

RATE SL  
STREET LIGHTING SERVICE

AVAILABILITY

This rate is available for street lighting service furnished on a dusk-to-dawn basis. The Company will furnish, install and/or maintain street lights on the distribution system of the Company for purposes of providing street lighting service pursuant to this rate schedule and as is authorized in writing by a governmental entity (referred to as the “customer”).

TERM OF SERVICE

The term of service under this rate schedule shall be by service agreement for a period of fifteen (15) years and on a continuing basis thereafter. Requests for additions, changes or removals for street lighting service may require 90 days' advance written notice.

BASIC RATE PER MONTH

1. Full Service Lighting (Fixtures, Delivery Service and Maintenance)

Full Service Lighting is defined as service: 1) with aerial feed requiring not more than one section extension of wire and with Company-standard luminaries, lamps, and brackets not over 6 feet in length, on distribution system poles in use by the Company for other purposes, on other poles provided and owned by the Company at the request of the customer, or on poles acceptable to the Company and supplied by the customer; or 2) with customer-owned underground systems in accordance with Special Conditions, Item 6 of this rate schedule.

a. Standard Lighting

The following Standard Lighting fixtures are available as a Full Service Lighting option:

<u>Type Lamp</u>	<u>Type Luminaire</u>	<u>Rated Lamp Watts</u>	<u>Rated Input Watts</u>	<u>Rated Lumens</u>	<u>Monthly Rate Per Luminaire</u>	
					<u>Delivery Service</u>	<u>Lighting Service</u>
High Pressure Sodium	Cutoff	50	65	3600	2.60	9.67
	*Open	70	95	5670	3.84	8.21
	Cutoff	70	95	5670	3.84	9.04
	Post Top	100	130	8550	5.19	9.12
	Cutoff	100	130	8550	5.19	9.12
	Post Top	150	195	14400	7.79	10.75
	Cutoff	150	195	14400	7.79	10.11
	Flood	150	195	14400	7.79	13.85
	Cutoff	250	300	25600	12.08	12.98
	Flood	250	300	25600	12.08	12.07
	Decashield	250	300	25600	12.08	14.35
	Cutoff	400	465	45000	18.63	15.01
	Flood	400	465	45000	18.63	13.52
	Decashield	400	465	45000	18.63	20.21
	Flood	1000	1100	126000	44.15	36.70

\*The open bottom sodium fixture is not available for roadway lighting without the express consent of the Company.

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Peter Cohen

Docket No. 2022-00152, 2023-00038

Vice President– Regulatory

RATE SL  
STREET LIGHTING SERVICE

BASIC RATE PER MONTH (Continued)

1. Full Service Lighting (Continued)

b. Other Lighting Options

The following Other Lighting fixtures are available as a Full Service Lighting option:

<u>Type Lamp</u>	<u>Type Luminaire</u>	<u>Rated Lamp Watts</u>	<u>Rated Input Watts</u>	<u>Rated Lumens</u>	<u>Monthly Rate Per Luminaire</u>	
					<u>Delivery Service</u>	<u>Lighting Service</u>
Metal Halide	Post Top	175	210	10500	8.47	16.25
	Cutoff	175	210	10500	8.47	15.76
	Flood	175	210	10500	8.47	16.74
	Cutoff	250	300	17000	12.08	17.74
	Flood	250	300	17000	12.08	18.71
	Cutoff	400	460	28800	18.40	20.80
	Decashield	400	460	28800	18.40	23.23
	Flood	400	460	28800	18.40	21.77
	Flood	1000	1080	88000	43.24	37.34
Mongoose Flood	H. P. Sodium	400	465	45000	\$18.63	\$33.19
Mongoose Vector Series	H. P. Sodium	250	300	25600	12.08	23.58
	H. P. Sodium	400	465	45000	18.63	26.62
Mongoose Close In	H. P. Sodium	250	300	25600	12.08	23.58
	H. P. Sodium	400	465	45000	18.63	26.12
Granville Simple	H. P. Sodium	70	95	5670	3.84	18.60
	H. P. Sodium	100	130	8550	5.19	18.99
	H. P. Sodium	150	195	14400	7.79	20.53

