

GREEN MOUNTAIN POWER CORPORATION  
OUTDOOR LIGHTING RATE SCHEDULE

COMPANY DESIGNATION: 19

SECTION 1

AVAILABLE:

Throughout the Company's service territory on and after April 1 2018.

APPLICABLE:

Street, area and flood lighting, traffic signal and specialty lighting equipment, energy and maintenance service is available within Green Mountain Power Corporation's ("GMP") service territory under this rate schedule for GMP-owned or Customer-owned equipment to any city, village, town, fire district, political subdivision, Customer association or individual Customer in accordance with the specifications hereinafter set forth.

SECTION 2

DURATION:

For traffic signal, street lighting and flood lighting, the term of service is one year from the date of installation and thereafter until cancelled by the Customer. GMP may allow earlier termination at its sole discretion upon a showing of extraordinary circumstances. For temporary, decorative holiday lighting, the term of service is the duration of the holiday season.

STREETLIGHT INSTALLATION:

GMP will furnish to the Customer, installation standards upon request for the type of lighting system proposed.

INCOME TAX SURCHARGE:

All charges billed to the Customer for installation costs under this tariff will be increased by the current tax liability referenced in the line extension section of the tariff to cover the cost to GMP of federal and state income taxes payable on contributions-in-aid-of-construction. Customers who build their own lighting systems and then transfer ownership to GMP will be charged the income tax surcharge based upon the Customer's actual costs of building the system. The Customer will be responsible for providing GMP with documentation of their actual costs. If the Customer fails to provide actual cost data, GMP will assess the surcharge based upon GMP's estimated value of the lighting system.

EFFECTIVE: On Bills Rendered on or after April 1, 2016  
GREEN MOUNTAIN POWER CORPORATION

By:

  
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## ALTERNATIVE REGULATION PLAN:

This tariff is subject to the GMP's Alternative Regulation Plan Rider ("ARP Rider"), which includes an annual Power Adjustor, an annual Exogenous Change Adjustment and an annual Earnings Sharing Adjustor; except that the Power Adjustor does not apply to service under this rate schedule.

SECTION 3

## A) GMP-OWNED EQUIPMENT ON GMP POLES:

In the case of lights owned by GMP and installed on GMP owned poles, GMP shall furnish, and maintain all poles, wires, lamps and other associated equipment and furnish energy at the rates set forth below. Reference to GMP-owned poles in this Rate 19 shall include poles solely and jointly owned.

## STREET AND AREA LIGHTS

Watts	<u>Mercury Vapor*</u>		<u>Sodium Vapor</u>		<u>Price/Day</u>
	<u>Lumens</u>	<u>Price/Day</u>	<u>Watts</u>	<u>Lumens</u>	
100	3,200	\$0.439	70	5,200	\$0.600
175	7,200	\$0.710	100	8,500	\$0.552
250	9,800	\$1.018	150	14,400	\$0.823
400	17,500	\$1.365	200	19,800	\$0.805
			250	24,700	\$1.200
			400	63,000	\$1.679

Watts	<u>Metal Halide*</u>	
	<u>Lumens</u>	<u>Price/day</u>
50	3,750	\$0.596
70	6,000	\$0.774
150	13,500	\$1.059
250	22,500	\$1.398
400	40,000	\$1.816

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LED

20 LED	2530 Lumens	37 System Watts	\$0.365
30 LED	3162 Lumens	50 System Watts	\$0.374
40 LED	5050 Lumens	67 System Watts	\$0.455
50 LED	6312 Lumens	92 System Watts	\$0.475
60 LED	7000 Lumens	113 System Watts	\$0.682
80 LED	8100 Lumens	140 System Watts	\$0.824

FLOODLIGHTS

<u>Sodium Vapor</u>			<u>Mercury Vapor*</u>		
<u>Watts</u>	<u>Lumens</u>	<u>Price/day</u>	<u>Watts</u>	<u>Lumens</u>	<u>Price/day</u>
250	24,700	\$0.904	400	17,500	\$1.561
400	45,000	\$1.568	1000	40,000	\$2.531

<u>Metal Halide</u>		
<u>Watts</u>	<u>Lumens</u>	<u>Price/day</u>
250	22,500	\$1.983
400	40,000	\$2.236

\*Not available for new installation. Failed/inoperative mercury vapor and metal halide street and area lights will be replaced by GMP with light emitting diode ("LED") lights and billed to the Customer at the charges for LED lights.

