Full CAEECC Quarterly Meeting #43

Hosted by the California Energy Efficiency Coordinating Committee (CAEECC)

Meeting Date: 9/17/24

Locations: San Francisco CPUC office, Los Angeles CPUC office, and virtual

Last updated 9/16/24

00

Breakfast & Mingle

For in-person participants

CAEECC Meeting will begin promptly at 9:20am

Virtual attendees will be in the waiting room until 9:20am

In-Person Attendees: Pre-order lunch delivery now!

Lunch break is only 45min

A Few **Los Angeles** Options

Order delivery to **320 W 4th Street** (Security will hold the food for you on the first floor)

- A. Ghost Sando Shop (W)
- B. Knead Pasta (W)
- C. Guisados (D)
- D. Yuko Kitchen (*U*, *W*)
- E. Mighty Bowl (W)
- F. Mendocino Farms (D, U)

A Few **San Francisco** Options

Order delivery to **505 Van Ness Ave** (the CPUC Front Desk will hold the food for you)

- A. Outta Sight Pizza (D, U)
- B. Dragoneats (W)
- C. The Bird (*D*, *U*)
- D. Papito Hayes (D, U)
- E. RT Rotisserie (D, W)
- F. Lers Ros Thai (D, U)

Available for pre-order delivery on: D (Doordash), U (Uber Eats), W (Website)

01

Welcome & Intros

Agenda

Meeting Goals

Housekeeping

Welcome!

Virtual Crew:

Suhaila Sikand to read out attendee list



Los Angeles Crew:

Katie Abrams to read out attendee list



San Francisco Crew:

Michelle Vigen Ralston to read out attendee list



Welcome!

View Details in Agenda Document

9:00 Breakfast & Mingle for In-Person Attendees	O5 12:45 Community Engagement Indicators
9:20 Welcome & Intros	06 1:10 Prospective Member Intros
9:30 CAEECC Business Items	1:20 Main Assembly Wrap Up
03 10:05 Working Group Update	08 1:45 Adjournment
break 10:45 Hot Topic Discussion	break 2:00 Executive Session

brea

Meeting Goals

Discuss Hot Topic

Ensuring CPUC EE Policies Support Electrification

Conduct Business Items

Including welcoming a new Program Administrator; Planning; and Groundrules

Vote on New Interim
Members

During Executive Session for Members only

00: Introductions | Housekeeping

How to Participate

Dual Location How To

- A. 3 Emcees:
 - 1. **Virtual** (Suhaila Sikand); **SF** (Michelle Vigen Ralston); **LA** (Katie Abrams)
 - 2. We'll rotate which location speaks first
- B. Use chat <u>only</u> for meeting tech issues not substantive comments
- C. To speak
 - 1. Raise your hand
 - 2. Introduce yourself before speaking (i.e. I'm Suhaila Sikand representing Common Spark Consulting dialing in Virtually. My question is....)
 - 3. In person stand near a stationary mics (no handhelds)
- D. No side conversations they will be heard online

How the Public Can Participate

There are 3 dedicated Public input opportunities as indicated on the agenda:

- CAEECC Business Items, Options and Clarifying Questions for CAEECC-member Decision Making Process, Slides 25-33
- 2. Working Group Updates, **Compensation Pilot Final Evaluation Report**, Slides 37-67
- 3. Main Assembly Wrap Up, **2025 Workplan**, Slide 96

During the dedicated Public Input times, the Public may participate by 1) using the chat or 2) raising their hand to speak



Public comments may be for up to 2min unless otherwise specified. A Zoom Timer will appear at the top right of your zoom window when this begins.

If you have technical issues, please chat Susan Rivo or email Susan@raabassociates.org.

Groundrules

- Attend all meetings (or send designated alternate)
- Do your homework (complete pre-and post-meeting work to ensure productive meetings and that a complete deliverable is finalized)
- Materials are posted 5 days before the meeting
- Propose alternatives if you can't agree with recommendations proponents draft the description and rationale for alternative options/ recommendations

See the Prospectus (Appendix A) for the full list of Groundrules: https://www.caeecc.org/cdei-working-group

Proposed Meeting Norms

- 1. Make space, take space (share the mic).
- 2. Stories shared here stay here; what is learned here leaves here.
- 3. Share your unique perspective: share your unpopular opinion!
- 4. Generative thinking: "yes, and" instead of "yes, but".