\*\*Must also include charge for selected bracket

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Peter Cohen

Docket No. 2022-00152, 2023-00038

Vice President– Regulatory

RATE SL  
STREET LIGHTING SERVICE

BASIC RATE PER MONTH (Continued)

1. Full Service Lighting (Continued)

b. Other Lighting Options (Continued)

<u>Type Fixture</u>	<u>Type Luminaire</u>	<u>Rated Lamp Watts</u>	<u>Rated Input Watts</u>	<u>Rated Lumens</u>	<u>Monthly Rate Per Luminaire</u>	
					<u>Delivery Service</u>	<u>Lighting Service</u>
Granville Simple w/Finial	H. P. Sodium	150	195	14400	7.79	21.53
Esplanade**	H. P. Sodium	150	195	14400	7.79	29.04
	H. P. Sodium	250	300	25600	12.08	30.36
Hallbrook**	H. P. Sodium	70	95	5670	3.84	24.10
	H. P. Sodium	100	130	8550	5.19	25.00
Radial Wave**	H. P. Sodium	50	65	3600	2.60	14.49
	H. P. Sodium	70	95	5670	3.84	14.59
	H. P. Sodium	100	130	8550	5.19	15.48
	H. P. Sodium	150	195	14400	7.79	16.53
Mongoose Flood	Metal Halide	400	465	28800	\$18.63	\$31.13
Mongoose Vector Series	Metal Halide	250	300	17000	12.08	27.08
LED	Cutoff	19	19	2000	0.79	8.49
	Cutoff	26	26	3000	1.02	8.49
	Cutoff	44	44	4500	1.81	8.49
	Cutoff	66	66	6700	2.60	8.49
	Cutoff	85	85	10000	3.39	9.72
	Cutoff	166	166	15000	6.66	16.04

\*\*Must also include charge for selected bracket

Effective Date: January 1, 2025

Peter Cohen

RATE SL  
STREET LIGHTING SERVICE

BASIC RATE PER MONTH (Continued)

1. Full Service Lighting (Continued)

b. Other Lighting Options (Continued)

<u>Type Fixture</u>	<u>Type Luminaire</u>	<u>Rated Lamp Watts</u>	<u>Rated Input Watts</u>	<u>Rated Lumens</u>	<u>Monthly Rate Per Luminaire</u>	
					<u>Delivery Service</u>	<u>Lighting Service</u>
Mongoose Close-In	Metal Halide	250	300	17000	12.08	26.58
Granville Simple	Metal Halide	70	95	4000	3.84	19.45
	Metal Halide	100	130	5850	5.19	20.37
	Metal Halide	175	210	10500	8.47	20.24
Granville Simple w/Finial	Metal Halide	70	95	4000	3.84	20.45
	Metal Halide	100	130	5850	5.19	21.37
	Metal Halide	175	210	10500	8.47	21.24
Esplanade** Pedestrian	Metal Halide	70	95	4000	3.84	22.95
Esplanade** Standard	Metal Halide	175	210	10500	8.47	28.75
	Metal Halide	250	300	17000	12.08	30.86
Hallbrook**	Metal Halide	100	130	5850	5.19	25.88
	Metal Halide	175	210	10500	8.47	25.75
Acorn	LED	35-51	35-51	5863	1.69	11.86
Colonial	LED	35-51	35-51	4510	1.69	10.37
Esplanade	LED	45-59	45-59	6700	2.15	34.51
Flood	LED	64-85	64-85	10122	3.05	11.04
		96-128	96-128	16268	4.52	11.34
		207-261	207-261	32001	9.37	17.37
Hallbrook	LED	35-51	35-51	5000	1.69	31.09
Mongoose	LED	93-129	93-129	15763	4.52	19.97
Open	LED	15-25	15-25	2800	0.79	7.21
Radial Wave	LED	15-25	15-25	2800	0.79	22.47
Shoebox	LED	42-57	42-57	6982	2.03	10.31
		91-131	91-131	16832	4.52	11.33

Effective Date: January 1, 2025

Peter Cohen

RATE SL  
STREET LIGHTING SERVICE

BASIC RATE PER MONTH (Continued)

Cancellation

Cancellation of a lighting project after an agreement has been signed and prior to project completion must be made in writing. If a project is canceled after an agreement is signed, and prior to installation of fixtures, the customer will reimburse the Company for any costs incurred up to the date written notice is received by the Company.

