



GREYSTONE POWER CORPORATION

**OUTDOOR LIGHTING SERVICE
SCHEDULE OL**

Computer Rate Code 6

Effective: Billing Rendered November 1, 2008

AVAILABILITY:

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

APPLICABILITY:

Applicable only to outdoor lighting by ballast operated metal halide or sodium (HPS) or ((LPS) fixtures, and poles conforming to Cooperative specifications, and to uncontrolled metered outdoor lighting service. Service will be rendered only at locations that, solely in the opinion of the Cooperative, are readily accessible for maintenance.

MONTHLY RATE:

Part I. COOPERATIVE OWNED AND MAINTAINED SYSTEM
(THE SUM OF FIXTURE CHARGES IN SECTION A
AND FACILITY CHARGES IN SECTION B
(Where Applicable)

SECTION A- FIXTURE RATES

	<u>kWh</u>	<u>Fixture Rate</u>
<u>OUTDOOR SECURITY LIGHTING:</u>		
100 Watt HPS (Open)	44	\$ 7.00
175 Watt MV (Open) – Existing (NLA)	73	\$ 7.00
<u>FLOOD LIGHTING</u>		
150 Watt HPS	62	\$10.75
250 Watt HPS/MH	116	\$14.00
400 Watt HPS	176	\$16.75
400 Watt MH	176	\$17.30
1000 Watt MH	403	\$26.40
1000 Watt HPSV	403	\$26.40
<u>STREET LIGHTING</u>		
175 Watt MV – Alum. Cobra (NLA)	73	\$ 9.50
400 Watt MV – Alum. Cobra (NLA)	176	\$15.00
1000 Watt HPS – Alum. Cobra (NLA)	403	\$26.25
100 Watt HPS – Alum. Cobra	44	\$ 8.25
150 Watt HPS – Alum. Cobra	62	\$ 9.75
250 Watt HPS – Alum. Cobra	116	\$12.00
400 Watt HPS – Alum. Cobra	176	\$15.00
400 Watt HPS – Interstate	176	\$26.25
1000 Watt HPS – Interstate	403	\$42.75
1000 Watt HPS – Alum. Cobra	403	\$26.25
400 Watt HPS – “Mongoose”	176	\$15.50



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DECORATIVE AND SPECIAL

	<u>kWh</u>	<u>Fixture Rate</u>
100 Watt MV Post Top (NLA)	44	\$11.25
150 Watt Acorn Post Top	62	\$12.10
175 Watt MH Post Top (NLA)	73	\$12.50
150 Watt HPS Post Top	62	\$11.75
250 Watt HPS Post Top	116	\$14.30
250 Watt HPS Shoe Box	116	\$14.50
400 Watt HPS Shoe Box	176	\$18.00
250 Watt MH Shoe Box	116	\$17.00
400 Watt MH Shoe Box	176	\$23.00
1000 Watt MH Shoe Box	403	\$31.20
1000 Watt HPSV Shoe Box	403	\$31.20

SECTION B- FACILITY CHARGES

DESCRIPTION

Facility Charges
Facility Rate or Contribution

1.	Poles and Conductor		
	(a) Overhead Service		
	30 ft. Wood Pole	\$ 2.25	\$ 210
	35 ft. Wood Pole	\$ 2.50	\$ 235
	40 ft. Wood Pole	\$ 2.95	\$ 275
	45 ft. Wood Pole	\$ 3.30	\$ 310
	(b) Underground Service		
	30 ft. Wood Pole	\$ 2.25	\$ 210
	*30 ft. Wood Pole	\$ 6.25	\$ 395
	35 ft. Wood Pole	\$ 7.10	\$ 415
	40 ft. Wood Pole	\$ 7.85	\$ 460
	45 ft. Wood Pole	\$ 8.45	\$ 495
	28 ft. Fiberglass Pole (AB)	\$13.75	\$ 805
	38 ft. Fiberglass Pole (AB)	\$17.00	\$ 995
	20 ft Fiberglass Pole (DB)	\$ 6.00	\$ 355
	35 ft Fiberglass Pole (DB)	\$ 9.25	\$ 539
	47 ft Fiberglass Pole (DB)	\$12.40	\$ 726
	17 ft. 6" Concrete Fluted Pole (DB)	N/A	\$ 750



