

SoCalREN Advisory Committee
Meeting Minutes
Wednesday, December 11, 2024
10:30 am - 12:00 pm
Zoom

Attendees

#	Name	Organization
1	Lujuana Medina	County of Los Angeles
2	Frederick Chung	County of Los Angeles
3	Sulma Hernandez	County of Los Angeles
4	Sumi Gant	Gateway Cities Council of Governments (GCCOG)
5	Natalie Hernandez	GCCOG
6	Aileen Qin	GCCOG
7	Eduardo Tapia	GCCOG
8	Nicholas Ryu	San Gabriel Valley Council of Governments (SGVCOG)
9	Talia Perluss	South Bay Cities Council of Governments (SBCCOG)
10	Kim Fuentes	SBCCOG
11	Pam Bold	High Sierra Energy Foundation (HSEF)
12	Courtney Kalashian	San Joaquin Valley Clean Energy Organization (SJVCEO)
13	Alelia Parenteau	City of Santa Barbara
14	Selene Lawrence	City of Irvine
15	Benjamin Lucha	City of Palmdale
16	Joe Susca	City of Culver City
17	Sona Coffee	Clean Power Alliance (CPA)
18	Joanne O'Neill	CPA

19	Angie Hacker	California Climate Energy Collaborative (CCEC)
20	Patrick Ngo	Lincus, Inc.
21	Courtney Owen	ICF
22	Nataly Morales	Orange County Power Authority (OCPA)
23	Pranesh Venugopal	OCPA
24	Jeffery Liang	Energy Solutions
25	Jesus Torres	California Public Utilities Commission (CPUC)
26	Nora Gutierrez	CPUC
27	Heather Iwamuro	CPUC
28	Hope Christman	CPUC
29	Allison Hart	The Energy Coalition (TEC)
30	Craig Perkins	TEC
31	Rebecca Hausheer	TEC
32	Laurel Rothschild	TEC
33	Amanda Hassan	TEC
34	Mallory Schaefer	TEC

Notes/Key Takeaways

- Laurel Rothschild (TEC) began the meeting by reviewing the following administrative items:
 - Introductions/logos of invited participants
 - Advisory Committee Members
 - Western Riverside Council of Governments (WRCOG)
 - Gateway Cities Council of Governments (GCCOG)
 - San Bernardino Council of Governments (SBCCOG)
 - South Bay Cities Council of Governments (SBCCOG)
 - Coachella Valley Association of Governments (CVAG)
 - San Gabriel Valley Council of Governments (SGVCOG)
 - City of Culver City
 - City of Palmdale
 - City of Santa Barbara

- County of Ventura
 - County of Santa Barbara
 - City of Irvine
 - Clean Power Alliance
 - Orange County Power Authority
 - County of Orange
 - Imperial Irrigation District (IID)
 - Invited Guests
 - California Public Utilities Commission
 - California Climate & Energy Collaborative
 - CalChoice
 - Grounded Research
 - Energy Solutions
 - SoCalREN Staff, Implementers & Regional Partners
 - County of Los Angeles
 - The Energy Coalition (TEC)
 - ICF
 - High Sierra Energy Foundation (HSEF)
 - San Joaquin Valley Clean Energy Organization (SJVCEO)
 - Emerald Cities Collaborative (ECC)
 - Lincus Incorporated
- Purpose of Advisory Committee
 - Guide and advise
 - Collaborate and innovate
 - Be informed
 - Be an advocate
- Meeting agenda
- SoCalREN Welcome (Lujana Medina, LA County)
 - LA County is looking to create a Region 9 coalition with other states in this region and the EPA. We will be having regional workshops for states to collaborate and discuss the issues they are facing. We also want to continue to prove the success of these programs. In 2025, we are looking to streamline the portfolio to identify inefficiencies and areas with gaps.
- TECH & HEERA Program Updates (Jeffery Liang, Energy Solutions)
 - Policies and Programs for Residential Electrification
 - Climate Goals
 - See slides for table
 - Leverage California's Heat Pump Investment to Help Your Business
 - California has a goal of 6 million heat pumps by 2030, and they are investing big to get there
 - California has earmarked about \$ 30 billion to go towards the adoption of heat pumps, with over \$1 billion already identified for specific programs

- TECH Clean California Overview
 - What is TECH Clean California?
 - California's flagship heat pump market transformation initiative for space/water heating is designed to help put California on a path toward carbon-free homes by 2045
 - Guiding principles of scale, equity, regulatory simplicity, and market transformation
 - Incentives offered statewide
 - \$95M in new funding from the Greenhouse Gas Reduction Fund (AB 209 & AB 102)
 - Over 800 California contractors are already participating
 - Over \$110 million in heat pump incentives were paid
 - Over 46,500 heat pump projects were funded
 - Home Energy Rebate Programs – Inflation Reduction Act
 - \$8.8 billion for Home Energy Rebates under the Inflation Reduction Act
 - Section 50121: Home Efficiency Rebates (HOMES)-- \$4.3 billion for single-family and multifamily discounts on efficiency upgrades
 - Section 50122: Home Electrification and Appliance Rebates (HEAR)-- \$4.5 billion for single-family and multifamily discounts on high-efficiency home appliances and equipment
- HEEHRA Phase 1
 - See slides for incentives table
 - Proceedings for Phase 2 will start on 12/18 and will include more measures for single-family housing.
- Sign-up process and resources
 - Incentive process
 - Step 1: Enroll and complete onboarding
 - Step 2: Make a heat pump sale and submit an incentive reservation to hold incentive money
 - Step 3: Complete installation and any required HERs testing, making sure to note the information required on the claim
 - Step 4: Submit application!
 - Step 5: Receive incentive payment!
 - Ready to Sign Up?
 - Navigate to <https://switchison.cleanenergyconnection.org/form/enrollment-form>
 - Enrollment requirements include:
 - Active California contractor license in good standing
 - Adherence to the requirements outlined in the Trade Professional Participation Agreement, including insurance coverage
 - Brief program training completion

