

SoCalREN Streetlight Project Support

New services through the Metered Savings Program

April 29th, 2019

*Presented by:
Rebecca Hausheer & Pranesh Venugopal*

Today's Agenda

- Introduction to SoCalREN Public Agency Energy Efficiency Programs
- Project Delivery Program
 - Streetlight Project Highlights
 - Current state of SCE Incentives
- Metered Savings Program & Streetlight Projects
- Revolving Loan Fund
- Pathway to Zero
- Q&A

What is SoCalREN?



The SoCalREN Public Agency Programs see a future in which public agencies play an active leadership role in shaping zero net energy (ZNE) communities that are safe, secure, resilient, affordable, and sustainable.

SoCalREN helps public agencies to save energy and lead their communities on the pathway to zero net energy.



Residential



Multifamily



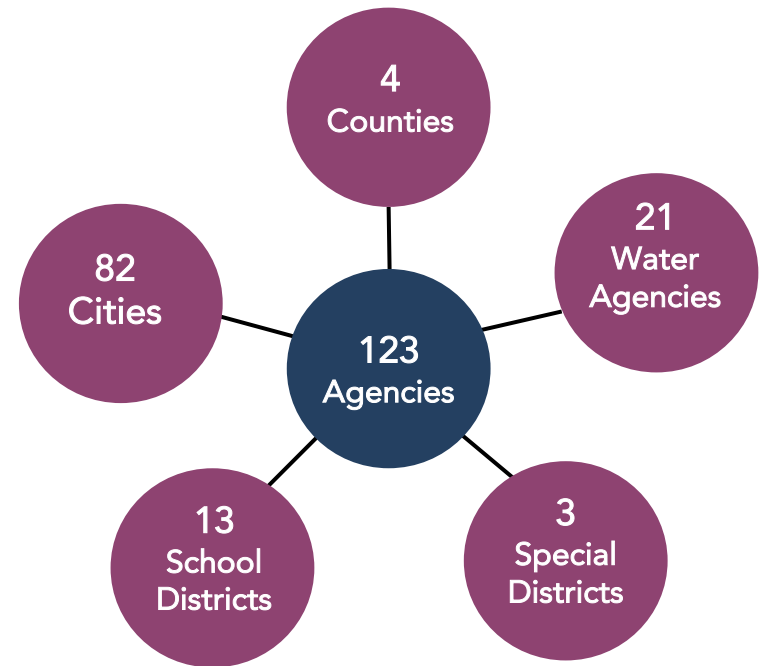
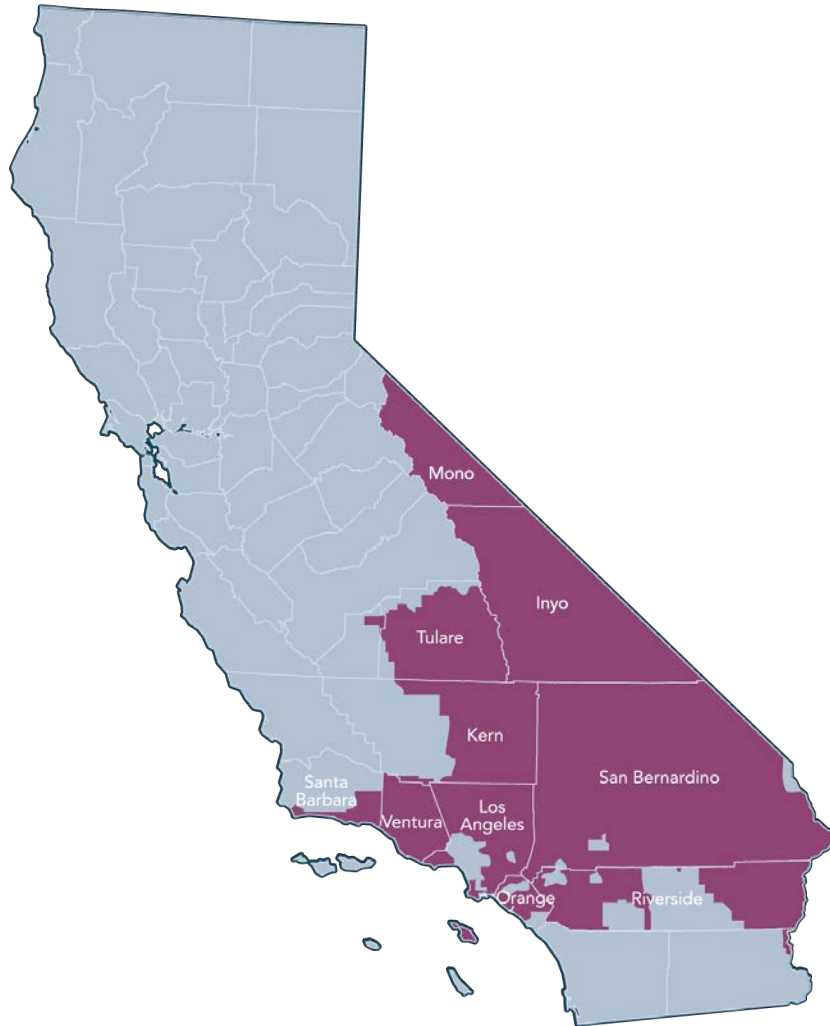
Financing



