

PSC NO: 214 ELECTRICITY

LEAF: 31

NIAGARA MOHAWK POWER CORPORATION

REVISION: 17

INITIAL EFFECTIVE DATE: APRIL 1, 2018

SUPERSEDING REVISION: 15

STAMPS: Issued in Compliance with Order in Case 17-E-0238, dated March 15, 2018.

## SERVICE CLASSIFICATION NO. 2 (Continued)

2. Luminaire Charge

The annual HID luminaire charges, per unit, are presented below in Table 4. Luminaire charges are determined by luminaire type and HID lamp size (W). The LED annual luminaire charges, per unit, are presented below in Table 4.1 by luminaire type and LED light source size as referenced by illumination output in Table 1 (Leaf 14 and 14.1).

Table 4 - Luminaire Charge (Standard)

Luminaire Type	<u>Annual Luminaire Charge, per unit (\$)</u>					
	<u>HID Lamp Size (W)</u>					
	<u>70</u>	<u>100</u>	<u>150</u>	<u>175</u>	<u>250</u>	<u>400</u>
Aspen Grove	100.80	100.80	100.80	100.80	----	----
Central Park	----	123.12	----	123.12	----	----
Coach	73.44	73.44	73.44	73.44	----	----
Delaware Park	----	----	199.68	199.68	246.60	246.60
Delaware Park Pedestrian	168.96	168.96	----	168.96	----	----
Edgewater	----	134.64	134.64	134.64	----	----
Edison	78.96	78.96	78.96	----	----	----
Floodlight	----	----	----	----	60.48	60.48
Setback	----	----	----	----	110.76	110.76
Shoebox	66.60	66.60	66.60	----	66.60	66.60
Traditional	49.32	49.32	49.32	49.32	----	----
Underpass	85.08	85.08	85.08	85.08	----	----
Williamsville	115.68	115.68	115.68	115.68	----	----

Table 4.1 – Light Source/Luminaire Charge (Standard)

Luminaire Type/Light Source	<u>Annual Light Source/Luminaire Charge, per unit (\$)</u>					
	<u>LED Luminaire Reference</u>					
	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
Roadway-LED	----	83.88	88.68	110.28	----	119.28
Roadway-LED (24HR)	----	176.21	186.29	231.67	----	250.57

NOTE: LED Luminaire Reference designations A and E are reserved for future use.

New street light installations will be LED-only. Replacements of failed existing Company-owned luminaires will be LED-only on a customer “opt-in” basis. Customers who opt-into the LED-only replacement program must notify the Company in writing of their intent to participate. Upon receipt of a customer’s written notification of intent, the Company will coordinate with the customer to identify the available LED luminaires that will be used to replace failed roadway HID luminaires. The HID-LED Conversion Matrix provided in Table 4.2 provides a guide for municipalities seeking to understand the corresponding illumination output of available LEDs.

Table 4.2 – Light Source/Luminaire LED Conversions

Luminaire/Light Source Type		<u>HID-LED Conversion Matrix</u>						
		<u>HID (W) - LED Conversion</u>						
		(Based on Table 1 Reference Designations)						
<u>HID</u>	<u>LED</u>	<u>70</u>	<u>100</u>	<u>150</u>	<u>175</u>	<u>250</u>	<u>400</u>	<u>1000</u>
Roadway	Roadway-LED	B	B	C	B	D	F	F(x2)

Issued by Kenneth D. Daly, President, Syracuse, NY