\*\*Must also include charge for selected bracket

1. Full Service Lighting (Continued)

c. Discontinued Lighting

Service to the following Lighting fixtures is limited to existing installations. No new street lighting service will be available under this subsection and will be subject to the availability of replacement parts:

Type Fixture	Type Luminaire	Rated Lamp Watts	Rated Input Watts	Rated Lumens	Monthly Rate Per Luminaire	
					Delivery Service	Lighting Service
<u>Standard Lighting</u>						
Incandescent	Open	58	58	600	\$2.37	\$7.64
	Open	105	105	1000	4.18	8.31
	Open	205	205	2500	8.24	9.24
	Enclosed	448	448	6000	17.95	11.90
Mercury	Open	100	120	3400	4.85	8.40
	Enclosed	100	120	3400	4.85	8.74
	Open	175	205	7500	8.24	9.24
	Enclosed	175	205	7500	8.24	9.51
	Enclosed	250	290	10500	11.63	11.32
	Enclosed	400	455	19000	18.29	13.37
High Pressure Sodium	Flood	400	455	19000	18.29	13.90
	Enclosed	50	65	3600	2.60	8.04
	Enclosed	70	95	5760	3.84	8.32
	Enclosed	100	130	8550	5.19	8.74
	Enclosed	150	195	14400	7.79	9.14
	Enclosed	250	300	25600	12.08	11.64
Enclosed	Enclosed	400	465	45000	18.63	13.27
<u>Other Lighting</u>						
Edison Enclosed	H. P. Sodium	50	65	3600	2.60	18.01
Granville Leaf w/Finial	Metal Halide	70	95	4000	3.84	21.45
	Metal Halide	175	210	10500	8.47	22.24
LED	Cutoff	50	50	4190	2.03	19.52

Effective Date: January 1, 2025

Peter Cohen

RATE SL  
STREET LIGHTING SERVICE

BASIC RATE PER MONTH (Continued)

1. Full Service Lighting (Continued)

d. Maintenance

Maintenance for Full Service Lighting will be provided as follows:

Notice of Outages:

If any light fails to operate, the Company will repair or replace it, at its option, within a reasonable time after the customer gives the Company notice of the light failure.

Company-Owned Lamps and Fixtures:

The Company will repair or replace any part of a lamp or fixture that fails due to normal wear and tear during its life at no cost to the customer.

If lamp/fixture failure is due to reasons other than normal wear and tear, the Company will repair or replace any part of a lamp or fixture and may charge material, labor, and expense costs for repairs. The Company will install a vandalism-protection shield for any fixture at the customer's request and will charge the customer for all material, labor and expense costs associated therewith.

Other Lighting Options:

Repairs to Other Lighting options will be made as soon as possible, allowing for lead time required to order parts from the manufacturer, since the Company will not inventory replacement fixtures, poles, or any other parts for Metal Halide and Decorative Lighting.

2. Delivery-Only Service Lighting

Delivery-Only Service Lighting is defined as dusk-to-dawn service to a customer that has qualified maintenance forces and agrees, unless the Company agrees otherwise, to take its entire purchase of street lighting as Delivery-Only Service Lighting. Pricing for Delivery-Only Service Lighting is as follows:

\$0.112904 per kWh of usage based on rated input watts and an average of 355 hours usage per month. The Company will assess applicable per job charges as described in the Company's Term and Condition 53.7 for customer-owned luminaires. The customer will notify the Company in writing of any changes to fixtures as those changes occur.

The customer may contract with the Company to maintain customer-owned lamps and fixtures. This option is available only to Delivery-Only Service Lighting customers, and will require a special contract.

