

Orange County Whole Building Metered Savings Program Case Study

SoCalREN Public Agency Programs | socalren.org



Project Summary

SoCalREN has a robust 11-year partnership with Orange County. Most recently, this partnership has resulted in Orange County's first Metered Savings Program project at the Orange County Health Care Agency building.

SoCalREN's Metered Savings Program stepped in, offering competitive incentives and a quick application processing timeline to make the project possible. SoCalREN was there to help the County throughout their journey, with swift and seamless support for the project. This first-of-its-kind project has saved the County more than \$73,000!

“ Without SoCalREN, our energy program for the 405 West 5th Street [Health Care Agency building] would have stagnated. They were able to identify the appropriate program to maximize the best return on investment for much-needed building upgrades while reducing the building's carbon footprint. I cannot say enough about SoCalREN and their fight against climate change. Thank you! ”

- Erick Kollerbohm, Sr. Project Manager at Orange County

Project Overview



\$401,000+
Lifetime savings



13%
reduction in
electricity demand
(kW)



54%
reduction in
electricity (kWh)



39 cars
taken off the road
lifetime kWh savings
greenhouse gas equivalency

Project Services Utilized

Below are the no-cost services SoCalREN provided that led to a successful project for Orange County.



MSP Project Proposal
Presented to County



MSP Incentive
Application Submission



Incentive Application
Approval



Construction Completion



Incentive Payout

Energy Efficiency Upgrade Successes

- **Interior lighting upgrades:** replaced all fluorescent lamps with Type B and Type A/B LED lamps
- **Boiler lockout controls:** installed controls that automate the boiler temperature and shut off the boiler when the air temperature reaches 70°F
- **HVAC system scheduling:** implemented an optimum start time to reduce equipment runtime and ensure that zones are at their occupied temperature set point by the scheduled occupancy time of 6:30 am