

JACKSON ELECTRIC MEMBERSHIP CORPORATION

SCHEDULE S-19

OUTDOOR LIGHTING SERVICE

AVAILABILITY:

Throughout the Cooperative's service area from existing lines of adequate capacity.

APPLICABILITY:

Applicable to outdoor lighting on customer property or public street lighting by means of standard mercury, sodium vapor, light emitting diode, or metal halide luminaires, utilizing poles and fixtures conforming to Cooperative specifications. Service includes maintenance, lamp renewal, and energy; however, the customer may be required to reimburse the Cooperative for the cost of any maintenance work which is required because of vandalism.

Lighting service will be provided only at locations that solely in the opinion of the Cooperative are accessible to Cooperative trucks for servicing purposes.

MONTHLY RATES:

The following are the monthly charges per lamp for standard light fixture for all night service (estimated 4000 hours of operation per year) plus energy where lamp is mounted on a standard pole.

| Wattage | Mean Lumens | Open Bottom | Town & Country | Fixtures on Wood Pole | | Fixtures on Non-Wood Pole | | |
|-----------------------------|-------------|-------------|----------------|-----------------------|-------------------|---------------------------|-------------------|--------------------|
| | | | | Roadway/Cobrahead | Directional Flood | Roadway/Cobrahead | Directional Flood | Shoebox/Decashield |
| High Pressure Sodium | | | | | | | | |
| 100 | 8,500 | | | \$13.00 | | \$19.75 | | |
| 150 | 14,500 | | \$15.50 | \$15.75 | \$18.25 | \$22.50 | \$25.00 | |
| 250 | 27,000 | | | \$19.75 | \$21.75 | \$26.50 | \$28.50 | \$30.75 |
| 400 | 45,000 | | | | \$25.75 | | \$32.50 | |
| 1000 | 120,000 | | | | | | | \$61.75 |
| Pulse Metal Halide | | | | | | | | |
| 150 | 12,500 | | \$18.25 | | | | | \$32.25 |
| 400 | 28,000 | | | | \$28.50 | | \$35.25 | |
| 1000 | 80,000 | | | | | | | \$63.50 |
| LED | | | | | | | | |
| 100 Equivalent | 6,900 | \$11.25 | \$13.50 | \$13.00 | | \$19.75 | | |
| 250 Equivalent | 15,000 | | | \$19.75 | | \$26.50 | | |
| 400 Equivalent | 20,700 | | | \$27.50 | \$28.50 | \$34.25 | \$35.25 | \$38.25 |
| 1000 Equivalent | 30,500 | | | | \$48.75 | | \$55.50 | \$63.50 |

**COOPERATIVE OWNED AND MAINTAINED SYSTEMS
FIXTURES NO LONGER OFFERED FOR NEW INSTALLATIONS**

| Wattage | Mean Lumens | Open Bottom | High Mast | Fixtures on Wood Pole | | | Fixtures on Non-Wood Pole | | | |
|-----------------------------|-------------|-------------|-----------|-----------------------|-------------------|----------------|---------------------------|-------------------|----------------|--------------------|
| | | | | Roadway/Cobrahead | Directional Flood | Turnpike Flood | Roadway/Cobrahead | Directional Flood | Turnpike Flood | Shoebox/Decashield |
| High Pressure Sodium | | | | | | | | | | |
| 100 | 8,500 | \$11.25 | \$13.50 | | | | | | | |
| 150 | 14,500 | \$15.00 | | | | | | | | |
| 250 | 27,000 | | | | | \$27.00 | | | \$33.75 | |
| 400 | 45,000 | | | \$23.00 | | \$31.25 | \$29.75 | | \$38.00 | \$33.50 |
| 1000 | 120,000 | | \$52.50 | | \$45.50 | | | \$52.25 | | |

| Wattage | Mean Lumens | Open Bottom | Town & Country | Fixtures on Wood Pole | | | Fixtures on Non-Wood Pole | | | |
|----------------------|-------------|-------------|----------------|-----------------------|-------------------|----------------|---------------------------|-------------------|----------------|--------------------|
| | | | | Roadway/Cobrahead | Directional Flood | Turnpike Flood | Roadway/Cobrahead | Directional Flood | Turnpike Flood | Shoebox/Decashield |
| Metal Halide | | | | | | | | | | |
| 175 | 10,000 | | \$18.25 | \$18.25 | | | | | | \$32.25 |
| 250 | 16,000 | | | | \$24.50 | | | \$31.25 | | \$33.25 |
| 400 | 28,000 | | | \$27.50 | | | \$34.25 | | | \$38.25 |
| 1,000 | 80,000 | | | | \$48.75 | | | \$55.50 | | |
| Mercury Vapor | | | | | | | | | | |
| 175 | 7,000 | \$12.00 | | \$20.00 | | | | | | |
| 400 | 20,000 | | | \$23.00 | | | \$29.75 | | | \$32.50 |
| 1000 | 50,000 | | | \$40.00 | | | | | | |

ADDITIONAL POLES:

For Cooperative owned and maintained lights, the Cooperative will provide one standard pole for each luminaire installed. Where it is necessary for the Cooperative to install more than one wood pole in order to provide lighting service, the customer shall make a one time contribution in aid to construction in the amount of \$325.00 for each additional wood pole required to provide service.

