



## Municipal Service - Street Lighting - Rate 350

(Effective January 1, 2012)

Municipal Service Street Lighting				Estimated Daily kWh Usage											
Method	Light Source	Lamp Size (Watts)	Number of Lamps	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
10	H.P. Sodium	70		1.258	1.103	1.032	0.933	0.806	0.767	0.742	0.871	1.000	1.129	1.233	1.290
11	H.P. Sodium	70		1.258	1.103	1.032	0.933	0.806	0.767	0.742	0.871	1.000	1.129	1.233	1.290
12	H.P. Sodium	70		1.258	1.103	1.032	0.933	0.806	0.767	0.742	0.871	1.000	1.129	1.233	1.290
13	H.P. Sodium	70		1.258	1.103	1.032	0.933	0.806	0.767	0.742	0.871	1.000	1.129	1.233	1.290
14	Mercury Vapor	400	Single	6.806	6.103	5.710	5.033	4.484	4.200	4.355	4.806	5.433	6.097	6.667	6.968
			Twin	13.645	12.207	11.419	10.100	8.968	8.433	8.710	9.645	10.900	12.226	13.333	13.968
15	Mercury Vapor	175	Single	3.097	2.759	2.581	2.300	2.032	1.900	1.968	2.194	2.467	2.774	3.033	3.161
			Twin	6.226	5.552	5.194	4.600	4.097	3.833	3.968	4.387	4.967	5.581	6.067	6.355
16	Mercury Vapor	100	Single	1.871	1.655	1.548	1.367	1.226	1.133	1.194	1.323	1.500	1.677	1.833	1.903
17	Mercury Vapor	250	Single	4.290	3.828	3.581	3.167	2.806	2.633	2.742	3.032	3.433	3.839	4.200	4.387
			Twin	8.613	7.690	7.194	6.367	5.645	5.300	5.484	6.065	6.867	7.677	8.400	8.806
20	Mercury Vapor	100		1.871	1.655	1.548	1.367	1.226	1.133	1.194	1.323	1.500	1.677	1.833	1.903
22	Mercury Vapor	250		4.290	3.828	3.581	3.167	2.806	2.633	2.742	3.032	3.433	3.839	4.200	4.387
23	Mercury Vapor	400		6.806	6.103	5.710	5.033	4.484	4.200	4.355	4.806	5.433	6.097	6.667	6.968
24	Mercury Vapor	700		11.581	11.000	9.710	8.567	7.613	7.133	7.387	8.194	9.267	10.387	11.333	11.871
25	Mercury Vapor	1000		16.355	14.621	13.677	12.100	10.742	10.100	10.419	11.548	13.067	14.645	16.000	16.710
27	Incandescent	150		2.161	1.931	1.806	1.600	1.419	1.333	1.355	1.516	1.700	1.935	2.100	2.194
28	L.E.D.	100		0.774	0.690	0.645	0.600	0.516	0.500	0.516	0.548	0.633	0.677	0.733	0.774
29	L.E.D.	100		0.774	0.690	0.645	0.600	0.516	0.500	0.516	0.548	0.633	0.677	0.733	0.774
30	L.E.D.	200		1.290	1.345	1.258	1.200	1.129	1.100	1.129	1.161	1.233	1.226	1.300	1.323
31	L.E.D.	200		1.290	1.345	1.258	1.200	1.129	1.100	1.129	1.161	1.233	1.226	1.300	1.323
37	Incandescent	60		1.419	1.379	1.419	1.433	1.419	1.433	1.419	1.419	1.433	1.419	1.433	1.419
44	Mercury Vapor	400	Single	6.806	6.103	5.710	5.033	4.484	4.200	4.355	4.806	5.433	6.097	6.667	6.968
			Twin	13.645	12.207	11.419	10.100	8.968	8.433	8.710	9.645	10.900	12.226	13.333	13.968
48	Mercury Vapor	700	Single	11.581	11.000	9.710	8.567	7.613	7.133	7.387	8.194	9.267	10.387	11.333	11.871