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**SECTION B- FACILITY CHARGES
NO LONGER AVAILABLE**

	24 ft 5" Fiberglass Pole (AB) (NLA)	\$18.30	\$1070
	27 ft 11" Fiberglass Pole (AB) (NLA)	\$19.30	\$1130
	32 ft 10" Fiberglass Pole (AB) (NLA)	\$20.70	\$1210
(EXISTING MEMBERS)	20 ft 11" Fiberglass Pole (DB) (NLA)	\$ 8.80	\$ 515
	24 ft 5" Fiberglass Pole (DB) (NLA)	\$13.70	\$ 800
	32 ft 10" Fiberglass Pole (DB) (NLA)	\$14.90	\$ 870
	36 ft 9" Fiberglass Pole (DB) (NLA)	\$13.30	\$ 895
	37 ft 9" Fiberglass Pole (DB) (NLA)	\$15.60	\$ 910
	27 ft Steel Pole (NLA)	\$19.40	\$1135
	32 ft Steel Pole (NLA)	\$20.85	\$1220

- * When consumer chooses URD service to the light where OH is the EMC preferred method of service.
- AB Anchor Based
- DB Direct Burial
- NLA No Longer Available

Contributions-in-aid-of-construction will be required for other types of poles, equal to the installed cost of such poles, including pole, conductor, cable riser, anchor base, etc., as applicable, for the installation. At its option, the Cooperative may determine and offer an appropriate monthly facilities rate, in lieu of such required contribution.

2. Street Light Arms and Fixtures

The standard installation for street lights will be an aluminum cobra head fixture mounted on an eight (8) foot arm. Contributions or facility rates will be required for the difference in cost for other types of installations in accordance with the following schedule:

A. ARMS

	<u>Aluminum</u>		<u>Bronze</u>
<u>Facility Rate</u>	<u>Contribution (1)</u>	<u>Facility Rate</u>	<u>Contribution (2)</u>
12 ft. Arm	\$0.40	\$ 22.00	N/A*
16 ft. Arm	\$0.75	\$ 43.00	N/A*
20 ft. Arm	\$3.15	\$184.00	N/A*

B. Fixtures (3)

	<u>Bronze Cobrahead Facility</u>	
	<u>Rate</u>	<u>Contribution</u>
100 Watt HPS	\$0.40	\$30.00
150 Watt HPS	\$0.50	\$30.00
250 Watt HPS	\$0.50	\$30.00
400 Watt HPS	\$0.50	\$30.00



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*N/A: Not available presently.

- (1) Contribution will be equal to actual cost less \$44.50
- (2) Contribution will be equal to actual cost less \$74.00
- (3) Contribution will be equal to actual cost less the cost for an equivalent aluminum cobra head fixture.

SECTION C- ADDITIONAL CHARGES

1. Where one (1) or more additional poles (lift poles) are required to provide lighting service at the location desired by the consumer, a non-refundable contribution-in-aid of construction as provided in Section (A) will be required.
2. The above monthly rates will apply only to fixtures and poles designated as standard equipment by the Cooperative. Contributions-in-aid of construction will be charged to cover the cost difference of other than standard fixtures and poles, provided the Cooperative agrees to install such equipment. However, at its option, the Cooperative may develop and offer a monthly rate for such non-standard pole and/or fixture, either in lieu of or in combination with any contribution.
3. Fixtures served by underground wiring will be available "FIXTURE" and "FACILITY" rates (excluding certain residential areas served by overhead distribution) in Sections (A) and (B) when the underground cable is buried in the same trench with the underground distribution system and the excess trench required does not exceed, on the average, 100 feet per fixture

A contribution-in-aid-of-construction will be charged amounting to \$1.50 per foot of the excess trenching over the base of 100 feet per fixture. Where underground wiring is desired, and paving or other obstructions exist, the customer will be required to perform all trenching, install duct furnished by the Cooperative, backfill, and complete the paving to the mutual satisfaction of all parties concerned. Roadway lighting requests received after the underground distribution facilities have been installed will require an aid-to-construction payment equivalent to the estimated excess cost above the normal same trench installation.

4. The consumer may be required to reimburse the Cooperative for any maintenance work which is required because of vandalism.
5. Where more than one luminaire is installed on a single pole, the rate for each luminaire will be the rate shown in Section (A).



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SECTION D- CONDITIONS OF SERVICE

1. The Cooperative will furnish, install, operate and maintain the lighting equipment, including lamp, luminaire, bracket attachment, control device, poles and necessary wiring, electrically connected so that the power for operation of the light does not pass through the meter for the consumer's other usage.
2. The Cooperative will maintain the lighting equipment, including lamp replacement, at no additional cost to the consumer. Lamp replacement and other service or maintenance activities shall be performed during regular business hours as soon as practical after notification of the Cooperative by the consumer that service has been interrupted.
3. The lighting equipment shall remain the property of the Cooperative, including poles installed, when the consumer makes a contribution-in-aid of construction. The consumer shall protect the lighting equipment from deliberate damage.
4. The poles for support of the luminaries are to be wood or other poles of the Cooperative's existing distribution system or extensions, thereof.
5. The Cooperative reserves the right to specify the number and location of service points.
6. Lighting service shall be provided only at locations which are accessible to the Cooperative's equipment for servicing purposes. The consumer shall allow authorized representatives of the Cooperative to trim trees and shrubs as necessary for maintenance of the lighting equipment and for removal of the lighting equipment upon termination of service under this schedule.

