

City of Garden Grove

Customer Number: 1-0-000-8481

Lamp Wattage	Lamp Count	Estimated High Pressure Sodium Vapor (HPSV) Annual Costs	Estimated Light Emitting Diode (LED) Annual Costs	Estimated Annual Savings
50	5	\$590	\$612	\$22
70	4,278	\$536,975	\$536,461	(513)
100	1,695	\$230,045	\$219,469	(10,577)
150	15	\$2,444	\$2,254	(191)
200	1,220	\$222,967	\$193,980	(28,987)
250	56	\$11,390	\$10,389	(1,001)
310	0	\$0	\$0	
400	0	\$0	\$0	0
Total	7,269	\$1,004,412	\$963,165	(41,247)

This analysis is only an estimate and the results presented are based on HPSV Lamp Wattage and counts as of May 2016, LED wattage conversion lamps available after August 1, 2016, and June 1, 2016 rates. This analysis excludes the following when applicable: Tap Device Charge, State Tax, Utility Users Tax, and Generation Municipal Surcharge. The Analysis does not include costs associated with Incandescent, Mercury Vapor, Low Pressure Sodium Vapor, Metal Halide, or already existing LED Lamps. Actual costs may vary due to factors including but not limited to, rate changes, factor changes, wattage conversion changes, excluded cost components.

City of Garden Grove

Customer Number: 1-0-000-8480

Additional Savings after the energy efficiency premium falls off after 20 years and beyond

Wattage	Lamp Count	EEP Per Month	Estimated Monthly Savings
50	5	\$1.32	\$6.60
70	4278	\$1.32	\$5646.96
100	1,695	\$1.36	\$2305.20
150	15	\$1.48	\$22.20
200	1220	\$1.76	\$2147.20
250	56	\$1.97	\$110.32
310	0	\$0.00	\$0.00
400	0	\$2.79	\$0.00
TOTAL			\$10,238.48

Additional monthly savings after 20 years: \$10,238.48
Additional annual savings after 20 years: \$122,861.76
Estimated Annual Savings During 20 Year Repayment: \$41,247.00
Estimated Annual Savings Post 20 Year Repayment: \$164,108.76