

# SoCalREN Advisory Committee Meeting

Monday, December 7, 2020

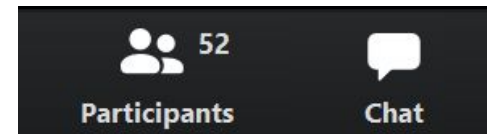
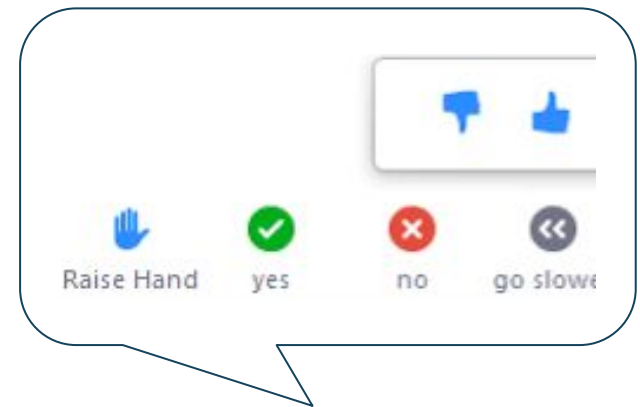
3:00 PM - 4:30 PM

# Administration

- This webinar is being recorded
- Please keep microphone muted unless you want to speak
- If you are experiencing any technical issues during the webinar, please contact Meghan Kamper at *[mkamper@energycoalition.org](mailto:mkamper@energycoalition.org)*

# Directions for Chat

- We will be having an open discussion throughout the meeting!
- To facilitate orderly discussion while others are speaking, we are going to be using the “raise hand” function.
- If you would like to ask your question verbally click on the “raise hand” function so we can unmute you.
- If you would not like to be unmuted, send us your question or comment through the chat!



# Introductions

Who is participating today?

## Advisory Committee Members



## Invited Guests



## SoCalREN Staff, Implementers & Regional Partners



# SoCalREN Advisory Committee



Guide and Advise



Collaborate & Innovate



Be Informed



Be an Advocate

# Agenda

SoCalREN Welcome	Los Angeles County	10 min
Ice Breaker Festivities	All	10 min
Program Case Studies	Lorelei Penera, Rebecca Hausheer, Wendy Angel	20 min
Working Group Updates	Laurel Rothschild & Julie Tan	15 min
Regulatory Update	Marc Costa	15 min
Out of Crisis Comes Opportunity <i>Looking to 2021 &amp; Beyond</i>	All	15 min
Closing Remarks	Laurel Rothschild	5 min

# SoCalREN Welcome

Los Angeles County

# Ice Breaker Festivities



1. Turn on video (festive background a plus)
2. Share: what is your favorite holiday or seasonal movie?





# Program Case Studies

 2020 Success Stories 

# Residential Sector Ridgestone Case Study

Lorelei Penera, ICF



# Project Details

- Completed by a new Participating Contractor: **SitelogIQ.**
- Project type: **Common Area Project.**
- Located in **Lake Elsinore** (Riverside County).
- Total of **352** units.



# Measures Installed



- Upgraded Common Area Lighting.
- Installed Programmable Pool and Spa Pumps.
- Installed Timer on Pool and Spa Heater.



# Energy Savings Information



Energy Savings Information	
Final Energy Savings (kWh)	97,249
Final Energy Savings (kW)	4
Final Energy Savings (Therms)	110
Final Energy Savings (%)	3%
Final Installation Cost	\$63,503
Final Incentive Payment	\$22,226

# Breakdown of Savings by Measure



Measures	kWh Savings	Therm Savings
Upgraded Common Area Lighting	84,338	0
Installed Programmable Pool and Spa Pumps	12,911	0
Installed Timer on Pool and Spa Heater	0	110

# Public Sector City of Costa Mesa Case Study

Rebecca Hausheer, The Energy Coalition

# Agency Spotlight: City of Costa Mesa



## About Costa Mesa

- Enrolled November 2016
- Population - 113,003
- Serves Disadvantaged Communities\*
- SoCalREN Program Participation
  - Project Delivery Program
  - Pathway to Zero Program
  - Benchmarking Call to Action

## Four Completed Projects

- City-wide Safety Lights
- Police Station Exterior Lighting
- Parks Lighting (5 Parks)
- Various Exterior Lighting

## Three Additional Projects In Progress

- City Hall Whole Building
- City Hall Parking Lot Solar Carport
- Tennis Court Lighting

"We want the city of Costa Mesa to be a leader in sustainability in Orange County, and I commit to working with diverse stakeholders to develop bold strategies and programs that leave no one behind and create [a] stronger, livable and equitable city for all residents."

