

SoCalREN Advisory Committee  
Meeting Minutes & Action Items  
Wednesday, September 22, 2021  
10:30 am - 12:00 pm  
Virtual Zoom Meeting

Attendees

#	Name	Organization
1	Wendy Angel	ECC
2	Pam Bold	HSEF
3	Hope Christman	CPUC
4	Cody Coeckelenbergh	Lincus, Inc.
5	Marc Costa	TEC
6	Fernanda Craig	County of Los Angeles
7	Casey Dailey	WRCOG
8	Ann D'Amato	ECC
9	Ted Flanigan	EcoMotion
10	Kim Fuentes	SBCCOG
11	Antonia Graham	OCPA
12	Sumire Grant	GCCOG
13	Allison Hart	TEC
14	Rebecca Hausheer	TEC
15	Meghan Kamper	TEC
16	Meaghan Laverty	TEC
17	Selene Lawrence	City of Irvine
18	Minh Le	County of Los Angeles

19	Kelly Lynn	SBCOG
20	Ben Lucha	City of Palmdale
21	Lujuana Medina	County of Los Angeles
22	Patrick Ngo	Lincus, Inc.
23	Alelia Parenteau	City of Santa Barbara
24	Craig Perkins	TEC
25	Asia Powell	CPUC
26	Laurel Rothschild	TEC
27	Mahogany Smith-Christopher	GCCOG
28	Nils Strindberg	CPUC

Confirmed Action Items

- Please complete the [Q3 Meeting Survey](#)
- If you have anyone you would like to nominate from underrepresented jurisdictions for the SoCalREN Advisory Committee, please reach out to Laurel Rothschild
- Don't forget to listen to the SoCalREN podcast available on [Spotify](#) and [Apple Podcasts](#) platforms, and also follow us on social media! [Facebook](#), [LinkedIn](#), [Twitter](#) and [Instagram](#)

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Notes/Key Takeaways

- Laurel Rothschild (TEC) began the meeting by reviewing the following administrative items:
  - Virtual meeting/Zoom features
  - Introductions/logos of invited participants
    - Advisory Committee Members
      - South Bay Cities Council of Governments
      - Coachella Valley Council of Governments
      - San Gabriel Valley Council of Governments
      - City of Culver City
      - City of Palmdale
      - City of Santa Barbara
      - County of Ventura
      - County of Santa Barbara
      - City of Irvine

- City of Fullerton
  - Western Riverside Council of Governments
  - Gateway Cities Council of Governments
  - San Bernardino Council of Governments
  - Orange County Power Authority
  - Invited Guests
    - California Public Utilities Commission
    - California Energy Commission
    - California Strategic Growth Council
    - EcoMotion
    - Grounded
  - SoCalREN Staff, Implementers & Regional Partners
    - County of Los Angeles
    - The Energy Coalition
    - ICF
    - High Sierra Energy Foundation
    - San Joaquin Valley Clean Energy Organization
    - Emerald Cities Collaborative
    - Lincus Incorporated
- Purpose of Advisory Committee
  - Guide and advise
  - Collaborate and innovate
  - Be informed
  - Be an advocate
- Meeting agenda
- SoCalREN Welcome (Minh Le, County of Los Angeles)
  - Welcome and introductions
  - Thanks for joining us today
  - SoCalREN can play an important part in helping our communities rebuild and additional resources will soon be available, let's stay connected in order to collaborate once these additional funds are available
- Networking
- Regulatory Updates
  - Recent regulatory activity (Cody Coeckelenbergh, Lincus, Inc.)

Recent Development	Impact to LG/ Constituents Served
<ul style="list-style-type: none"> <li>● <a href="#">Ruling</a> requesting proposals to address Governor's <a href="#">proclamation of a state of emergency</a></li> </ul>	<ul style="list-style-type: none"> <li>● SCR requested \$28m for 7 incremental programs &amp; projects</li> </ul>

<ul style="list-style-type: none"> <li>• Draft <a href="#">Total System Benefit (TSB) technical guidance document</a> released</li> </ul>	<ul style="list-style-type: none"> <li>• TSB will replace kWh, kW, therm savings as primary EE goals</li> </ul>
<ul style="list-style-type: none"> <li>• CAEECC – Market Support and Equity working groups</li> </ul>	<ul style="list-style-type: none"> <li>• Develop MS and Equity metrics for BP</li> </ul>
<ul style="list-style-type: none"> <li>• <a href="#">Proposed Decision</a> adopting EE goals for 2022-2032</li> </ul>	<ul style="list-style-type: none"> <li>• Allows SCR to propose energy savings goals every 4 years</li> </ul>
<ul style="list-style-type: none"> <li>• Final 2021 EE <a href="#">Potential and Goals Study</a> released</li> </ul>	
<ul style="list-style-type: none"> <li>• 2022-2023 BBALs due Nov 1<sup>st</sup> 2021</li> </ul>	<ul style="list-style-type: none"> <li>• SCR program funding request for 2022-2023</li> </ul>
<ul style="list-style-type: none"> <li>• 2024-2027 Business Plans due Feb 15<sup>th</sup> 2022</li> </ul>	<ul style="list-style-type: none"> <li>• SCR program funding request for 2024-2027</li> </ul>

