

Rural County Government Leveraged LED Technology to Improve Lighting and Lower Energy Costs

Situation

Shasta County included a comprehensive lighting retrofit in an ENGIE ESCO project. ECM's lighting group was brought on for a turn-key installation at a variety of widely located sites which included the airport and the jail.


Project

The project started the first day COVID-19 was first diagnosed in the US.* After a couple weeks, the pandemic required a review of all workplace activities, and our team adopted new hygiene and social distancing workplace protocols.

This project was spread over a 50-square mile area. ECM installed almost 20,000 items: 79 types of lamps & fixtures, along with step-down transformers and Lutron controls.

The biggest challenge was retrofitting 5 Atrium chandeliers that required scaffolding which spanned a 14' space over 3 flights of stairs.

Shasta County



<i>Industry:</i>	County Government
<i>Locations:</i>	Redding and Fall River Mills, CA
<i>Project Type:</i>	Lighting Retrofit
<i>Cost:</i>	\$1,500,000
<i>Energy Savings:</i>	1,512,180 kWh/year

The Shasta County project was very challenging. ECM retrofitted facilities over a large area early in the pandemic, and kept our customers happy!

Dan May, Lighting Engineer, ENGIE N.A.

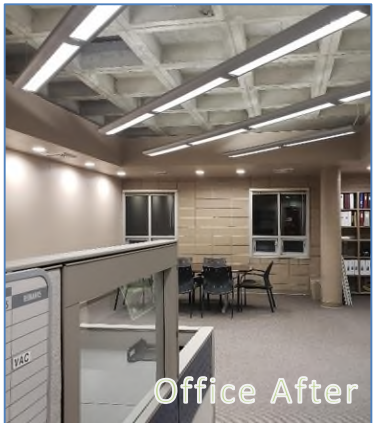


Summary

22 Buildings
490,544 ft²

8,054 Fixtures

Timeframe
Jan 20* - June 9



* The first COVID diagnosis confirmed by the CDC was in Washington state on 1/20/2020.

Headquartered in Oshkosh, Wisconsin, ECM Holding Group provides energy conservation technologies and project solutions to major Energy Service Companies (ESCOs) and corporate clients in North America.

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