- 5. Listen from the "We", speak from the "I".
- 6. Offer what you can; ask for what you need.
- 7. Be inquisitive.
- 8. Assume best intent.
- Be empowered to share impact.

02

CAEECC Business Items

- A. Welcome New PA Members (SDREN)
- B. Planning for Semi-Annual Portfolio Performance Report Reviews
- C. *Discuss 2025 Workplan (to be approved at q4 Full CAEECC mtg)
- D. *Proposal and clarifying questions for voting rules (# members and sectors) (to be voted at a future CAEECC mtg)

^{*}Public Input Opportunity

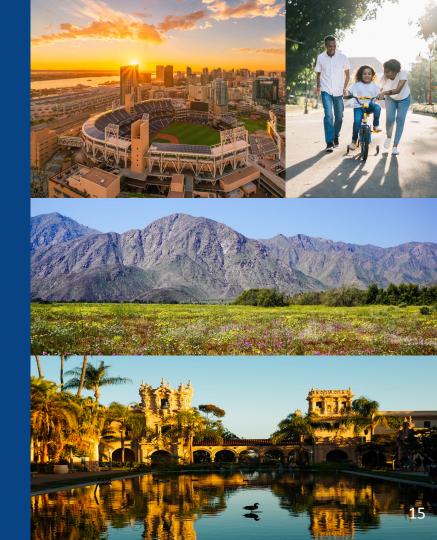
01: CAEECC Business Items

Welcome New Program Administrator Member, San Diego REN

San Diego Regional Energy Network

Presentation to the California Energy Efficiency Coordinating Committee (CAEECC) and other stakeholders

Presented by San Diego Community Power

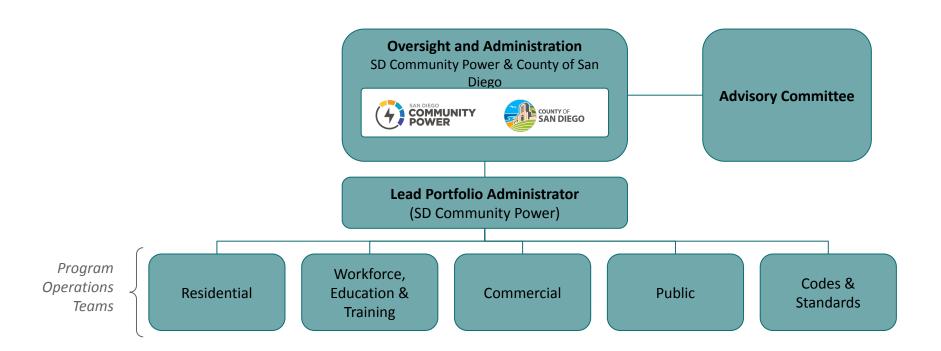


Lead Agencies





Governance Structure



SDREN Service Territory: San Diego County

San Diego County

- 3.3 million people
- 18 incorporated cities
- 18 federally recognized tribes
- 70-miles of coastline
- International border
- High concentration of small businesses



SDREN Contacts and Resources

Sheena Tran
San Diego Community Power
Senior Program Manager
stran@sdcommunitypower.org

Aisha Cissna
San Diego Community Power
Senior Policy Manager
acissna@sdcommunitypower.org

SDREN Application Materials: https://sdcommunitypower.org/programs/ren/

SDREN Presentation to CAEECC on 11/29/2023: https://www.caeecc.org/_files/ugd/849f65_9c326650f3174915a972a6f86dad94c7.pdf



Facilitation Team

Birch Road
Consulting;
Common Spark
Consulting; Raab
Associates;
Gemini Energy
Solutions

Advocates - 4

- California Energy Efficiency + Demand Council
- 2. Natural Resources Defense Council
- 3. Sheet Metal Workers Local 104
- 4. Small Business Utility Advocates

Implementers - 4

- 1. Center for Sustainable Energy
- 2. CodeCycle
- 3. San Joaquin Valley Clean Energy Organization
- 4. The Energy Coalition

Co-Chairs

1 PA: SoCalREN 1 Non-PA: NRDC

Portfolio Administrators (PA) - 11

- Community Choice Aggregators
 MCE and RCEA
- 2. Investor-owned Utilities (4): PG&E, SCE, SDG&E, SoCalGas
- 3. Regional Energy Networks (5): 3CREN, BayREN, I-REN, SoCalREN, and SDREN