- B) **ORNAMENTAL LIGHTING AND POLES:**  
 GMP shall own, supply and maintain all ornamental lighting and poles, with energy supplied by underground facilities at the rates set forth below. Installation of ornamental poles, luminaries and wires will be paid for by the Customer as a line extension under GMP's line extension tariff and Public Service Board ("PSB") Rule 5.600. The Customer will be required to purchase and install 2" Sch. 40 electrical grade EPVC conduit and install pre-cast concrete bases for mounting the light poles. Customers should contact GMP's engineering department for details and assistance.

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<u>Watts</u>	<u>Lumens</u>	<u>Price/day</u>
100	3,200	\$0.468

Sodium Vapor – Contemporary

<u>Watts</u>	<u>Lumens</u>	<u>Price/day</u>
70	5,200	\$2.022
150	14,400	\$2.162

Sodium Vapor

	<u>Watts</u>	<u>Lumens</u>	<u>Price/Day</u>
Road Cut-Off	70	5,200	\$0.600
Road Cut-Off	150	14,400	\$0.823

Metal Halide

<u>Watts</u>	<u>Lumens</u>	<u>Price/day</u>
50	2,200	\$0.724
70	4,365	\$0.733
150	11,000	\$0.956


LED

	<u>Lumens</u>	<u>Watts</u>	<u>Price/day</u>
20 LED	2530 Lumens	37 System Watts	\$0.398
20 LED	3162 Lumens	50 System Watts	\$0.419
40 LED	5050 Lumens	67 System Watts	\$0.511
40 LED	6312 Lumens	92 System Watts	\$0.561
60 LED	7,000 Lumens	113 System Watts	\$0.682
80 LED	8,100 Lumens	140 System Watts	\$0.824

\*Not available for new installation. Failed Mercury Vapor Town and Country lights will be replaced with Metal Halide lights at the rates set forth above.

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C) CUSTOMER-OWNED LIGHTS ON GMP-OWNED POLES:

Customers may purchase from outside vendors and own all lighting equipment necessary for a lighting system, including luminaries, arms, brackets, photo cells, bulbs and other associated equipment necessary to provide street and area lighting in compliance with GMP's standards with specifications subject to GMP's prior approval. GMP or GMP designated contractors shall install Customer owned lighting systems on GMP owned poles at the Customer's expense.

GMP shall maintain all streetlight systems on all GMP owned poles as set forth in Section 4 below. The charge for the rental of poles for Customer owned lights on GMP's poles is \$4.00 per quarter per pole or such other rate from time to time in effect for Other Attachees under GMP's tariff, Rules and Regulations for Pole Attachment Service and PSB Rule 3.700. GMP shall own and maintain all poles, wires and other equipment and apparatus necessary for supplying secondary voltage to Customer owned lighting systems on GMP owned poles.

D) CUSTOMER OWNED LIGHTS ON CUSTOMER OWNED POLES:

On Customer owned poles, 1) the Customer may furnish and install all poles and associated equipment either overhead or underground, if in compliance with GMP standards with specifications subject to GMP's prior approval or 2) at the Customer's request, GMP will install, in compliance with GMP standards, all poles and associated equipment based on a time and material bid price. The Customer shall have the choice of maintaining the streetlight system or having GMP provide maintenance as set forth in Section 4 of this tariff. The Customer will be required to own and maintain all equipment on the Customer's side of the meter.

E) SYSTEM CONVERSIONS FROM AN EXISTING LIGHTING SYSTEM TO AN ALTERNATIVE LIGHTING SYSTEM:

GMP will have the right to require those Customers wishing to modify an existing lighting system to reimburse GMP for the undepreciated cost of the existing lights plus all costs, including make-ready costs, of making the conversion not recovered in the monthly charge for alternative lights.