- Salem Afeworki, Energy and Sustainability Services Manager





# Turnkey Services Leveraged



Project  
Identification

Audit

Financing

Design &  
Procurement

Construction

Project  
Closeout

## Project Management Support from Start to Finish

### • ESPM Support

- Site Visit
- EE Audits
- Solar Carport Feasibility Analysis
- Streetlight Inventory Support
- Submetering services

- Financing Option Analysis
  - CEC 1% loan, RSF, OBF
- Financing Support
  - OBF & RSF Applications
  - Incentive Applications

- Technical Specifications
- Staff Report support
- Contracting through Sourcewell

### • Submittal Review

- Utility Installation Reports
- Streetlight Tariff updates



# City Hall Project



## Energy Efficiency Measures

- Chiller sequencing
- Variable Air Volume System
- Direct Digital Controls for HVAC system
- Chilled water constant speed to variable frequency
- Condenser water constant speed to VFD

## Distributed Energy Resource Measures

- Carport Solar PV array



Proposed Carport Solar PV

\$3.6M

Lifetime cost savings

37%

Reduction in energy consumption

1M

Annual kWh Savings

154

Cars off the road



# Total Projects' Impacts



→ \$392K in funding & financing



→ \$ 7.5+million in lifetime cost savings



→ 191 cars off the road



→ 885 metric tons CO2 GHG emissions avoided



→ 1.3 million kWh annual energy savings



# Workforce, Education & Training Sector Green Path Careers Program Highlight

Wendy Angel, Emerald Cities



# GREEN PATH CAREERS



## → Objective

The Green Path Careers (GPC) program's overarching objective is to help Transition Age Youth (TAY) work toward rewarding careers in the sustainable economy by teaching them skills required to succeed the high-growth energy efficiency industry.

*"Green jobs present tremendous opportunities for people who have the core skills and competencies needed in such well-paying and rapidly growing industries as energy efficiency (...)"*

*- Hilda Solis*

# Green Building Sector



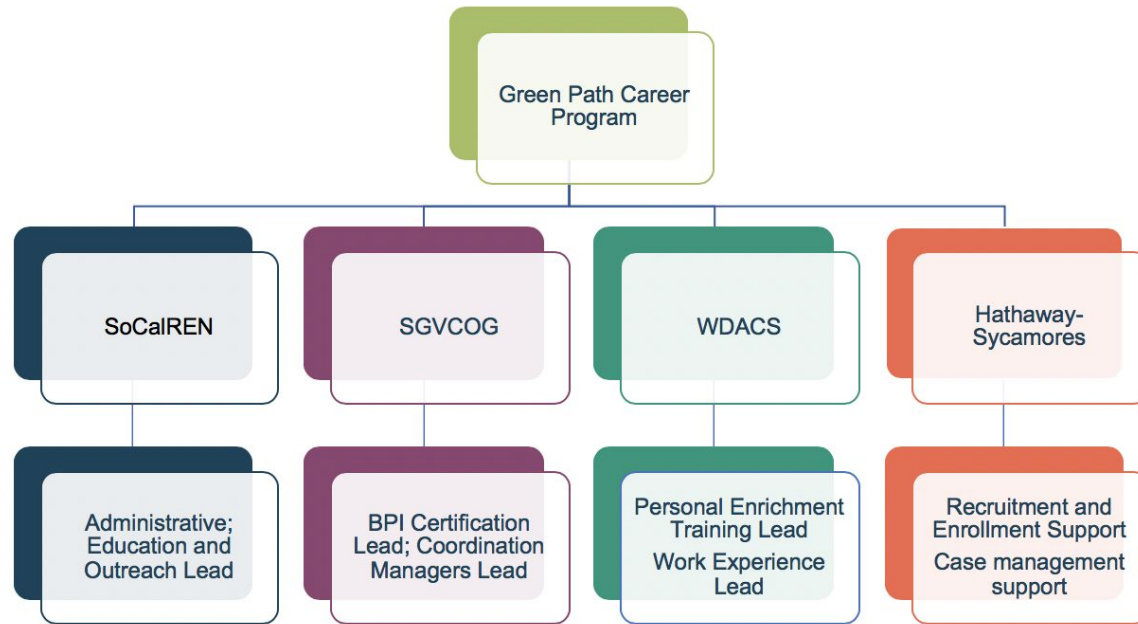
- Highest Growing Sector
  - Earn higher and more equitable pay compared to other workers
  - Continuous Education Units Available