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Peter Cohen

Docket No. 2022-00152, 2023-00038

Vice President– Regulatory

RATE SL  
STREET LIGHTING SERVICE

BASIC RATE PER MONTH (Continued)

3. Holiday Lighting

Holiday Lighting is defined as service to unmetered, customer-owned, seasonal lighting, installed and removed by the customer. Pricing for Holiday Lighting will be as follows:

\$ 0.11 per kWh of delivery service and \$ 0.08 per kWh for lighting equipment service. The Company will use operating hours, wattage of lamps, and numbers of lamps, provided by the customer, to derive kWh usage per month.

The customer will notify the Company in writing of service start date and end date plus a total count of lamps and lamp sizes each year. The Company reserves the right to verify operating hours, wattage of lamps, and numbers of lamps by whatever means the Company deems appropriate.

4. Airport Beacon Lighting

Airport Beacon Lighting is defined as service to unmetered, customer-owned lighting for airports operated by governmental entities. Pricing for Airport Beacon Lighting will be as follows:

\$ 0.11 per kWh of delivery service and \$ 0.21 per kWh for lighting equipment service. The Company will use operating hours, wattage of lamps, and numbers of lamps, provided by the customer, to derive kWh usage per month.

The customer will notify the Company in writing of any changes to wattage and operating hours. The Company reserves the right to verify operating hours, wattage of lamps, and numbers of lamps by whatever means the Company deems appropriate.

5. Miscellaneous Unmetered Lighting

Miscellaneous Unmetered Lighting is defined as service to unmetered, customer-owned lighting that is not Full Service Lighting, Delivery-Only Service Lighting, Holiday Lighting, or Airport Beacon Lighting. Pricing for Miscellaneous Unmetered Lighting will be as follows:

\$ 0.11 per kWh of delivery service and \$ 0.08 per kWh for lighting equipment service. The Company will use operating hours, wattage of lamps, and numbers of lamps, provided by the customer, to derive kWh usage per month.

The customer will notify the Company in writing of any changes to wattage and operating hours. The Company reserves the right to verify operating hours, wattage of lamps, and numbers of lamps by whatever means the Company deems appropriate.

TRANSMISSION CHARGE

The transmission charges in accordance with Subsection 44.1 of the Terms & Conditions are included in the above rates.

Effective Date: January 1, 2025

Peter Cohen

RATE SL  
 STREET LIGHTING SERVICE

EFFICIENCY MAINE TRUST ASSESSMENT CHARGE

The Efficiency Maine Trust assessment charges in accordance with Subsection 49.1 of the Terms & Conditions are included in the above rates.

SPECIAL CONDITIONS

1. Service with Standard Facilities

For service to customers with special facilities that are Company-standard but that are in excess of, or exceed the cost of, those furnished by the Company for Full Service Lighting, there will be additional monthly charges billed under the provisions of Section 13 of the Terms & Conditions and priced as follows:

<u>Company-Standard Special Facilities</u>	<u>Monthly Charge</u>
a) Wood Pole <sup>1</sup>	
Standard 30 Foot or Less	\$10.47
Standard 35 Foot	12.99
Standard 40 Foot	14.99
Laminated 20 Foot	14.04
Laminated 36 Foot	68.00
b) Section of Secondary Wire <sup>2</sup>	5.12
c) Stub Pole & Aerial Guy (Complete)	25.49
d) Anchor Guy	7.59
Ledge Work (Per Hole)	7.11
f) Brackets - Standard	
6-8 Foot	-0-
10 Foot	2.38
12-15 Foot	3.02
20 Foot	6.07
g) Brackets - Other Lighting Options	
6 Foot	2.08
8 Foot	2.95
10 Foot	6.45

<sup>1/</sup> Normal setting, less guy and less ledge work.