Part II. **CONSUMER OWNED SYSTEM**

A. Non-Metered Service

SECTION 1 - MONTHLY RATES

<u>Installed Wattage</u>	<u>Estimated Monthly kWh</u>	<u>Controlled Energy Only</u>	<u>Add for Continuous Burning</u>
0 – 250	100	\$ 6.00	\$ 7.15
251 – 500	220	10.80	13.50
501 – 1000	400	18.65	24.90
1001 – 1500	575	27.25	37.25
1501 – 2000	800	39.80	51.00
2001 – 2500	1000	49.00	63.00
2501 - 3000	1200	58.80	75.60
3001 – 3500	1420	69.55	89.46

For Installed wattage over 3500 watts: Use Estimated monthly kWh = .4 kWh per installed Watt and Controlled Energy Only rate = \$0.049 per kWh. Add For Continuous Burning = \$0.063 per kWh.



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SECTION 2 - GENERAL NOTES

- (1) The Cooperative may, at its option, verify kWh by installing a kWh meter or a device to limit connected load.
- (2) The number and location of service points shall be as specified by the Cooperative.
- (3) In no case shall the Cooperative expend more than five times the estimated annual revenue to be derived from the service.
- (4) The term “consumer-owned system” means complete ownership by the consumer of all facilities (including poles, fixtures, circuits, and disconnect devices) up to a point of connection to the Cooperative’s supply lines. The consumer shall provide (a) a suitable mounting and wiring for Cooperative’s photo-electric receptacle and (b) a weatherproof enclosure, if needed, for any Cooperative-supplied relay. The Cooperative will supply the necessary photo-electric control.
- (5) The Minimum Monthly Charge shall be \$6.00.

B. Metered Outdoor Lighting Service

Monthly Rate

Service Charge	@\$35.00 per month
First 3000 kWh	@\$.1100 per kWh
Over 3000kWh	@\$.0925 per kWh

Wholesale Power Cost Adjustment

The above rate shall be increased or decreased subject to the provisions of the Cooperatives effective Wholesale Power Cost Adjustment Schedule.

Conditions of Service

- (1) Services shall be limited to lighting equipment (including parking area lighting), and uses incidental thereto, including concession stands, restrooms, etc., provided that such incidental load shall not exceed 5kW measured maximum 15-minute demand.

(Where measured demand for incidental load exceeds 5 kW, service will be billed under the current General Service rate.)

- (2) The Cooperative reserves the right to measure kW demand to assure compliance with the above provisions. Demand shall not be the counted connected load but shall be as measured by suitable demand measurement instruments.

TERM OF CONTRACT:

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



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APPENDIX A

FACILITY FACTORS:

OVERHEAD INSTALLATIONS

.01075 X INSTALLATION COST

UNDERGROUND INSTALLATIONS

.0171 X INSTALLATION COST

STREET LIGHT ARMS AND OTHER ADDITIONAL FACILITIES

.0171 X INSTALLATION COST



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APPENDIX B

FIXTURE ONLY (METERED ENERGY)

	Fixture Rate*
OUTDOOR SECURITY LIGHTING	
100 Watt HPS (Open)	\$ 5.05
175 Watt MV (Open)-Existing	5.05
175 Watt MV (Open)-New	5.05
FLOOD LIGHTING	
150 Watt HPS	7.95
400 Watt HPS	9.05
1000 Watt HPS	26.40
STREET LIGHTING	
175 Watt MV – Alum. (Cobra)	6.45
1000 Watt MV - Alum. (Cobra)	7.35
400 Watt MV - Alum. (Cobra)	8.65
100 Watt HPS - Alum. (Cobra)	6.45
100 Watt HPS - Bronze (Cobra)	7.05
150 Watt HPS - Alum. (Cobra)	6.95
150 Watt HPS - Bronze (Cobra)	7.05
250 Watt HPS - Alum. (Cobra)	7.05
250 Watt HPS - Bronze (Cobra)	7.65
400 Watt HPS - Alum. (Cobra)	7.35
400 Watt HPS - Bronze	7.95
400 Watt HPS - Interstate	18.65
1000 Watt HPS - Interstate	25.05
1000 Watt HPS - Alum. (Cobra)	8.65
400 Watt HPS – Mongoose	8.55
DECORATE AND SPECIAL	
100 Watt MV Post Top	9.35
175 Watt MV Post Top	9.35
150 Watt HPS Post Top	9.35
250 Watt HPS Shoe Box	9.45
400 Watt HPS Shoe Box	- 10.35
150 Watt HPS – Acorn Post Top	9.35

*For use in determining facility rates for metered energy systems.