Career Pathway	Salary Range (LA Average)
Building Analyst	\$65,000
Energy Auditor	\$47,000
Project Manager	\$85,000

## Job Opportunities

<http://www.bpi.org/find-a-job>

# Program Partners



# Program Model



## 1. Recruitment

Recruitment of Transition Age Youth (TAY) will be led by Regional Workforce Development Community Service organizations, with the support of SoCalREN's Regional partner SGVCOG, and its partner Hathaway-Sycamores.



## 2. Personal Enrichment Training

Personal enrichment training will be offered in preparation of the participant transitioning into the workforce. This will include financial literacy, work ethics, life skills, career exploration, and goal setting.



## 3. Certification

BPI Training Package:

- Building Analyst
- Infiltration & Duct Leakage
- Envelope Professional



## 4. Paid Work Experience

Establishment of an employee referral program to help GPC participants obtain work experience. To incentivize EE contractors to hire GPC participants, the first 120 hours of employment will be funded through WDACS.



## 5. Energy Efficiency Career

Participants will be offered support to enter the workforce, including career coaching, individualized career planning, labor market information, resume/cover letter development, and interview training.



# Participant Program Timeline



Deliverable	Date
Program Launch	10/29/2020
Informational Session	11/17/2020
Participant Orientation	11/24/2020
WDACS Enrollment Finalized	11/29/2020
Personal Enrichment Training (PET)	12/7/2020
BPI Training (6-Week)	12/14/2020
Paid Work Experience	02/08/2021

# Working Group Updates

Laurel Rothschild, The Energy Coalition

Julie Tan, Los Angeles County

# Grant Working Group Updates



Grant Name	<a href="#">Statewide Park Program (SPP)</a>	<a href="#">Connected Communities</a>	<a href="#">Rural Energy for America Program Energy Audit &amp; Renewable Energy Development Assistance (REDA)</a>
Description	California Dept. of Parks and Recreation funding available for agencies looking to create new parks, expand, or improve existing parks.	US Dept. of Energy funding available for public agencies interested in DER and strategies to maximize building, community, and grid efficiency.	US Dept. of Agriculture funding available for local governments to provide assistance to agricultural producers and rural small businesses with energy audits.
Award Amount/ Funding Available	\$200,000 – \$8.5M	\$65M available with each award expected to range from \$3M - \$7M	\$100,000 maximum aggregate amount of an energy audit and REDA grant in a Federal fiscal year
Application Due Date	EXTENDED: 3/12/2021	2/17/2021	2/1/2021

 **More details available on tracker!**

# SCE Public Sector Solicitation Working Group



## SCE Public Sector Solicitation Update:

- SCE RFA Solicitation Released: November 5, 2020
- Offer Submittal Deadline: December 10, 2020
- Program implementation start date: Q2 2022

## Working Group Update:

- Three planning calls held to discuss strategies for potential submittal of a cost-effective public sector resource program following the RFA release
- The strategy developed was determined to be better suited as a new program under SoCalREN
- Program development will continue into 2021 under SoCalREN through current members

## Current Members

- Kim Fuentes, SBCCOG
- Pam Bold, HSEF
- Sumire Grant, GCCOG
- Stephanie Cadena, GCCOG
- Julie Tan, Los Angeles County
- Lujana Medina, Los Angeles County

# Resiliency Working Group



## Next Meeting

- January 2021: TBD

## Working Group Accomplishments to Date

- Responded to Microgrid Decision 20-06-017 (proceeding R.19-09-009) SCE Advice Letters (Orders 1, 5, 6, 9, 10)
- Responded to Microgrid Decision 20-06-017 (proceeding R.19-0-009) Track 2 Staff Proposals

## What's Next?

- Develop scope for RWG – Tell us how we can better support resiliency in your communities.
  - Potential Deliverables:
    - Policy Campaign to State regarding need for funding resources for LGs for Resiliency and Climate Mitigation
    - Comprehensive Step-by-Step Guide to Completing Resiliency Projects