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SECTION 4

**MAINTENANCE SERVICE TO CUSTOMER-OWNED LIGHTING SYSTEMS:**

GMP will provide maintenance service described below for Customer-owned lighting systems on GMP poles and for Customer owned lighting systems on Customer owned poles where so chosen by the Customer as provided in paragraph D above 1) for a fixed monthly fee of \$3.68 per month per lamp, regardless of size or 2) on an actual time and materials basis, at the Customer's option. Maintenance service for limited access highway lighting and the associated access and exit ramps is subject to the regular monthly maintenance charge of \$3.68 plus a monthly maintenance surcharge of \$3.01 per light per month to cover GMP's additional costs of performing routine maintenance on limited access highways.

Maintenance of the luminaire shall include replacement, as necessary, of the lamp, and photoelectric control. GMP will supply the materials as part of the monthly maintenance fee as long as they are GMP stock items. For non-standard GMP fixtures, the Customer must provide and maintain a spare parts inventory. Maintenance services will not include painting or other maintenance services for Customer-owned ornamental poles.

If the luminaire, poles or other equipment must be replaced as a result of vandalism, accident or any other cause, the Customer shall pay to GMP the cost of removal of the existing equipment and the cost of the new equipment including installation costs. The Customer shall also pay for actual costs of any materials and labor necessary for maintenance and repairs above and beyond lamp and photo cell maintenance described in the preceding paragraphs including repairs and/or for the replacement of any physically damaged lighting equipment, regardless of the cause, nature or extent of physical damage.

GMP will perform maintenance and lamp replacement during normal working hours.

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SECTION 5

HOURS OF OPERATION:

Street, area and floodlights, which are photo-cell controlled, shall be operated each and every night from one-half hour after sunset until one-half hour before sunrise, a total of approximately 4,380 hours each year.

ENERGY SERVICE TO CUSTOMER-OWNED LIGHTING SYSTEMS:

GMP will supply unmetered electric energy for Customer-owned outdoor photovoltaic cell controlled lighting equipment totaling approximately 4380 hours of operation per year for Customer-owned lighting at the rates set forth below. The annual kWh consumption shall be determined by GMP based upon the total nominal wattage of the equipment, multiplied by the average number of hours of operation each month. The rates specified below for photo-cell controlled lighting equipment are based on average daily operation of approximately 12 hours. Each daily rate shall be calculated to include \$0.099/day plus the average kWh use per day multiplied by \$0.06808/kWh

No billing adjustments will be made for individual service outages. For lighting systems maintained by the Customer it is the Customer's responsibility to provide proper and timely maintenance to equipment to minimize outage time. If GMP is providing maintenance, it is the Customer's responsibility to notify GMP immediately of any failure of lights to operate.

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PRICE PER LAMP OR HOLIDAY INSTALLATION**

Lamp or Holiday Installation Nominal Power Rating (Watts)	Daily Rate
60	\$0.172
70	\$0.180
100	\$0.204
150	\$0.247
175	\$0.267
200	\$0.287
250	\$0.328
400	\$0.450
1000	\$0.941

The above rates include ballast wattage of 30 watts in addition to the bulb wattage.

Daily LED Energy Only Rates to Customer Owned Lighting Systems:

20 LEDs	37 System Watts	\$0.129
30 LEDs	52 System Watts	\$0.141
40 LEDs	67 System Watts	\$0.154
50 LEDs	89 System Watts	\$0.172
60 LEDs	104 System Watts	\$0.183

Pole Rental fee for Customer Owned Lights on GMP poles:

\$4 per quarter per light; Billed quarterly based on GMP's \$16 annual rate under its Tariff, Rules and Regulations for Pole Attachment Service and PSB Rule 3.700 to reflect each light in service at the end of the quarter. The charge will be adjusted as required to reflect the rate from time to time in effect for Other Attachees under said Tariff

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