

Proposal Concerning Modifications to LIPA's Tariff for Electric Service

Requested Action:

The Long Island Power Authority ("LIPA") staff ("Staff") proposes to modify LIPA's Tariff for Electric Service (the "Tariff"), effective June 1, 2024, to incorporate two new and more efficient Light-Emitting Diode ("LED") lighting fixtures under Service Classification ("SC") No. 7A, Outdoor Area Lighting, also known as the Dusk-to-Dawn Program.

Background:

SC No. 7A offers eligible customers outdoor area dusk-to-dawn lighting service with equipment owned, operated, and maintained by LIPA. Under SC No. 7A, there are three lighting technologies: high-pressure sodium, metal halide and LED lighting. The LED lighting technology is the offering for any new installation.

PSEG Long Island recently conducted a review of the Dusk-to-Dawn Program and identified an opportunity to offer new, more efficient, lower wattage LED fixtures to participating customers. The proposed addition of these new and more efficient fixtures to the Dusk-to-Dawn Program will benefit both customers and the environment by reducing energy usage.

Proposal:

Effective June 1, 2024, Staff proposes to add two LED lighting fixture options in its Tariff under Service Classification SC No. 7A that will be used for new installations and replacing fixtures currently in use as they go out. By offering this additional LED lighting type, the Authority will provide energy savings to customers and reduce greenhouse gas emissions. PSEG LI anticipates that the new installations will increase customer satisfaction and retention in this service classification due to the resulting energy savings and cost reductions.

Financial Impacts:

There is no financial impact to LIPA. LIPA will produce about 15% less energy to serve these fixtures and the Customers will benefit from a corresponding reduction in power supply and distributed energy resource (DER) charges from the new lighting technology, given the lower wattages used by the new fixtures. Additionally, the customer will experience no change in the customer's existing monthly base charges for LED fixtures.

Affected Tariff Leaves: 244, 245

Summary of Proposed Changes:

LIPA Staff proposes to modify the Tariff to offer two updated LED products to SC No. 7A customers that will result in more efficient lighting fixtures, offering measureable customer savings and environmental benefits.

VIII. SERVICE CLASSIFICATIONS (continued):**M. SERVICE CLASSIFICATION NO. 7A****Outdoor Area Lighting - HPS (High Pressure Sodium), MH (Metal Halide), and LED (Light Emitting Diode):****(Rate Codes: 781, 782)****1. Who Is Eligible**

Customers who will use this service for outdoor lighting, provided:

- a) Suitable overhead distribution facilities exist, except
- b) When only one (1) span of overhead secondary cable per lighting fixture is needed. In such cases, the Authority will provide the cable on existing poles. Charges for additional cable and poles are given below.

2. Character of Service

- a) Unmetered, single-phase, 60 hertz, alternating current supplied to Authority-owned, operated, and maintained lighting facilities, and
- b) Provided for approximately 4,090 hours per year (4,102 for a leap year), at suitable voltages chosen by the Authority, and
- c) Provided to high pressure sodium (HPS), metal halide (MH) and light emitting diode (LED) facilities.

3. Rates and Charges**a) Rates per Lighting Facility per Month**

<u>Lamp Type</u>	<u>Type Luminaire</u>	<u>Approximate Lumens</u>	<u>Total Watts</u>	<u>Monthly Rates</u>
HPS*	Area Light	00 6,400	108	\$ 26.12
HPS*	Flood Light	02 7,500	309	\$ 32.02
HPS*	Flood Light	05 0,000	476	\$ 42.56
MH*	Flood Light	03 6,000	453	\$ 43.29
MH*	Flood Light	110,000	1,093	\$ 47.16
HPS**	Full Cut-off	00 4,000	63	\$ 35.47
HPS**	Full Cut-off	00 6,300	91	\$ 35.59
HPS	Full Cut-off	00 9,500	128	\$ 36.08

VIII. SERVICE CLASSIFICATIONS (continued):**M. SERVICE CLASSIFICATION NO. 7A****Outdoor Area Lighting - HPS (High Pressure Sodium), MH (Metal Halide), and LED (Lighting Emitting Diode) (continued):****(Rate Codes: 781, 782)****Rates and Charges (continued):**

<u>Lamp Type</u>	<u>Type Luminaire</u>	<u>Approximate Lumens</u>	<u>Total Watts</u>	<u>Monthly Rates</u>
HPS**	Full Cut-off	0 28,500	305	\$ 40.44
HPS**	Full Cut-off	0 50,000	455	\$ 52.11
MH**	Full Cut-off	0 20,500	288	\$ 40.65
MH**	Full Cut-off	0 36,000	455	\$ 52.11
LED***	Full Cut-off	0 19,270	150	\$ 40.44
LED***	Full Cut-off	0 29,100	250	\$ 52.11
<u>LED</u>	<u>Full Cut-off</u>	<u>19,850</u>	<u>130</u>	<u>\$ 40.44</u>
<u>LED</u>	<u>Full Cut-off</u>	<u>30,300</u>	<u>210</u>	<u>\$ 52.11</u>

*Commencing October 1, 2003, not available for new installations or replacements.

** Effective January 1, 2019 these luminaires are no longer available for new installations or unit replacements. Effective January 1, 2022, bulbs and photocells replacements for these luminaires will also no longer be available.

*** Effective June 1, 2024, these luminaires are no longer available for new installations or unit replacements.

b) The charge for Additional Overhead Secondary Cable and Poles dedicated to the Customer is \$20.35 per span per month.

c) Adjustments to Rates and Charges

Each Customer's bill will be adjusted for the Power Supply Charge, Increases in Rates and Charges to Recover PILOT Payments, the Shoreham Property Tax Settlement Rider, the Distributed Energy Resources Cost Recovery Rate, the Merchant Function Charge, the New York State Assessment Factor, the Securitization Offset Charge, and the Delivery Service Adjustment.

4. Minimum Charge

The monthly Minimum Charge is the facilities charge computed under the rates in 3 a), b) and c) above for the number of lighting facilities in place on the billing date.

5. Terms of Payment

The Customer shall pay the balance due in cash, including checks and money orders, on receiving the bill. Late payments shall be subject to Late Payment Charges.