The United Illuminating Company

Sodium Vapor Street Lighting Conversion Rate MC

Applies throughout the Company's Service Area.

Availability:

Street lighting service under this rate is available for any town, city or municipal subdivision, for sodium vapor lights converted from existing mercury vapor lights on ornamental poles only installed before August 29, 1983.

Conversion:

Conversion of existing mercury lights on ornamental poles will be limited to the following sizes of sodium vapor lights:

Mercury Lumen Rating	To	Sodium Lumen Rating
8,150		9,500
11,500		9,500
21,500		16,000
21,500		27,500
60,000		50,000

The following components are to be added to the proposed standard offer rate for Sodium Vapor Street Lighting Conversion Rate MC:

Rate Per Month

Supply

July – December

Standard Service Generation	11.9452¢/kWh
Bypassable FMCC	(0.0392)¢/kWh

Public Benefits

Energy Assistance Costs	0.8282¢/kWh
Energy Efficiency Programs	0.6000¢/kWh
Renewable Energy Investment	0.1000¢/kWh

Unbundled Non-Bypassable FMCC*

New England Grid Operator Cost

Winter:	Oct. – May	0.0000¢/kWh
Summer:	June – Sept.	0.0000¢/kWh

State Mandated Energy Purchases		
Winter:	Oct. – May	0.0000¢/kWh
Summer:	June – Sept.	0.0000¢/kWh
Customer Produced Energy		
Winter:	Oct. – May	0.0000¢/kWh
Summer:	June – Sept.	0.0000¢/kWh
Misc. & Other Mandates		
Winter:	Oct. – May	0.0000¢/kWh
Summer:	June – Sept.	0.0000¢/kWh

* Federally Mandated Congestion Costs

Transmission

Winter:	Oct. – May	3.4459¢/kWh
Summer:	June – Sept.	3.4459¢/kWh

Payment:

These unbundled components as well as any adjustments or charges based on kWh will be based on monthly burn hours.

Annual Rates per Light:

Service to Lights on Ornamental Poles

Lumen Rating	Overhead Service
9,500	$ 264.36
16,000	339.25
27,500	439.24
50,000	768.37

Underground Service from Underground Circuits to Standard Lights on Standard Wooden Poles will be charged an additional $88.59 per year for facilities installed prior to August 29, 1983.
Standard Ornamental Poles will be charged an additional $68.49 per year for facilities installed prior to August 29, 1983.

Hours of Operation:

Lights supplied under this rate will be operated each night approximately from one-half hour after sunset until one-half hour before sunrise, approximately 4,150 hours each year. The Customer shall be responsible for notifying the Company of any outage, and lamp replacements will normally be made on the first working day after notification.

If a timing device is placed into operation to effectively reduce the annual burn-hours of a fixture or fixtures, the Customer's monthly billing will be reduced accordingly to reflect the reduced kilowatt-hours of consumption.

Purchased Power Adjustment Clause:

The above ***Annual Rates per Light*** will be increased or decreased, as appropriate, by an amount determined in accordance with the Company's Purchased Power Adjustment Clause.

Transmission Adjustment Clause:

The above transmission charge will be increased or decreased every six months by an amount determined by state and federal regulations.

Decoupling Rider:

This rate is subject to a decoupling adjustment which will be assessed in accordance with the Company's DR Rider C.P.U.C.A. No. 2524.

Estimated Kilowatt-hours:

The amount of the Purchased Power Adjustment for each Light will be determined each month by multiplying the Company's Purchased Power Adjustment by the Estimated Kilowatt-hours (wattage divided by 1,000 times monthly burn hours.)

Lumen Rating	Fixture Wattage
9,500	116
16,000	173
27,500	307
50,000	471

The following are the burn hours of each month:

January	433
February*	365
March	364
April	310
May	280
June	251
July	269
August	301
September	334
October	388
November	413
December	442
Total	4150
*Leap Year	377

Payment:

One twelfth of the above annual rates will be billed monthly.

Minimum Term of Service:

If Company owned street lighting facilities are converted to sodium and subsequently removed at the request of the Customer, the Customer shall reimburse the Company for the original cost, less accumulated provisions for depreciation and net salvage, of the facilities removed.

There is no minimum term of service for generation service.

Terms and Conditions:

The Company's Terms and Conditions in effect from time to time where not inconsistent with any specific provisions hereof are a part of this rate.

Effective: September 1, 2026