- Expanded TECH Clean California Training
 - Reduce the economic burden for taking time off work for training
 - Give contractors the technical support they need when they need it
 - Stipends available to contractors enrolled in TECH Clean California
 - On-demand phone support through the National Comfort Institute for 100 TECH Clean California contractors
- Questions
 - Natalie Hernandez (GCCOG): Are there any rebates available regardless of income? What are the homeownership requirements?
 - TECH rebates are not income-qualified; only HEEHRA rebates. On the HEEHRA side, income verification is required for the person who lives there, not who owns the property.
 - Benjamin Lucha (City of Palmdale): I was under the impression that the extended rebates were going to be rolled out to single-family homes, too. Has that changed? Also, do you know if there is a danger for the rebates to go away?
 - Induction stoves and dryer rebates will be available to single-family homes under HEEHRA starting 12/18. The \$80 million that has already been allocated for HEEHRA will not be going away and TECH is not federally funded. We are optimistic further Phase 2 funding will be allocated.
 - There may also be future point-of-sale rebates available for induction stoves and electric dryers.
 - Sumi Gant (GCCOG): Why are we doing heat pump water heaters (HPWH)?
 - The state sees HPWH as a thermal battery because it can be controlled. Heating the water while energy is cheap and then using that through peak demand times. Additionally, they are considered a cost-effective electrification measure in the eyes of EE programs.
- Regulatory and Policy Updates (Courtney Owen, ICF on behalf of SoCalREN)
 - Q1 2025 Regulatory Priorities
 - Executive Order N-5-24
 - Signed by Governor Newsom on October 30, 2024. CPUC is requested to report its analysis of programs and recommendations by Wednesday, January 1, 2025, ahead of the legislative session beginning Monday, January 6.

Purpose	Actions	Potential Impacts and Risks
<ul style="list-style-type: none"> ● Address rising electricity costs and provide electric bill relief 	<ul style="list-style-type: none"> ● Identify underperforming programs and return unused funds to customers 	<ul style="list-style-type: none"> ● Potential reduction in funding for energy and climate initiatives

- Connected to meter to pool
 - 79 kW solar
 - 3-hr Battery Back-Up (load shedding)
 - Anticipated savings of \$1.3M for the 30-year life of the project (solar and battery only)
 - 12 Level 2 EV charging units
- ESCO Project
 - Currently wrapping phase 2 of ESCO energy efficiency projects.
 - Interior and Exterior Lighting
 - LS-3 Custom Retrofits
 - Sports Field Lighting Retrofit
 - HVAC Replacements
 - EMS Replacements/Upgrade
 - Irrigation Control Upgrades
- Maintenance Microgrid/ZEV Fleet Study
 - See slides for the study snapshot
- Civic Center Microgrid
 - Currently working on a potential microgrid project.
 - Would cover:
 - City Hall
 - Majority of City Administrative Staff
 - EOC
 - One Fire Station
 - Library/City Cooling Center
- Public EV Charging Stations Program
 - See slides for the program snapshot
- EPIC Power Choice Program
 - \$250 for Residential EV Charger
 - \$550 for Wall Mounted/Level 2 Residential EV Charger
- Planned Building Electrification Program
 - Purchase of Electric Ranges for Four Neighborhood Homes
 - Electric Range Demonstrations
- Questions
 - Selene Lawrence (City of Irvine): Is the solar + storage through a PPA or City-owned? Do you also own the upcoming EV chargers?
 - It is city-owned. We did a design-build project and the builders trained out maintenance staff on how to maintain the system. We don't own the EV chargers but we get a percentage of the revenue they make from having the chargers at our buildings. There is a push for the City to own them though.
 - Sumi Gant (GCCOG): Does anyone live in the four city-owned homes?
 - Nobody lives in those homes but when we buy a new one the previous one gets put on the market for low-income families.

- Closing Remarks (Lujana Medina, LA County)
 - Thank you to our speakers for taking time out of your day to present to us. We are working to put out programs that will meet community needs. We are excited for future opportunities and will continue to provide quarterly updates to all of you.
- Closing Reminders (Laurel Rothschild, TEC)
 - Please take a look at the Quarterly Regulatory Report and provide feedback in the Q4 meeting survey.
 - Please complete the [Q4 Meeting Survey](#) (ACTION ITEM)
 - SoCalREN Podcast and Social Media
 - Don't forget to follow us on social media
 - [Facebook](#)
 - [LinkedIn](#)
 - [Twitter](#)
 - [Instagram](#)
 - [Online Resource for Advisory Committee Members](#)
 - 2025 Meeting Schedule
 - Q1: In-person in Orange County on one of the options below, 10:30 am - 2:30 pm
 - Thursday, March 6th
 - Wednesday, March 19th
 - Thursday, March 20th
 - Tuesday, March 25th
 - Wednesday, March 26th
 - Q2: June 11th, Virtual, 10:30 am - 12:00 pm
 - Q3: September 10th, Virtual or In-person, 10:30 am - 12:00 pm
 - Q4: December 3rd, Virtual, 10:30 am - 12 pm
 - If one of these meetings times does not work for you, please contact Laurel Rothschild (ACTION ITEM)
- The Q4 SoCalREN Advisory Committee Meeting was adjourned.