- Next Steps:
  - SCR awaiting response from Commission on EE proclamation proposals
  - SCR to develop and submit ABAL and Business Plan Application
- Proposals in response to Governor’s Emergency Proclamation (Lujana Medina, County of Los Angeles)
  - Gov. Newsom issued [emergency proclamation](#) on 7/30 to meet future demand during extreme heat and wildfire events
 

Proclamation orders:

    - CPUC to accelerate deployment of new clean energy and storage projects
    - CPUC to expedite approval of demand response (DR) programs and storage and clean energy projects
    - CEC to prioritize actions to accelerate the State’s transition to carbon-free energy
  - EE Ruling Seeking Proposals
    - Seeks proposals for Commission actions that result in projects installed and deliver benefits by June 2022 and/or June 2023
    - Proposals to facilitate:
      - Accelerating EE projects
      - Adding EE programs or measures targeting peak and net peak hours
      - Integrating distributed energy resource (DER) investments with EE investments
    - Proposals may include requests for:
      - Additional Funding
      - Funding of New Activities
      - Changes to Commission rules or requirements
  - Microgrid Ruling Seeking Proposals

- Seeking proposals to expedite or accelerate clean energy projects by summer of 2022 and 2023
- Proposals to address Microgrid topics:
  - Prevention vs. Mitigation of System Capacity Shortfall
  - Islanding
  - Leveraging Existing MG & Resiliency Programs
  - Modifications to Microgrid Tariffs
  - Potential New Microgrid Programs and Projects

- SoCalREN EE Proposals

Food Desert Energy Equity (FDEE) Program	370	407,854	2,344,966	554	610,240	2,937,742
Energy Resilience Program	320 (dispatchable)	0	2,980,000	2,000 kW (dispatchable) 250 kW (permanent)	8,300,000	2,875,000
Schools Intelligent Load Management (SILM) Program	325	1,200,000	759,841	755	2,800,000	1,519,681
Water & Wastewater Intelligent Load Control Program	4,753	0	1,884,293	9,507	0	2,668,586
DR Enablement and Enrollment Program	1,069	0	2,407,925	2,494	0	1,600,313
Multifamily Distributed Energy Generation (MDER) Program	1,705	1,585,938	2,347,536	3,410	1,719,876	3,381,536

- SoCalREN Program Proposals
  - Multifamily Distributed Energy Generation (MDER) Program
    - SoCalREN requested ~\$5,700,000 for program years 2022-2023
    - Assist multifamily properties to implement comprehensive DER projects through energy efficiency, solar photovoltaic, energy storage and load-flexible electric vehicle infrastructure installations
  - Energy Resilience Program
    - SoCalREN requested ~\$5,800,000 for program years 2022–2023
    - To provide DER services not currently available to SoCalREN enrolled public agencies, with a focus on energy efficiency, solar PV + stationary electric storage, all with demand flexibility, through a variety of streamlined project contracting paths, such as Energy Service Companies (ESCOs) and Power Purchase Agreements (PPAs)
  - Demand Response Enablement and Enrollment Program
    - SoCalREN requested ~\$4,000,000 for program years 2022–2023
    - To engage the public sector on load management actions through DR

enrollment referrals and to empower public agencies to engage their communities on peak load reduction actions through a DR educational campaign.

- School Intelligent Load Management (SILM) Program
  - SoCalREN requested ~\$2,300,00 for program years 2022–2023
  - To implement a school program that incorporates traditional EE strategies and retrofits using normalized meter energy consumption (NMEC) methodology with DR strategies recommended through SoCalREN’s proposed Demand Response Enablement and Enrollment Program.
- Water and Wastewater Intelligent Load Control Program
  - SoCalREN requested ~\$4,500,000 for program years 2022–2023
  - To implement immediate and persistent load reductions through strategic load management strategies.
- Food Desert Energy Equity Program
  - SoCalREN requested ~\$5,300,000 for program years 2022–2023
  - To expand the Healthy Stores Refrigeration Program to replace inefficient refrigeration units in food banks, convenience stores, and small restaurants
  - The Program will also leverage utility small business direct install programs that will additionally target ENERGY STAR® certified lighting and HVAC upgrades and controls to achieve additional peak demand and energy savings.
- Policy Proposals
  - Allow technical assistance and incentives for DER measures in EE programs.
  - Re-introduce expired workpapers in the public sector even if below code, Industry Standard Practice (ISP), and/or outside of NMEC programs.
  - Allow NMEC in non-building public sector facilities
  - Set strict timeframes for project reviews by PAs to accelerate energy efficiency projects
  - Value solar at retail rates
  - Impose a moratorium on NEM rate changes for two years