			Twin	23.161	22.000	19.419	17.133	15.226	14.267	14.774	16.387	18.533	20.774	22.667	23.742
49	Mercury Vapor	1000	Single	16.355	14.621	13.677	12.100	10.742	10.100	10.419	11.548	13.067	14.645	16.000	16.710
51	H.P. Sodium	200	Single	3.774	3.345	3.129	2.767	2.484	2.300	2.387	2.645	3.000	3.355	3.667	3.839
			Twin	7.548	6.724	6.290	5.567	4.968	4.633	4.806	5.323	6.033	6.742	7.367	7.710
52	H.P. Sodium	100	Single	2.129	1.897	1.774	1.567	1.387	1.300	1.355	1.484	1.700	1.903	2.067	2.161
			Twin	4.258	3.793	3.548	3.133	2.774	2.600	2.710	2.968	3.400	3.806	4.133	4.323
53	H.P. Sodium	400	Single	7.129	6.379	5.968	5.267	4.677	4.400	4.548	5.032	5.700	6.387	7.000	7.290
			Twin	14.290	12.793	11.968	10.567	9.387	8.833	9.097	10.097	11.433	12.806	14.000	14.613
57	Metal Halide	400	Single	6.548	5.862	5.484	4.833	4.290	4.033	4.161	4.613	5.233	5.871	6.400	6.677
			Twin	13.097	11.724	10.968	9.700	8.613	8.067	8.355	9.258	10.467	11.742	12.800	13.387
58	H.P. Sodium	400	Single	7.129	6.379	5.968	5.267	4.677	4.400	4.548	5.032	5.700	6.387	7.000	7.290
			Twin	14.290	12.793	11.968	10.567	9.387	8.833	9.097	10.097	11.433	12.806	14.000	14.613
59	Metal Halide	400	Single	6.548	5.862	5.484	4.833	4.290	4.033	4.161	4.613	5.233	5.871	6.400	6.677
			Twin	13.097	11.724	10.968	9.700	8.613	8.067	8.355	9.258	10.467	11.742	12.800	13.387
61	H.P. Sodium	100	Single	2.129	1.897	1.774	1.567	1.387	1.300	1.355	1.484	1.700	1.903	2.067	2.161
			Twin	4.258	3.793	3.548	3.133	2.774	2.600	2.710	2.968	3.400	3.806	4.133	4.323
62	H.P. Sodium	400	Twin	14.290	12.793	11.968	10.567	9.387	8.833	9.097	10.097	11.433	12.806	14.000	14.613
63	H.P. Sodium	250	Single	4.548	4.069	3.806	3.367	2.968	2.800	2.903	3.194	3.633	4.065	4.433	4.645
64	H.P. Sodium	250	Single	4.548	4.069	3.806	3.367	2.968	2.800	2.903	3.194	3.633	4.065	4.433	4.645
65	H.P. Sodium	400	Single	7.129	6.379	5.968	5.267	4.677	4.400	4.548	5.032	5.700	6.387	7.000	7.290
			Twin	14.290	12.793	11.968	10.567	9.387	8.833	9.097	10.097	11.433	12.806	14.000	14.613
66	H.P. Sodium	200	Single	3.774	3.345	3.129	2.767	2.484	2.300	2.387	2.645	3.000	3.355	3.667	3.839
			Twin	7.548	6.724	6.290	5.567	4.968	4.633	4.806	5.323	6.033	6.742	7.367	7.710
67	H.P. Sodium	200	Single	3.774	3.345	3.129	2.767	2.484	2.300	2.387	2.645	3.000	3.355	3.667	3.839
			Twin	7.548	6.724	6.290	5.567	4.968	4.633	4.806	5.323	6.033	6.742	7.367	7.710
68	H.P. Sodium	400	Single	7.129	6.379	5.968	5.267	4.677	4.400	4.548	5.032	5.700	6.387	7.000	7.290
			Twin	14.290	12.793	11.968	10.567	9.387	8.833	9.097	10.097	11.433	12.806	14.000	14.613