Government - 2; Ex-officio - 3

- 1. City of SF Dept of Environment
- 2. Local Government Sustainable Energy Coalition
- 3. California Air Resource Board
- 4. California Public Utilities
 Commission
- 5. California Energy Commission

CAEECC Membership/Voting Structure

01: CAEECC Business Items

Planning for Semi-Annual Portfolio Performance Report Reviews

Semi-Annual PPRR Session - Overview

10/28/2024 9:30 am - 1:30 pm

Fully virtual

Overview:

- Energy Division presentation of progress on savings and budget
- PA presentations (10min each ~ 2hrs)
- Summary of key themes

Semi-Annual PPRR Session - Proposed PA Template

The following is content proposed by Energy Division and Co-Chairs and subject to change. Please send input to Lujuana Medina (limedina@isd.lacounty.gov) and Courtney Owen (Courtney.Owen@icf.com) by 9/20. The facilitation team will send PAs a template by early October [note these instructions were updated 9/16/2024 after slides were posted]

Data Slides

- Summary slide
- Dollars spent towards contracts compared to annual forecast
- # Equity customers served by sector

Narrative slides

- Anything new: same thematic challenges? Anything new or different since May 2024 PPRR session?
- Segmentation justification: template showing segmentation by program + indicators and metrics

Cross-cutting Anticipated Progress

- Monthly progress towards goals: Ideally graph with narrative bullet points
- Pipeline: expectations for where things are headed + year end projections include TSB, GHG, and relevant energy units (e.g., lifecycle, net, kWh, therms)

01: CAEECC Business Items

Options and Clarifying Questions for CAEECC-member Decision Making Process

Why We're Reviewing CAEECC-member Decision-Making

Inclusive decision-making requires balanced power distribution The number of
Program
Administrators (PA)
has tripled since
CAEECC was
established

The number of members in various categories varies greatly (e.g., PA, implementer, public interest)

Current Categories of CAEECC-member Decision Making

CAEECC-member Decision Making through CAEECC voting (to be discussed today)

- Major Process Issues
 (e.g., Co-Chairs, Groundrule changes, etc.)
- 2. Discretionary Working Groups(e.g., do we take on a working group or not)
- 3. New Members

CAEECC-member Decision Making without CAEECC voting (not being discussed today)

Substantive Recommendations (e.g., policy proposals)

Secondary Process Issues (e.g., meeting dates, agenda design, etc.)

Current Decision Making - Structure & Criteria

Weight of votes	All members have an equally weighted vote
Categories	Criteria
1. Major Process Issues (e.g., Co-Chairs, Groundrule changes, etc.)	2/3 Members quorum (i.e., members present)
2. Discretionary Working Groups (e.g., do we take on a working group or not)	2/3 Members quorum plus 1/3 all Member organizations plan to participate
3. New Members	3/4 of all Member organizations

CAEECC-member Decision Making Option #1SECTOR-WEIGHTED

Weight of votes	i. IOU PAs – 25% ii. Non-IOU PAs– 25% iii. Implementers – 25% iv. Public Interest Groups– 25%
Categories	Criteria
1. Major Process Issues (e.g., Co-Chairs, Groundrule changes, etc.)	2/3 "sector-weighted" Members quorum
2. Discretionary Working Groups (e.g., do we take on a working group or not)	2/3 "sector-weighted" Members quorum plus still 1/3 all Member organizations plan to participate
3. New Members	3/4 of "sector-weighted" all Member Organizations

CAEECC Membership Structure for CAEECC-member Decision Making Option 1

Facilitation Team

Co-Chairs 1 PA: SoCalREN 1 Non-PA: NRDC

Public Interest Groups - 5

- 1. Government (2): City of SF Dept of Environment & Local Government Sustainable Energy Coalition
- 2. Advocates (3): Natural Resources
 Defense Council, Sheet Metal Workers
 Local 104, Small Business Utility
 Advocates

Implementers/Industry - 5

- California Energy Efficiency + Demand Council
- 2. Center for Sustainable Energy
- 3. CodeCycle
- 4. San Joaquin Valley Clean Energy Organization
- 5. The Energy Coalition