Recent Development	Impact to LG/ Constituents Served
<ul style="list-style-type: none"> <li>● Amended <a href="#">Scoping Memo and Ruling</a></li> </ul>	<ul style="list-style-type: none"> <li>● Sets development schedule of <a href="#">Microgrid Incentive Program</a> and multi-property tariff</li> </ul>
<ul style="list-style-type: none"> <li>● <a href="#">Ruling</a> requesting proposals to address Governor’s <a href="#">proclamation of a state of emergency</a></li> </ul>	<ul style="list-style-type: none"> <li>● SCR requested \$22m for SCR regional microgrid incentive pilot program</li> </ul>

<ul style="list-style-type: none"> <li>• <a href="#">Microgrid Incentive Program (MIP)</a> Workshops</li> </ul>	<ul style="list-style-type: none"> <li>• Developing process for MIP</li> <li>• \$200m statewide for 10 projects per IOU territory</li> </ul>
<ul style="list-style-type: none"> <li>• CPUC – <a href="#">Resiliency and Microgrid Working Group</a> meetings</li> </ul>	<ul style="list-style-type: none"> <li>• Facilitating discussions to support resiliency efforts and commercialization of microgrids</li> </ul>

- Next Steps:
  - CPUC to issue decision on proclamation proposals by November
  - Parties to review draft Joint IOU MIP implementation plan in Q4
  - Multi-property microgrid tariff development to begin in Q4
- Targeted measures:
  - Solar PV
  - Battery storage
  - Thermal storage
  - Demand flexibility enablement (building controls, sensors, energy management systems)
  - Risk-based control logic for dynamic load control via the LBNL FlexAssist platform
- The Regional Microgrid Incentive Pilot Program Objectives:
  - Support design of clean microgrids with demand flexibility to provide grid benefits while also reserving resources to power critical systems
  - Accelerate the installation of clean microgrids at public facilities that can continue to provide critical community services during an outage
  - Accelerate the installation of public sector demand flexibility controls, and solar + storage projects
  - Increase public agency sites participating in current available microgrid programs (i.e., SGIP) and develop public agency capacity and expertise in the value of Grid-Interactive Efficient Buildings (GEBs)
  - Increase the ability of public agencies to meet local, regional, and state Microgrid and resiliency energy goals

Program	Annual Solar Production	Peak Demand Reduction (4:00 p.m.-9:00 p.m.)	Storage Capacity	Project Cost	Requested Funds
Regional Microgrid Incentive Pilot Program	4,170,000 kWh	9.7 MW	23.2 MWh	-----	\$22,780,000

Track	Event	Date
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Track 1: Existing CAEATFA CHEEF Programs	<ul style="list-style-type: none"> <li>• <a href="#">D.21-08-006</a> released</li> </ul>	August
Track 2: Scaling Financing Programs	<ul style="list-style-type: none"> <li>• <a href="#">Final Report</a> on existing IOU financing programs released</li> </ul>	June
	<ul style="list-style-type: none"> <li>• Workshop on expanding existing programs</li> </ul>	TBD
	<ul style="list-style-type: none"> <li>• Ruling on metrics and strategies to align offerings with state clean energy goals</li> </ul>	TBD
Track 3: New Financing Program Proposals	<ul style="list-style-type: none"> <li>• AC Ruling seeking new proposals</li> </ul>	TBD

- Per [Ruling](#), Track 2 & Track 3 schedule have been suspended until a future ruling is released

Track/Event	Date
<a href="#">QIR</a> to modernize the grid for a high DER future	June 2021
CPUC to issue Scoping Memo and Ruling	Q4 2021
Track 1: Distribution System Operator Roles and Responsibilities	Kickoff Q1 2022



Track 2: Distribution Planning, Community Engagement, and DER Integration	Kickoff Q2 2022
Track 3: Smart Inverter Operationalization, Grid Modernization, and GRC Alignment	Kickoff Q1 2022