<sup>2/</sup> Charge is applicable only to sections of secondary wire run to intermediate poles carrying no lights and furnished solely for providing service to street lights

Effective Date: July 1, 2016

Eric N. Stinneford



RATE SL  
STREET LIGHTING SERVICE

SPECIAL CONDITIONS (Continued)

2. Service with Other than Company-Standard Facilities

The customer must furnish and maintain at its sole cost and expense any facilities for street lighting not of a standard adopted by the Company. The monthly charge will be the same as the basic monthly rate for a lamp of equivalent rating. Customer-owned brackets and luminaires shall not be mounted on Company owned poles.

Service to the following non-standard items listed below, is limited to existing installations (i.e., no new street lighting service will be available under this section 2 of the rate schedule) and by the availability of replacement parts:

<u>Description</u>	<u>Monthly Charge</u>
a. Ornamental Poles	\$ .79
b. Steel pole w/bracket - 1959	5.15
c. Concrete pole (26 ft-installed prior to 1/1/75)	.85
d. Aluminum pole (14 ft-ornamental)	6.04
e. Special 6 foot bracket	.68

The company will provide non-standard items at cost plus the applicable overheads. There will be monthly charges for these items billed at the special facilities rate as calculated in provisions of Section 13 of the Terms & Conditions and priced as follows:

Effective Date: For service rendered on  
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Curtis I. Call

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Vice President

RATE SL  
STREET LIGHTING SERVICE

SPECIAL CONDITIONS (Continued)

2. Service with Other than Company-Standard Facilities (Continued)

<u>Special Facility</u>	<u>Monthly Charge</u>
Aluminum Pole - black	
10 foot	\$ 8.84
12 foot	9.23
18 foot	11.87
Salem Series - 4" diameter shaft - black or dark green - used with Granville	
8 foot	15.54
10 foot	16.15
12 foot	16.75
Hallbrook Poles - black or dark green - also used with Esplanade	
12 foot - single	25.00
15 foot - single	27.00
18 foot - single	28.95
12 foot - twin	28.43
15 foot - twin	30.40
18 foot - twin	32.37
Aluminum Poles - round, tapered. 4-bolt base - black or dark green – used with Granville	
8 foot	12.33
10 foot	13.11
12 foot	13.93
West Liberty slipfitter - black or dark green	2.88
Boston Harbour slipfitter - black or dark green	2.88
Contemporary slipfitter - black or dark green	2.88
West Liberty Upswept Arm	
4 foot	17.83
6 foot	18.74
8 foot	19.71
Cast Aluminum Deco Base Cover - black or dark green	18.87
Radial Wave Mounting Arm - black or hunter green	.82
Radial Wave Scroll Arm - black or hunter green	2.94
Radial Wave Side Arm	8.41
Hallbrook Arm	7.37
Esplanade Wood Pole Bracket - 66" – black or dark green	5.54

Effective Date: June 1, 2021

Eric N. Stinneford

RATE SL  
STREET LIGHTING SERVICE

SPECIAL CONDITIONS (Continued)

3. Other Special Facilities

The monthly charge for special facilities other than those listed in Special Conditions, above, will be based on the actual cost of the specific equipment installed plus applicable overheads and billed under the provisions of Section 13 of the Terms & Conditions. The installation of other than Company-standard special facilities is subject to prior approval by the Company.

4. Underground Street Lighting Service

The Company will provide underground street lighting service in qualified cases subject to:

- a) The customer providing, at its expense, all necessary excavating and backfilling, all necessary duct lines and conduit, and all necessary maintenance and repairs.
- b) Contribution by the customer of the initial cost of the length of underground feed in excess of 125 feet per light per circuit, measured from the base of the pole (excluding length of run up the pole and through the bracket). The Company will own the entire length of underground feed, including the excess over 125 feet.
- c) The Company will furnish, own and maintain standard distribution-type poles or other standard poles as designated by the Company for street lighting service with underground feed. Any such poles furnished by the Company strictly for street lighting service will be subject to special facilities charges. The customer must furnish, own and maintain any desired poles other than the standard types offered by the Company, subject to approval by the Company.

5. Relocation of Facilities

When a customer requests a relocation in existing street lighting equipment that has not reached the end of its normal useful life, the customer may be required to pay for any relocation costs of the equipment, including material, labor and expense costs.