Ex-officio

CPUC CARB CEC

IOU Portfolio Administrators (PA) - 4

- 1. PG&E
- 2. SCE
- 3. SDGE
- 4. SoCalGas

Non-IOU PAs - 7

- Regional Energy Networks (6): 3CREN, BayREN, I-REN, RCEA, SoCalREN, and SDREN
- 2. Community Choice Aggregators (1): MCE

CAEECC-member Decision Making Option #2PA'S NON-VOTING

Weight of votes	i. PA Members have no voteii. All voting members have an equally weighted vote
Categories	Criteria
1. Major Process Issues (e.g., Co-Chairs, Groundrule changes, etc.)	2/3 Members quorum
2. Discretionary Working Groups (e.g., do we take on a working group or not)	2/3 Members quorum plus still 1/3 all Member organizations plan to participate
3. New Members	3/4 of all Member Organizations

CAEECC Membership Structure for CAEECC-member Decision Making Option 2

Facilitation Team

Co-Chairs 1 PA

1 Non-PA

Non-voting Members

- Government: CPUC, CARB, CEC
- IOU PAs: PG&E, SCE, SDG&E, SoCalGas
- REN PAs: 3CREN, BayREN, I-REN,
 RCEA, SoCalREN, and SDREN
- CCA PA: MCE

Public Interest Groups - 5

- Government (2): City of SF Dept of Environment
 Local Government Sustainable Energy
 Coalition
- 2. Advocates (3): Natural Resources Defense Council, Sheet Metal Workers Local 104, Small Business Utility Advocates

Implementers/Industry - 5

- 1. California Energy Efficiency + Demand Council
- 2. Center for Sustainable Energy
- 3. CodeCycle
- 4. San Joaquin Valley Clean Energy Organization
- 5. The Energy Coalition

Next Steps



September 17, 2024

Clarifying questions only/additional options to consider



Early November, 2024

Send out proposal document based on input to date



2025

Q1 2025 – new rules go into effect

Potential Member input pending Q3 discussion (e.g., informal meeting, survey, email facilitators, etc)



September – October 2024

Q4 meeting – discuss and vote on updated voting model



November 13, 2024

Member Input

In-person: raise your hand

Virtual: raise your hand in the virtual room

Public Input

In-person: raise your hand

Virtual: raise your virtual hand

03

Working Group Update

*Compensation Pilot Final Report

*Public Input Opportunity

02: Working Group Updates

Compensation Pilot Final Evaluation Report

The Compensation Pilot was a program to provide funding to eligible Grantees who are historically underrepresented in CAEECC. The Pilot applied only for participation in the Evolving CAEECC **Working Group.** The Final Evaluation Report considers four key questions to evaluate the Pilot and develop recommendations.

Was the amount of funding enough?

What went well?
What were the challenges?
What should the Commission do differently moving forward?

This presentation is not a comprehensive overview of the results of the Compensation Pilot. The full Final Evaluation Report is available on the Meeting Webpage.

02: Working Group Updates | Compensation Pilot Evaluation Report

Key Question #1: Was the amount of funding enough?

Overall, the Pilot supported **Grantees to participate more than** they otherwise would have and benefitted the Working Group. **However, many Grantees indicated** that funding was insufficient.

Grantees were able to participate because of compensation and felt somewhat supported.

Table 11. Pilot Survey #2 & 3: Grantee Enablement by the Pilot			MED	
Thus far, the Compensation Pilot enabled me to participate in the Evolving CAEECC Working Group.	Pilot Survey #2		9	
participate in the Evolving GALLOG Working Group.	Pilot Survey #3			
AVG is the Average and MED is the Median.				

Table 12. Pilot Survey #2 & 3: Grantee Financial Support by the Pilot			MED		
I feel supported financially by the Compensation Pilot for the Evolving CAEECC WG.	Pilot Survey #2				
Fliot for the Evolving CALLOC WG.	Pilot Survey #3				
AVG is the Average and MED is the Median.					

Grantees noted the amount of funding was insufficient.



