



SoCalREN utility agency program Summary

County of Los Angeles/Southern California Regional Energy Network (SoCalREN) to serve utility agencies and their constituents throughout Southern California

SoCalREN's mission is to harness the collective capability of utility agencies and their constituents to help the state energy regulatory process and resource and technical expertise

At no cost to agencies SoCalREN identifies energy saving measures and works side by side with agency staff from audit through construction to help accomplish energy efficiency projects. SoCalREN is an optional third party resource for use on energy savings and upgrading facilities

Services include

- Start-to-finish project management support
- Technical assistance
- Access to financial advisory services
- Access to competitively bid specialty contractors
- Assistance with utility rebate and On-Bill Financing (OBF) processing
- And more!

SoCalREN was created on the belief that public agencies can be powerful agents of change. As role models for their communities, they represent the first level of public service, the first level of accountability, and the first level of leadership. Energy conservation at the local level gives communities direct, tangible benefits in the form of freed-up public resources. Energy efficiency is not only about stopping waste. For public agencies, it is also about being able to provide more services to their communities.

the SoCalREN provides free services to qualifying agencies interested in retrofitting their existing streetlights, including financial and technical assessments, completion of the utility incentive application, and construction management support.



SoCalREN is administered by the County of Los Angeles and funded by California utility ratepayers under the auspices of the CPUC. The program is available to more than 700 public agencies in Southern California.

For more information, please contact info@socalren.com or call 1-855-700-NETWORK.

FACTS ABOUT THE PROJECT

- **Retrofitting HPS (High Pressure Sodium) to LED (Light Emitting Diodes)**
- **Retrofitting 25,070 streetlights**
 - Fourth largest street lighting retrofit on the West Coast
 - 1,750 streetlights funded by Port Mitigation Grant
 - 23,320 streetlights for the balance of the City-wide retrofit
- **Construction in two phases (estimated 6 months completion from start date)**
 - Phase 1 - Port Mitigation Grant
 - Phase 2 - Remainder of the City-wide streetlights

ENERGY SAVINGS

- **Realized annual savings of 9,637,036 kWh per year and reduction of overall energy consumption by almost 10%.**
- **Reduction of greenhouse gas emissions equivalent to taking 20,985 cars off the road.**

FINANCIAL SAVINGS

- **Cost savings**
 - \$1,184,352 estimated annual savings
 - \$15,135,769 estimated savings over project lifetime
 - 3.6 years simple payback period
- **Project funding captured from utility rebates**
 - \$3,164,585 in approved incentives

OTHER BENEFITS

- **Better illumination produced by LEDs improves safety for drivers, cyclists and pedestrians**
- **Reduced energy consumption mitigates future utility cost escalation**
- **The life span of the LEDs specified for this project is 100,000 hours, equivalent to almost 12 years of continuous operation which equates to 24-years of life when in operation 12-hours per day**

SoCalREN'S PROJECT TIMELINE

DECEMBER 2014

Completed high level analysis
12/14

Completed audits
3/15

Applied for incentives
4/15

Incentives approved
7/15

Construction kickoff
OCTOBER 2015

