVERY

- (b) Such service will be furnished at the Company's most conveniently available voltage but in no case at a voltage lower than approximately 2,200 volts. The customer shall furnish the necessary substation, including all transformation, switching and protection equipment required to utilize this service. The construction of such substation shall be in accordance with the Electric Service Rules and Regulations of the Company.
- (c) The Company may provide for the measurement of energy on the secondary side of the customer's transformers and add 3 percent to the registration of the meters to compensate for transformer losses.
- (d) The Company may require the customer to install approved limiting devices to limit the use of service at any or all of its pumping stations to off-peak hours. Such limiting devices shall be of a type which will permit the use of service during emergencies such as in the event of fire or broken mains.
- (e) Pumping service shall be available for periods of one year or longer, but only for periods during which the customer receives street lighting service hereunder.
- (f) If a line extension is required, the regular line extension rules shall apply.
- (g) For billing purposes, energy purchased under this rate for pumping water or sewage may be combined with that purchased for street lighting purposes. Energy supplied for the operation of traffic signals and for public park and playground purposes may also be combined when it is delivered at locations within or adjoining areas receiving street lighting service hereunder.

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