Not a family-supporting wage (\$150/hour)



Invoicing was too cumbersome to enable participation



Spent more hours on homework or onboarding than supported by the Pilot



Could have provided more value to the Working Group with more funding



Did not meet *all* financial need, but covered most



Did not provide benefits of full-time employment

Budget Spend Summary

Table 10. Amount and Percent of Compensation Budget Used as of September 3, 2024

		Budget Allocation	Actual Expenditure	Percent of Total Actual Spend	Percent of Total Pilot Budget
Pilo	t Administration	\$27,750.00	\$43,668.75	25.1%	23.6%
Tota	al Grantee Payments	\$157,250.00	\$130,310.00	74.9%	70.4%
	Average Grantee Payment	N/A	\$16,288.75	N/A	N/A
	Median Grantee Payment	N/A	\$17,093.75	N/A	N/A
	Minimum Grantee Payment	N/A	\$2,025.00	N/A	N/A
	Maximum Grantee Payment	N/A	\$24,530.00	N/A	N/A
Tota	al Actual Spend	\$185,000.00	\$173,978.75	100%	94.0%
Tota	al Budget Remaining with SoCal	REN	\$11,021.25	N/A	6.0%

02: Working Group Updates | Compensation Pilot Evaluation Report

Key Question #2: What went well?

- The Pilot <u>enabled</u> many historically underrepresented voices to be <u>heard and</u> <u>valued</u> by many Grantees and non-Grantees of the Working Group and CAEECC largely.
- The Pilot <u>lowered</u> several barriers for participation in the Working Group for Grantees.
- The Pilot benefitted the Working Group.

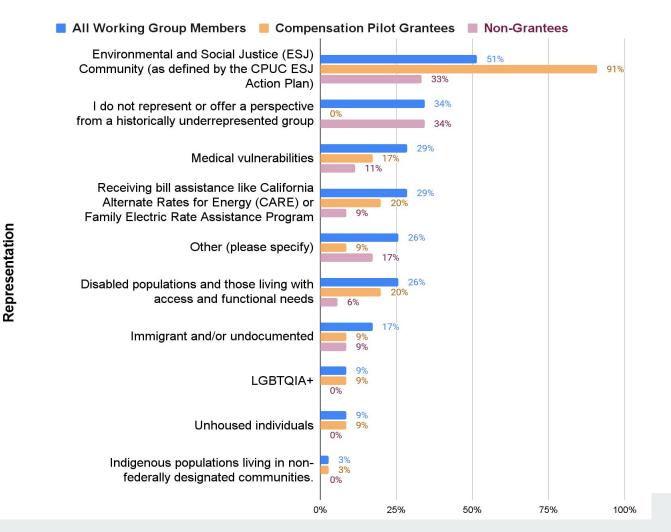


Figure 5. Percentage of Evolving CAEECC Working Group Members and Pilot Grantees Representing Historically Underserved Communities.

Grantees were some of the most active Working Group Members.

Table 8: Completed Assignments / Meeting Attendance from Active Evolving CAEECC Working Group Members and Grantees

		All		ntees
	#	%	#	%
Meeting #1	23/34	68%	9/11	81%
Meeting #2	28/32	90%	10/11	91%
Meeting #3	25/31	81%	9/11	81%
Huddle #1 (Optional)	15/31	48%	7/10	70%
Huddle #2 (Optional)	11/31	35%	7/10	70%
Meeting #4	27/29	93%	9/9	100%
Statement for Full CAEECC 11/29/23 (Optional)	5/29	17%	4/9	40%
Written Reflection due 4/12/24	15/29	52%	7/9	78%
5/15/24 Full CAEECC Meeting (Optional)	14/29	48%	6/9	60%

Many Grantees and Non-Grantees agreed that the Pilot benefitted the Working Group.

Table 13. Pilot Survey #2 & 3: Benefit of the Compensation Pilot (asked to all Evolving CAEECC Working Group members, including Grantees)

		Α	II	Gran	tees
		AVG	MED	AVG	MED
The Evolving CAEECC Working Group benefited from offering a Compensation Pilot.	Pilot Survey #2	•		•	•
Tom offering a compensation rife.	Pilot Survey #3				
AVG is the Average and MED is the Median.					

02: Working Group Updates | Compensation Pilot Evaluation Report

Key Question #3: What were the challenges?

