



City Hall Energy Efficiency Project



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July 2021

Project Recap



Original Scope:

- Cool roof coating
- LED retrofit of interior lights
- Installing light sensors / light control system
- HVAC program modifications

Modified Scope:


- ~~Cool roof coating~~
- LED retrofit of interior lights
- Installing light sensors / light control system
- HVAC program modifications

Project Costs

Efficiency Measure	Original Scope	Modified Scope
Implement Chilled Water & Static Pressure Resets (HVAC)	\$990	\$990
Replace Interior T8 Lamps with LEDs	\$88,669	\$88,669
Implement Lighting Control System	\$64,290	\$64,290
Replace 900w Interior Lights with LEDs (Council Chambers)	\$5,605	\$5,605
Apply "Cool Roof" Coating (+ Ductwork Repairs)	\$193,479	N/A
Subtotals:	\$353,033	\$159,554
Less Incentives	(\$79,498)	(\$75,910)
Net Project Cost:	\$273,535	\$83,644
Simple Payback Period	6.2 Years	1.9 Years

Next Steps

- Conduct Public Hearing to Adopt energy efficiency finds and award contract to Facilities Solutions Group (FSG)*
- Retrofit Lights and Controls
 - Approx. 4,900 T8 lights with Sylvania LEDs
 - Lutron Vive Sensor wireless fixture controllers and ceiling sensors
 - Lutron Vive Power Pack controllers for soffit fixtures
- Complete HVAC programming modifications
- Receive rebates and monitor savings

Revised Project Stats	
Project Cost (before rebates)	\$159,554
Eligible Rebates	\$75,910
Payback Period	1.9 Years
Estimated Energy Savings (\$ annually)	\$44,073
Annual kWh Savings	459,890
Greenhouse Gas-Emission Reduction Equivalent	70  off the road

**Allowed under California Government Code Section 4217.10 et seq.*

QUESTIONS?



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