- R.20-05-003 - Integrated Resource Planning
  - [Ruling](#) seeking comments on proposed preferred system plan (8/17)
  - R.14-10-003 - IDER
  - Major 2022 Avoided Cost Calculator (ACC) Update
- CPA's Clean Back-Up Power Essential Facilities (Ted Flanigan, EcoMotion, Guest Speaker)
  - New program name: CPA's Power Ready Program
  - Project Goals
    - Provide CPA member agencies w/ resilience project at no additional cost w/ community benefits while providing demand response to CPA
  - Program Design
    - No-cost systems
    - Member agencies pay normal monthly utility price
    - Member agencies get energy-resilient sites
  - Nominating "Ideal Sites"
    - Agencies identify up to five sites
    - Site assessments for financial and community benefits
  - Site Assessments
    - Solar potential
    - Roff age and condition
    - Storage location
    - Identification of critical loads
    - Review of electrical switchgear and infrastructure
  - Current Status
    - 15+ sites in current portfolio; 7-8 sites in final process
    - Expect to release RFPs by year end
  - Questions?
    - Sumire Grant (GCCOG): Is Whittier, Hawaiian Gardens and/or Paramount also involved?
      - Ted: Yes, Whittier and Hawaiian Gardens are CPA member agencies and are involved. We are also working with Minh Le (County of Los Angeles) on a facility in Paramount as part of LA County.

- Lujana Medina (County of Los Angeles): So the program offers direct benefits to the agency at no-cost?
  - Ted: Yes, we would install everything at no cost to the agency. This is a great benefit for smaller cities with limited resources to engage in these activities.
  - Minh Le (County of Los Angeles): Even though an agency like ours has the resources, there are still benefits to leveraging these types of programs -- to access the expertise, etc. Of course, it could be more attractive financially if an agency can finance on their own.
- Craig Perkins (TEC): We are currently seeing supply chain distribution and delays. Is that a concern with these types of microgrid projects as well?
  - Ted: Good question, I am concerned. Not so much on the solar side but on the storage side. I think this is just part of the messy transition to our clean energy future. The demand is there so the market is going to eventually catch up.
- Laurel Rothschild (TEC): As a follow-up to that question, what is the current timeline for these projects to be online?
  - Ted: We hope to get the RFPs out in the fall and then we would move into the design phase with the hope that all projects will be built in 2022.
- SoCalREN Advisory Committee Updates
  - Resiliency Working Group (Lujana Medina, County of Los Angeles)
    - Actively tracking the Microgrid Proceeding
    - Restarting regular calls this month
    - Focus on participating or launching a [Microgrid Incentive Program \(MIP\)](#)
      - 10 projects targeted for SCE territory
    - SoCalREN will participate in Public Meetings to help structure the program and advocate for SoCalREN public agencies
  - MIP Key Upcoming WG Activities & Timeline (Lujana Medina, County of Los Angeles)
    - [R.19-09-009 – Microgrid Resiliency Proceeding](#)
      - Recent Decision approved \$200 million statewide for MIP
        - Joint IOU Implementation Plan (IP) due October 4th, 2021
        - 10 microgrid projects per electric IOU territory
        - \$15m per project cap
        - Single customer projects are excluded
        - *We will be providing draft comments and seeking feedback from WG – IOU IP comments due Oct 24, 2021*
      - Emergency Ruling
        - We will be submitting Reply Comments
        - Seeking WG feedback on proposed Reply Comments – due on Oct 1

- *Doodle poll out for ad-hoc WG meeting*
  - General updates (Laurel Rothschild, TEC)
    - SoCalREN Podcast and Social Media
      - New SoCalREN Podcast!
        - The fourth episode of ReEnergizing Communities was recently posted!
        - Currently available on [Spotify](#) and [Apple Podcasts](#) platforms
      - Don't forget to follow us on social media
        - [Facebook](#)
        - [LinkedIn](#)
        - [Twitter](#)
        - [Instagram](#)
    - [Online Resource for Advisory Committee Members](#)
    - 2021 Meeting Schedule
      - Proposed dates
        - Q1 04-07-2021
        - Q2 07-14-2021
        - Q3 09-22-2021
        - Q4 12-15-2021
    - Please complete the [Q3 Meeting Survey](#) (ACTION ITEM)
    - Note that the Advisory Committee is currently looking for new members
    - If you have anyone you would like to nominate from underrepresented jurisdictions, please reach out to Laurel Rothschild at TEC (ACTION ITEM)
  - Closing Remarks (Minh Le, County of Los Angeles)
    - Thank you all for joining us today and for the great discussion
    - There is a lot going on as you can tell
    - Let's continue to build SoCalREN's credibility and lead the way!
  - Adjourn
    - The 2021 Q3 Advisory Committee Meeting was adjourned