The Pilot faced numerous challenges including (but not limited to):

- lack of clarity
- invoicing/verification
- payout timelines
- invoiceable activities
- additional requests for compensation
- changing Working Group scopes
- funding amount

Lack of Clarity

Table 3: Pilot Survey Responses on Effectiveness and Accuracy of Outreach Communications

Pilot Survey Question		Pilot Survey #1			Pilot Survey #2			‡2	Pilot Survey #3			
		All Grante		antees All		All .	Grantees		All		Grantees	
	AVG	MED	AVG	MED	AVG	MED	AVG	MED	AVG	MED	AVG	MED
The purpose/ intent of the Evolving CAEECC Working Group communicated through outreach prior to the launch of the working group matched the experienced purpose /intent.	•	•	•	•								
The purpose/ intent of the Compensation Pilot communicated through outreach prior to the launch of the Pilot matched the experienced purpose/ intent.	•	•	•	•		•				•		•
AVG is the Average and MED is the Median.												

The invoicing process was burdensome and verification was time-consuming for Grantees and the Pilot Administrator (slide 1/2)

Table 9. Pilot Survey #2 & #3: Grantee Payment Process for the Compensation Pilot

		AVG	MED	
Thus far, invoicing for compensation has been simple, easy, and clear.	Pilot Survey #2		•	
	Pilot Survey #3			
Thus far, receiving compensation has been simple and timely.	Pilot Survey #2		•	
mas been simple and timely.	Pilot Survey #3			
AVG is the Average and MED is the Median.				

The invoicing process was burdensome and verification was time-consuming for Grantees and the Pilot Administrator (slide 2/2)



Invoicing was complicated - Admin included remaining budgets, which took time to communicate.



The invoice form was counterintuitive - Admin couldn't modify without using significant Admin resources



Invoices submitted by Grantees sometimes had incorrect math - Admin triple-checked invoices when Grantee invoice summation was wrong



Some Grantees wondered why invoicing was needed - Pilot was designed to be hourly, not a stipend to invoice for prep work



Grantees felt that only a limited set of activities were approved - Admin noted that compensation was only for ECWG only, not outside activities. Other activities needed pre-approval.



Some Grantees felt the payment & verification period was long - Payments were issued within 17-19 days of approved invoice. Admin needed to batch review to optimize costs. Inconsistent Grantee invoices led to longer verification processes.

Additional Requests from Grantees strained Administrator.

Grantees often invoiced for non-pre-approved activities, requiring a back-and-forth between the Pilot Administrator and the Grantee, sometimes even the Pilot Contractor. Each additional request led to much additional administration work.

The report documents all additional requests in detail.

02: Working Group Updates | Compensation Pilot Evaluation Report

Key Question #4: What should the Commission do differently moving forward?

While the considerations and recommendations (the next 10 slides) included in this report are based both on the Pilot Administrator and Grantee experience, referencing Appendix A with Grantee statements is essential to hear directly from Grantees.

1

5

Continue a compensation program for underrepresented voices in regulatory spaces.

6

2

Consider whether invoicing processes are necessary or whether a stipend structure would be more feasible, approachable, and flexible. Take into account the time required for invoicing and verification.

Increase the size of a compensation program to support more eligible underrepresented voices.

Consider who should administer the compensation program. Take into account the perceived bias of compensation program administrators (Pilot Administrator) and the administrators (Facilitator) of activities the program may compensate.

3

Be clear and concrete—using accessible language—to describe the compensation program, its goals, approach, impact, and the roles involved.

7

Host regular informational sessions about the regulatory process, technical topic, historic context, impact, and engagement pathways.

4

Allocate more time to conduct outreach to explain the compensation program's expectations, rules, and parameters. Include helpful information about independent contracting such as tax liability and responsibilities of non-employment.

8

If evaluation is necessary, use third-party evaluators and incorporate direct Grantee experiences through qualitative data.

Continue a compensation program for underrepresented voices in regulatory spaces.

As demonstrated through this Pilot, the Pilot benefitted the Evolving CAEECC Working Group and increased access to the energy efficiency industry and participation in CAEECC broadly.

2

Increase the size of a compensation program to support more eligible underrepresented voices.

Not all eligible applicants were approved under the Pilot due to the limitation of funding for the expected scope. Since the Pilot was a success in its goal to enable historically underrepresented voices to participate in CAEECC (and the California regulatory space), increase the size of compensation programs to support more candidates.

3

Be clear and concrete—using accessible language—to describe the compensation program, its goals, approach, impact, and the roles involved.

