

Central Hudson Gas & Electric Corporation
Proposed LED Area Lighting SC 5

Fixture Charges Proposed to be Effective February 1, 2017														
Proposed LED Fixture							Current Fixture to Be Replaced							Annual LED Benefit/(Cost)
Fixture Watts	Lumens	Median Wattage	Annual kWh (1)	Annual Fixture Charge (2)	Annual Volumetric Charges (3)	Total Annual Charges	Tariffed Fixture	Fixture Watts	Lumens	Annual kWh	Annual Fixture Charge	Annual Volumetric Charges (3)	Total Annual Charges	
21-30	2,900-4,300	25	100	\$ 146.63	\$ 6.07	\$ 152.70	70w HPS	86	5,800	344	\$ 104.76	\$ 20.87	\$ 125.63	\$ (27.07)
61-70	6,800-7,900	65	260	\$ 158.03	\$ 15.77	\$ 173.80	150w HPS	180	16,000	720	\$ 127.80	\$ 43.67	\$ 171.47	\$ (2.33)
91-100	9,500-10,600	95	380	\$ 191.01	\$ 23.05	\$ 214.06	250w HPS	316	27,000	1,264	\$ 159.00	\$ 76.67	\$ 235.67	\$ 21.61
151-160	16,500-21,000	155	620	\$ 280.25	\$ 37.61	\$ 317.86	400w HPS	496	50,000	1,984	\$ 190.20	\$ 120.34	\$ 310.54	\$ (7.32)

Fixture Charges Proposed to be Effective July 1, 2017														
Proposed LED Fixture							Current Fixture to Be Replaced							Annual LED Benefit/(Cost)
Fixture Watts	Lumens	Median Wattage	Annual kWh (1)	Annual Fixture Charge (2)	Annual Volumetric Charges (3)	Total Annual Charges	Tariffed Fixture	Fixture Watts	Lumens	Annual kWh	Annual Fixture Charge	Annual Volumetric Charges (3)	Total Annual Charges	
21-30	2,900-4,300	25	100	\$ 152.23	\$ 6.07	\$ 158.30	70w HPS	86	5,800	344	\$ 113.40	\$ 20.87	\$ 134.27	\$ (18.43)
61-70	6,800-7,900	65	260	\$ 171.61	\$ 15.77	\$ 187.38	150w HPS	180	16,000	720	\$ 138.36	\$ 43.67	\$ 182.03	\$ 8.23
91-100	9,500-10,600	95	380	\$ 207.43	\$ 23.05	\$ 230.48	250w HPS	316	27,000	1,264	\$ 172.20	\$ 76.67	\$ 248.87	\$ 34.81
151-160	16,500-21,000	155	620	\$ 304.34	\$ 37.61	\$ 341.95	400w HPS	496	50,000	1,984	\$ 205.92	\$ 120.34	\$ 326.26	\$ 8.40

(1) Based on 4,000 burn hours per year (PSC No. 15 - Electricity, Proposed Original Leaf No. 206.3)
kWh = (Total Wattage ÷ 1,000) x (Monthly Burning Hours)

(2) SC No. 8 LED - PSC No. 15 - Electricity, 16th Revised Leaf No. 217

(3) Volumetric Rate per kWh = \$ 0.06066
Weighted on burn hours for the 12 months ended October 2016.
Includes MPC, MPA, MISC, PPA, MFC, NYSA, SBC.