Public Agencies

These programs are administered by the County of Los Angeles and funded by California utility ratepayers under the auspices of the CPUC

Who's in SoCalREN



Who's Eligible?

700+ public agencies in IOU territories

SoCalREN's Public Agency Program portfolio is growing to better serve your needs

Deep Dive Today



Project
Delivery
Program



Metered
Savings
Program



Revolving
Loan Fund



Pathway to
Zero

Project Delivery Program

What Can SoCalREN's Project Delivery Program Offer?

Technical Support

- ✓ Facility energy audit
- ✓ Streetlight LED retrofit assistance
- ✓ Pumping optimization, waste-water plant improvements and other measures
- ✓ Energy consumption benchmarking
- ✓ Retrocommissioning support
- ✓ Energy efficiency performance specifications



Staff Support

- ✓ Project management and energy consulting team throughout the project cycle
- ✓ Staff report and documentation for project approval assistance



Financing Support

- ✓ Project financial analysis
- ✓ Financing options including On-Bill Financing (OBF), Energy Lease Financing (ELF) and others
- ✓ Utility rebate & incentive application support
- ✓ Access to financial advisory services through PFM Financial Advisors LLC



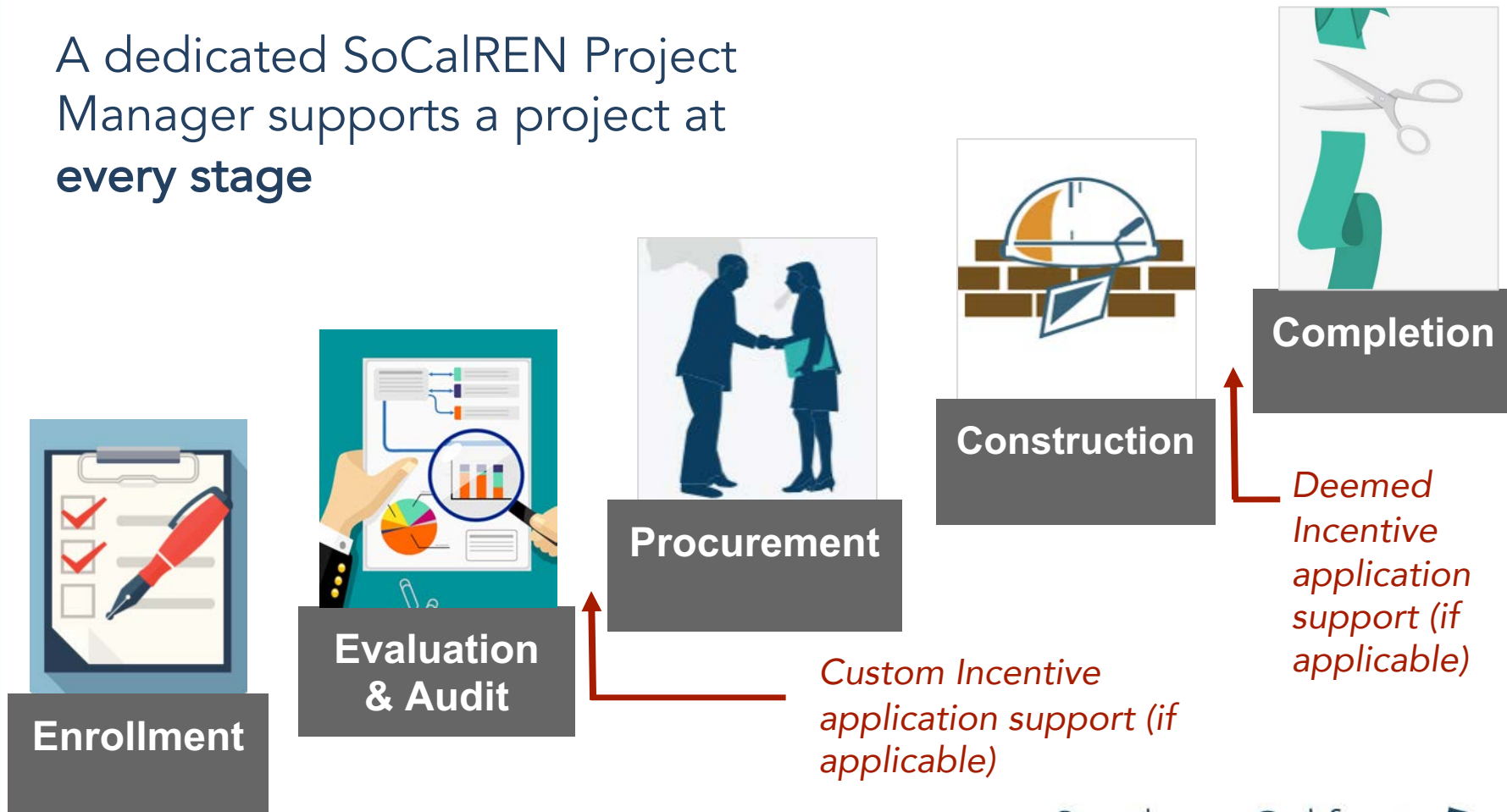
Proposal & Construction Support

- ✓ Cooperative procurement for project delivery
- ✓ Procurement and project delivery option analysis
- ✓ Third-party review of project bids and proposals
- ✓ Development of contractor scope of work with performance specifications
- ✓ Contractor cost estimate review
- ✓ Construction management support
- ✓ Project close-out support



A Tailored Project Delivery Approach

A dedicated SoCalREN Project Manager supports a project at **every stage**



Resource Coordination for You



Collective Achievements

*Together, agencies in the network
have collectively achieved...*



3,130
Cars off the road
equivalent



\$7+ Million
Annual energy
cost savings



\$31+ Million
Incentives and
financing secured



850+
Green jobs
created

as of February 2019

Streetlight Projects Supported...

