

**City of Hermosa Beach**

Customer Number: 1-963

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

<b>Wattage</b>	<b>Lamp Count</b>	<b>EEP Per Month</b>	<b>Estimated Monthly Savings</b>
50	7	\$1.32	\$9.24
70	97	\$1.32	\$128.04
100	743	\$1.36	\$1010.48
150	9	\$1.48	\$13.32
200	48	\$1.76	\$84.48
250	0	\$1.97	\$0.00
310	0	\$0.00	\$0.00
400	0	\$2.79	\$0.00
TOTAL			\$1,245.56

Estimated Additional monthly savings after 20 years: \$1,245.56  
Estimated Additional annual savings after 20 years: \$14,946.72  
**Estimated Annual Savings During 20 Year Repayment:** \$5,872.00  
**Estimated Annual Savings Post 20 Year Repayment:** \$20,818.72

**City of Hermosa Beach**

Customer Number: 1- 963

<b>Lamp Wattage</b>	<b>Lamp Count</b>	<b>Estimated High Pressure Sodium Vapor (HPSV) Annual Costs</b>	<b>Estimated Light Emitting Diode (LED) Annual Costs</b>	<b>Estimated Annual Savings</b>
50	7	\$826	\$857	(\$31)
70	97	\$12,175	\$12,164	\$12
100	743	\$100,840	\$96,204	\$4,636
150	9	\$1,467	\$1,352	\$114
200	48	\$8,772	\$7,632	\$1,140
250	0	\$0	\$0	\$0
310	0	\$0	\$0	\$0
400	0	\$0	\$0	\$0
<b>Total</b>	<b>904</b>	<b>\$124,080</b>	<b>\$118,208</b>	<b>\$5,872</b>

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.