## Current Members

- Pam Bold, HSEF
- Garrett Wong, Santa Barbara County
- Kim Fuentes, SBCCOG
- Sona Coffee, City of Irvine
- Alelia Parenteau, City of Santa Barbara
- Benjamin Lucha, City of Palmdale
- Antonia Graham, City of Fullerton
- Kathy Wells, City of Palmdale
- Julie Tan, Los Angeles County
- Lujana Medina, Los Angeles County
- Chris Moore, CPUC

# Regulatory Updates

Marc Costa, The Energy Coalition

# Clean Energy Financing



- [R.20-08-022](#) - new CPUC proceeding
- Creates overarching financing across EE, demand response and distributed energy resources
- SoCalREN comments focused on HTR and DAC opportunities

# Regulatory Updates



Proceeding Number	Title of Proceeding	Recent Development	Impact to LG/ Constituents Served	Next Step/ Deliverable
R.13-11-005	Rolling Portfolio	<ul style="list-style-type: none"> <li>-LGP <a href="#">Final Evaluation</a> issued</li> <li>-CPUC COVID-19 workshop</li> <li>-ESPI Moratorium</li> <li>-ABALs</li> </ul>	<ul style="list-style-type: none"> <li>- LGPs, RENs and CCAs evaluation was largely favorable; however data availability would yield more insights</li> <li>-CPUC hosted COVID-19 workshop to provide updates on programs, energy trend and recommendations;</li> <li>- Final Decision to put stop to ESPI funds for IOUs until new incentive structure is decided</li> <li>-Awaiting ABAL dispositions</li> </ul>	-Work on Business Plans for Sept 2021
R.20-08-022	Clean Energy Financing	-New CPUC proceeding to unify financing	SoCalREN submitted opening comments and became party to proceeding	-Awaiting memo/ ruling
R.18-12-006	DRIVE	-Proposed Decision	Proposed decision on <a href="#">vehicle-to-grid strategies</a> and on low carbon fuel standards ( <a href="#">LCFS</a> )	-Submit PD comments



# Regulatory Updates



Proceeding Number	Title of Proceeding	Recent Development	Impact to LG/ Constituents Served	Next Step/Deliverable
R.20-05-003	Integrated Resource Plan (IRP)	CPUC Staff Proposal on Resource Procurement Framework  PD on Backstop Procurement	ALJ ruling and <a href="#">staff proposal</a> issued on short term and long term options to meet state goals/grid mix.  <a href="#">Proposed Decision</a> on backstop procurement that places the onus only on IOUs for such electric generation procurement.	Continue to monitor next steps in proceeding
R.19-01-011	Building Decarb	TECH Program awarded to prime contractor  Workshop on SB 100	Energy Solutions as prime on TECH program with multiple subs  <a href="#">SB100 workshop</a> will discuss intersection of CEC and CPUC activities on decarbonization	Continue to monitor next steps in proceeding
R.19-09-009	Rulemaking Regarding Microgrids	Resilience and Microgrid Working Group (RMWG)	CPUC will continue the RMWG in 2021. Overview slides are <a href="#">available here</a> .	Follow for RMWG updates

# Out of Crisis Comes Opportunity — Looking to 2021 & Beyond

All

# Breakout Room Discussion



- Think about opportunities and benefits that arose in 2020 for local governments & sustainability
- Share a story with your group
- How do you hope this can continue in 2021?



# Closing Remarks

Laurel Rothschild, The Energy Coalition

# SoCalREN Social



Don't forget to follow SoCalREN on social media!



@SoCalREN



[linkedin.com/com  
pany/southern-  
california-regional-  
energy-network](https://www.linkedin.com/company/southern-california-regional-energy-network)



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# Online Resource for Advisory Committee Members



## Advisory Committee



### Working Group Updates

As needed documents such as operating structure, meeting minutes and opportunity trackers.

[More Info](#)



### Regulatory Reports

Monthly regulatory reports and proceeding updates.

[More Info](#)



### Advisory Committee Meeting Materials

Quarterly meeting materials such as agendas, minutes, presentations and other supporting documents.

[More Info](#)

# Proposed 2021 Meeting Schedule



Quarter	Date	Time
Q1	March 24th	11 am - 1 pm
Q2	June 23rd	11 am - 1 pm
Q3	September 22nd	11 am - 1 pm
Q4	December 15th	11 am - 1 pm

Please take a minute to complete our [Q4 Meeting Survey!](#)