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Effective Date: For service rendered on  
and after October 1, 2002

Curtis I. Call

Docket No.: 2002-513

Vice President

RATE SL  
STREET LIGHTING SERVICE

SPECIAL CONDITIONS (Continued)

6. Removal of Facilities

When a customer requests the discontinuation of the use of street lighting equipment, the customer will be required to pay for a portion of the net book value plus the removal and disposal costs of the equipment in accordance with the following terms:

- a. Purchasing electric energy for street lighting service from a supplier other than the Company or its affiliates, when a customer taking service under this rate schedule can choose electric energy suppliers, does not constitute a discontinuation of the use of street lighting equipment.
- b. All incandescent and mercury luminaires will be treated as fully depreciated and will be removed and disposed of without cost to the customer.
- c. Requests to remove High Pressure Sodium lamps and replace them with Metal Halide lamps will be considered to be removal of the High Pressure Sodium luminaires, and will be subject to removal costs and net unrecovered investment charges.
- d. The unrecovered investment in High Pressure Sodium and Metal Halide luminaires will be based upon the initial date of installation of the luminaire type at that location. Luminaire replacement due to maintenance will not be considered in determining the unrecovered investment.
- e. The removal and disposal costs will be payable at the time facilities are removed and will be the actual costs incurred by the Company.
- f. CMP will determine the average age of the street lights to be removed by calculating a weighted average age of the street lighting equipment, based on the age and level of the investment. For each street light to be removed, CMP will multiply the original cost of the street light by the number of years the street light has been in service. CMP then will sum (i) the aforementioned products and (ii) the original cost of all street lights to be removed and will divide (i) by (ii). If the outcome is fifteen or greater, CMP will not assess a charge to remove the street lights. If the outcome is less than fifteen, CMP will subtract the outcome from fifteen and divide the difference by fifteen. CMP then will apply this result to the remaining net book value of the street lights to be removed to determine the charge to remove the street lights. The net book value will be based on CMP's records.
- g. The charges calculated in part f. may be paid either in full at the time the facilities are removed or paid in equal monthly installments at the customer's option, subject to the following:
  - i. An annual interest rate equal to the latest allowed rate case cost of capital adjusted for income tax effects will be applied to the balance to determine the interest component.
  - ii. The balance and interest component will be billed and payable (amortized) monthly over a period not to exceed three (3) years.
  - iii. The total monthly payment including balance and interest will be calculated according to the actuarial method resulting in equal monthly payments.
  - iv. Interest shall cease to accrue on prepayment of balance in full.

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Eric N. Stinneford

RATE SL  
STREET LIGHTING SERVICE

SPECIAL CONDITIONS (Continued)

6. Removal of Facilities (Continued)

f. v. The table in subpart (vi), below, lists the factor to be multiplied times the net unrecovered investment to determine the amount of the equal monthly payments. The customer may select one of the options shown up to a maximum payoff period of 36 months.

vi. Table:

<u>Number of Months to Pay</u>	<u>Monthly Factor</u>
3	0.34152
6	0.17388
9	0.11802
12	0.09109
15	0.07338
18	0.06224
21	0.05429
24	0.04834
27	0.04372
30	0.04003
33	0.03701
36	0.03451

7. Attachments to Poles in Use for Street Lighting Service Only

a) Telephone and/or CATV Attachments

When a telephone or CATV company makes an attachment to poles in use for street lighting service purposes only, for which special facilities charges are being made, the Company will give the customer a credit for the equivalent monthly rental paid by the telephone and/or CATV company. This credit shall not exceed the special facilities charges for the poles (and associated guys) involved.

b) Attachments by the Company

When the Company makes an attachment (primary or secondary line, transformer, service drop, etc.) to poles in use for street lighting service purposes only, for which special facilities charges are being made, the customer will no longer be required to pay special facilities charges on those distribution system poles (and associated guys) to which attachments were made. This policy will have no effect on special facilities charges being made for street lighting equipment other than poles (and associated guys).

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Effective Date: For service rendered on  
and after October 1, 2002

Curtis I. Call

Docket No.: 2002-513

Vice President