For poles other than wood, refer to "Other Charges."

OTHER CHARGES

The cooperative may agree to purchase and install outdoor lighting not shown above. A non-refundable contribution in aid of construction may be required from the customer and a monthly lighting rate shall be calculated in the amount to include, but not limited to the following components: energy, capital cost, operation and maintenance, taxes, administrative and general, customer accounting, customer service, and margin.

EXPLANATORY NOTES:

Underground Service

Where service is to be provided with underground facilities, the Cooperative may require a contribution in aid to construction in accordance with the Cooperative's Service Rules and Regulations and Underground Policies.

Where underground wiring is desired and paving exists, the customer will be required to remove paving, dig trench, install duct furnished by the Cooperative, back fill and replace paving.

Replacement of Existing Facilities

In the event the Cooperative is required to replace an existing Cooperative-owned lighting system with another type, the customer may be required to pay the Cooperative \$50.00 per fixture. If greater mounting heights are needed than can be reached with existing poles, the customer will be required to pay a contribution in aid to construction to cover costs.

MONTHLY RATE FOR CUSTOMER OWNED AND MAINTAINED SYSTEMS FOR SIGNBOARDS, CATV AMPLIFIERS, AND TRAFFIC SIGNALS:

For signboards, CATV amplifiers and traffic signals the monthly rate shall be:

Photocell - controlled systems

| | | |
|------------------------|---|---------------|
| Service Charge | | \$9.00 |
| All kWh per month | @ | 7.74¢ per kWh |
| Minimum Bill = \$10.00 | | |

Where the Monthly kWh = watts connected times 0.35

24-Hour Service

| | | |
|------------------------|---|---------------|
| Service Charge | | \$9.00 |
| All kWh per month | @ | 8.09¢ per kWh |
| Minimum Bill = \$10.00 | | |

Where the Monthly kWh = watts connected times 0.75

Total wattage connected will be determined by:

1. By load count: Watts connected = wattage of lamps (times 1.2 if lamps have ballasts) times number of lamps; or
2. By direct measurement: Reading taken at time of service connection. Watts connected = volts times amps.
3. For CATV amplifiers, the nameplate wattage will be used
4. Meter reading.

The Cooperative may, at its option, verify kWh by installing a kWh meter or a device to limit connected load. The term "customer-owned system" means complete ownership by the customer of all facilities (including poles, fixtures, circuits, and disconnect devices) up to a point of connection to the Cooperative's supply lines. The location and number of service points shall be as specified by the Cooperative. The Cooperative may, at its option, require contribution in aid to construction for expenditures more than three and one-half (3-1/2) times the estimated annual revenue to be derived from the service.

WHOLESALE COST ADJUSTMENT:

The bill calculated at the above rate shall be increased or decreased subject to the provisions of the Cooperative's wholesale cost adjustment Schedule P.

For purposes of calculating the Wholesale Cost Adjustment, the Cooperative shall assume the following usage for each light per month, based on install Watts.

Non-LED Outdoor Lighting:

| Non-LED Outdoor Lighting | |
|---------------------------------|-------------------|
| Installed Watts | Usage |
| 100 Watt | 50 kWh per month |
| 150 Watt | 70 kWh per month |
| 175 Watt | 80 kWh per month |
| 250 Watt | 115 kWh per month |
| 400 Watt | 180 kWh per month |
| 1,000 Watt | 450 kWh per month |

LED* Outdoor Lighting:

| LED* Outdoor Lighting | |
|------------------------------|-------------------|
| Installed Watts | Usage |
| 100 Watt Equivalent | 16 kWh per month |
| 250 Watt Equivalent | 52 kWh per month |
| 400 Watt Equivalent | 71 kWh per month |
| 1,000 Watt Equivalent | 105 kWh per month |

**LED wattages are approximate*

TERMS OF PAYMENT:

If the account is not paid by the due date, a late fee in the amount specified in the Service Rules and Regulations may be added to the account. Further failure to pay a bill may subject a customer to disconnection and/or disconnection charges in accordance with the Cooperative's rules and regulations.

All charges are subject to applicable taxes.

CONTRACT PERIOD:

Original term of the contract shall be a minimum of one year; and thereafter until terminated by either party on thirty days written notice; but the Cooperative may require a contract of original term to five years, and may also require an advance payment up to one-half the estimated revenue for the term of the contract.