Municipal Service Street Lighting				Estimated Daily kWh Usage											
Method	Light Source	Lamp Size (Watts)	Number of Lamps	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
71	H.P. Sodium	100		2.129	1.897	1.774	1.567	1.387	1.300	1.355	1.484	1.700	1.903	2.067	2.161
72	H.P. Sodium	150		3.000	2.690	2.516	2.233	1.968	1.867	1.903	2.129	2.400	2.710	2.933	3.097
73	H.P. Sodium	250		4.548	4.069	3.806	3.367	2.968	2.800	2.903	3.194	3.633	4.065	4.433	4.645
74	H.P. Sodium	400		7.129	6.379	5.968	5.267	4.677	4.400	4.548	5.032	5.700	6.387	7.000	7.290
76	H.P. Sodium	200		3.774	3.345	3.129	2.767	2.484	2.300	2.387	2.645	3.000	3.355	3.667	3.839
77	H.P. Sodium	50		0.935	0.828	0.774	0.700	0.613	0.567	0.613	0.645	0.733	0.839	0.900	0.968
78	H.P. Sodium	70		1.258	1.103	1.032	0.933	0.806	0.767	0.806	0.871	1.000	1.129	1.233	1.290
79	H.P. Sodium	1000		16.774	15.000	14.032	12.400	11.032	10.333	10.677	11.839	13.400	15.000	16.400	17.129
80	Metal Halide	100		1.774	1.586	1.484	1.333	1.161	1.100	1.129	1.258	1.400	1.581	1.733	1.839
81	Metal Halide	175		3.032	2.690	2.516	2.233	2.000	1.833	1.968	2.161	2.400	2.742	2.967	3.065
82	Metal Halide	250		4.355	3.897	3.645	3.233	2.839	2.667	2.774	3.097	3.500	3.452	4.267	4.452
83	Metal Halide	400		6.548	5.862	5.484	4.833	4.290	4.033	4.161	4.613	5.233	5.871	6.400	6.677
84	Metal Halide	700		11.548	11.000	9.710	8.567	7.613	7.133	7.387	8.194	9.267	10.387	11.333	11.839
85	Metal Halide	1000		15.677	14.000	13.097	11.600	10.290	9.667	10.000	11.065	12.533	14.032	15.333	16.032
86	Metal Halide	200		3.484	3.138	2.935	2.600	2.290	2.167	2.226	2.484	2.800	3.129	3.433	3.581
87	Metal Halide	50		0.871	0.759	0.710	0.633	0.548	0.533	0.548	0.613	0.700	0.774	0.867	0.903
88	Metal Halide	70		1.258	1.138	1.065	0.933	0.839	0.767	0.806	0.903	1.033	1.129	1.233	1.290
89	Metal Halide	150		2.710	2.414	2.258	2.000	1.774	1.667	1.710	1.903	2.167	2.419	2.633	2.774
90	H.P. Sodium	70		1.258	1.103	1.032	0.933	0.806	0.767	0.742	0.871	1.000	1.129	1.233	1.290
91	H.P. Sodium	70		1.258	1.103	1.032	0.933	0.806	0.767	0.742	0.871	1.000	1.129	1.233	1.290
92	H.P. Sodium	100		2.129	1.897	1.774	1.567	1.387	1.300	1.355	1.484	1.700	1.903	2.067	2.161
93	H.P. Sodium	100		2.129	1.897	1.774	1.567	1.387	1.300	1.355	1.484	1.700	1.903	2.067	2.161
94	H.P. Sodium	70		1.258	1.103	1.032	0.933	0.806	0.767	0.742	0.871	1.000	1.129	1.233	1.290
95	H.P. Sodium	70		1.258	1.103	1.032	0.933	0.806	0.767	0.742	0.871	1.000	1.129	1.233	1.290
96	H.P. Sodium	100		2.129	1.897	1.774	1.567	1.387	1.300	1.355	1.484	1.700	1.903	2.067	2.161
97	H.P. Sodium	100		2.129	1.897	1.774	1.567	1.387	1.300	1.355	1.484	1.700	1.903	2.067	2.161
98	Metal Halide	150		2.710	2.414	2.258	2.000	1.774	1.667	1.710	1.903	2.167	2.419	2.633	2.774

**FPPA CALCULATION EXAMPLE FOR METHOD 24: December Bill for 33 days**

**33 Days Total (11.871 kWh \* 25 Methods = 296.78 kWh \* 33 Days = 9,793.74 kWh)**

**9,793.74 kWh \* 0.00249 = \$ 24.39**

**NOTE: Due to rounding, actual calculation may be slightly different**