Acquisition Projects

- City of Chino Hills - 4,456
- City of Claremont - 980
- City of Goleta - 1,500
- City of Highland - 2,819
- City of Huntington Beach - 11,045
- City of Jurupa - 1,905
- City of La Puente - 1,443
- City of Moreno Valley - 9,411
- City of Orange - 4,323
- City of Palmdale - 18,000
- City of Rancho Cucamonga - 15,236
- City of Rialto - 3,746
- City of Santa Clarita - 14,325
- City of Simi Valley - 4,359
- City of Tustin - 2,934
- City of West Hollywood - 1,901
- Los Angeles County - 39,000

Non acquisition projects

- City of Arcadia - 810 (LS-2)
- City of Beverly Hills - 550 (LS-3)
- City of Corona - 7,177 (LS-3)
- City of Covina - 379 (LS-2/LS-3)
- City of Culver City - 2,208 (LS-2)
- City of Downey - 611 (LS-2/LS-3)
- City of Fullerton - 3,246 (LS-2/LS-1)
- City of Long Beach - 28,000 (LS-2/LS-3)
- City of Maywood - 604 (LS-2)
- City of Mission Viejo - 225 (LS-2)
- City of Newport Beach - 3,186 (LS-2/LS-3)
- City of Pomona - 2,665 (LS-2)
- City of Rancho Mirage - 172 (LS-3)
- City of San Bernardino - 398 (LS-2)
- City of Santa Barbara - 1,538 (LS-2/LS-3)
- City of Santa Monica - 165 (LS-2/LS-3)
- City of Thousand Oaks - 120 (LS-2)
- City of Whittier - 1,626 (LS-2)



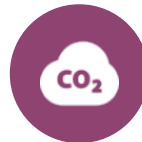
~200,000

Total Poles



70,000,000 kWh

Estimated Annual
Energy Savings



49,500 Metric Tons

Estimated CO₂e
Emissions Saved

Current state of SCE Incentives

- January 1st, 2018: SCE expired incentives for non-acquisition streetlights
- January 15th, 2019: SCE confirms continuing incentives for acquisition customers up until December 31st, 2020 based on:
 - ◆ 2015 incentive rates & program eligibility requirements

Metered Savings Program

The Metered Savings Program unlocks project opportunities

What is the Metered Savings Program?

- A new way to access SoCalREN's technical support services, regardless of utility incentive eligibility
- One-stop shop for all energy efficiency measures in your project
 - Comprehensive approach reduces the complexity, allowing for deeper savings and faster project completion
- Support extends beyond project completion, with training and energy tracking support for up to three years!



SoCalREN's Metered Savings Program offers comprehensive support



Unlocks support for “stranded savings”

Projects with 10% or greater energy savings are eligible for Metered Savings Program, regardless of utility incentives



One-stop shop from project start to finish

Services include incentive applications, financing support, procurement and other technical support



Persistent energy savings with ongoing support

Post-implementation training, maintenance plans, and energy tracking empower facility staff to track and manage energy reduction goals

Sample Street Light Project Walk-Through



Prescreening



Audit and Project Proposal



Application Submittal and Approval



Procurement and Construction



Post-implementation Support

Revolving Loan Fund

Revolving Loan Fund is the new solution

- SoCalREN's Revolving Loan Fund (RLF) can provide the bridge funding your agency needs to make your energy efficiency project a reality
- RLF offers an easy process, 0% interest rate, simple application, efficient processing, and relatively quick allocation of funds
- The Fund is part of a suite of customizable services, including project management, incentive application, procurement, and other support SoCalREN provides for enrolled agencies



Pathway to Zero

Pathway to Zero

SoCalREN's Pathway to Zero was created to support projects within disadvantaged communities on a path towards zero net energy.

Offered in conjunction with our energy programs, it maximizes energy efficiency opportunities and drives the integration of Distributed Energy Resources (DERs).



DER and
sustainability
strategies

- Demand Response
- Permanent Load Shift
- Electric Vehicle Infrastructure
- Solar PV
- Energy Storage
- Green Rate Tariff
- Solar Water Heating
- Water Efficiency

Learn more at socalren.com/PathwaytoZero

Get Started with SoCalREN Public Agency Programs



Visit socalren.org to learn more!

For Enrollment Inquiries, contact:

Nicol Manzanares
Program Manager
nmanzanares@energycoalition.org

Q&A