

PSC NO: 121 ELECTRICITY  
NEW YORK STATE ELECTRIC & GAS CORPORATION  
Initial Effective Date: 04/23/18

Leaf: 4  
Revision: 6  
Superseding Revision: 5

## GENERAL INFORMATION

### 1. Territory to Which Schedule Applies:

Entire territory served with electricity as more fully described in Schedule P.S.C. No. 120 - Electricity, or superseding issues thereof.

### 2. Determination of Demand and Energy Use:

The kW for billing purposes ("Billing kW") is determined by dividing the total wattage for each luminaire in service by 1,000, as set forth in the tables below.

The energy use in kilowatt-hours shall be determined by multiplying the Billing kW by the number of burning hours for the billing period.

#### Nominal Lamp and Luminaire Wattage and Lumen\* Ratings and Average Monthly Burning Hours

High Pressure Sodium			
Size	Wattage		
	Lamp	Total **	Billing kW
3,300 Lumen	50	58	0.058
5,200 Lumen	70	83	0.083
8,500 Lumen	100	117	0.117
14,400 Lumen	150	171	0.171
19,800 Lumen	200	246	0.246
24,700 Lumen	250	313	0.313
45,000 Lumen	400	486	0.486
126,000 Lumen	1000	1106	1.106

Metal Halide			
Size	Lamp	Total Wattage**	Billing kW
4,000 Lumen	70	95	0.095
5,800 Lumen	100	120	0.120
12,000 Lumen	175	210	0.210
16,000 Lumen	250	313	0.313
28,000 Lumen	400	486	0.486
90,000 Lumen	1000	1090	1.090

Mercury Vapor			
Size	Wattage		
	Lamp	Total**	Billing kW
3,200 Lumen	100	127	0.127
7,000 Lumen	175	210	0.210
9,400 Lumen	250	292	0.292
17,200 Lumen	400	460	0.460
48,000 Lumen	1000	1102	1.102

Fluorescent		
Size	Total Wattage**	Billing kW
5,000 Lumen (1 Lamp)	95	0.095
10,000 Lumen (2 Lamp)	235	0.235
20,000 Lumen (2 Lamp)	380	0.380

Incandescent		
Size	Total Wattage	Billing kW
1,000 Lumen	130	0.130
4,000 Lumen	327	0.327

Light Emitting Diode (LED)		
Size	Total Wattage	Billing kW
2,000 Lumen	12 – 19	0.016
3,000 Lumen	20 – 29	0.025
4,500 Lumen	30 – 49	0.040
6,700 Lumen	50 – 69	0.060
10,000 Lumen	70 – 90	0.080
15,000 Lumen	111 – 133	0.122

\*(The Lumen values stated are nominal in that they vary over the life of the lamp.)

\*\* (Total includes ballast.)

ISSUED BY: Joseph J. Syta, Vice President, Controller and Treasurer, Binghamton, New York