Be clear upfront to avoid confusion around the structure of the compensation, including the goal of compensation, how compensation will be distributed (and for what), what the expected impact of the activity for compensation might be, and the roles of each person (Administrator, Grantee, Contractor, Evaluator, etc).

Allocate more time to conduct outreach to explain the compensation program's expectations, rules, and parameters. Include helpful information about independent contracting such as tax liability and responsibilities of non-employment.

Spend more time onboarding prospective Grantees during outreach about what the rules of the compensation program are. Include any resources like a Handbook as well as what it means to be an independent contractor and how to navigate this role (such as tax liability, estimated tax payments, and responsibilities of non-employment).

Consider whether invoicing processes are necessary or whether a stipend structure would be more feasible, approachable, and flexible. Take into account the time required for invoicing and verification.

Weigh whether invoicing will be helpful, flexible, simple, and less burdensome or whether a stipend structure could suffice. Consider how much time invoicing and verification can take as well as what activities may be eligible for compensation.

Consider who should administer the compensation program. Take into account the perceived bias of compensation program administrators (Pilot Administrator) and the administrators (Facilitator) of activities the program may compensate.

Considering that the Facilitation Team and the Pilot Administrator of this Pilot were the same, evaluate whether these roles make sense for future compensation programs.

Host regular informational sessions about the regulatory process, technical topic, historic context, impact, and engagement pathways.

The Commission should host regular informational sessions so that compensation programs do not have to build these onboarding sessions from scratch. This includes information about regulatory processes in California, technical topics (like energy efficiency or evaluation, measurement, and verification), historical context that provide key details for decision-makers and advocates, the anticipated impact of policy/programs/regulation, and engagement pathways.

8

If evaluation is necessary, use third-party evaluators and incorporate direct Grantee experiences through qualitative data.

The Final Evaluation Report includes Appendix A with submitted Grantee reflections and statements about the Compensation Pilot. If evaluation of compensation programs is necessary, use third-party evaluators and include direct Grantee experiences to build a more thorough evaluation.

1

5

Continue a compensation program for underrepresented voices in regulatory spaces.

6

2

Consider whether invoicing processes are necessary or whether a stipend structure would be more feasible, approachable, and flexible. Take into account the time required for invoicing and verification.

Increase the size of a compensation program to support more eligible underrepresented voices.

Consider who should administer the compensation program. Take into account the perceived bias of compensation program administrators (Pilot Administrator) and the administrators (Facilitator) of activities the program may compensate.

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Allocate more time to conduct outreach to explain the compensation program's expectations, rules, and parameters. Include helpful information about independent contracting such as tax liability and responsibilities of non-employment.

8

If evaluation is necessary, use third-party evaluators and incorporate direct Grantee experiences through qualitative data.

Member Input

In-person: raise your hand

Virtual: raise your hand in the virtual room

Public Input

In-person: raise your hand

Virtual: raise your hand in the virtual room

Break (10 min)

a view of what's next on the agenda



04	10:45	Hot Topic Discussion
05	12:45	Community Engagement Indicators
06	1:10	Prospective Member Intros
00		
0/	1:20	Main Assembly Wrap Up

1:45

04

Hot Topic Discussion: Ensuring CPUC EE Policies Support Electrification

Session Goals:

- 1) Level setting/provide context
- Identify challenges and possible solutions - identify opportunities for policy changes
- 3) Discuss possible next steps for continued engagement

Measure updates plus impacts on Total System Benefit (TSB) and electrification goals

Why/What's a "Hot Topic"?

One of CAEECC's purposes is to, through a Portfolio Performance Report Review, 1) identify challenges and opportunities in the EE portfolio, and 2) be a forum for problem solving

o Source: CAEECC 2020 Consensus EE Filing Process Proposal Motion which was adopted in D.23-06-055

Today, we've tee'd up a Hot Topic for CAEECC discussion, based on feedback from CAEECC members and in discussion with Co-Chairs and Energy Division.

Hot Topic Discussion Format

- We'll have a short presentation that provides an overview of the topic/issue, provides an update, raises questions and challenges
- We'll host a discussion to ID any challenges and/or opportunities CAEECC thinks is right to take-up
- At the end, we'll discuss any next steps and opportunities to continue the discussion, deepen problem solving, etc.

Background of Today's Hot Topic

In May 2024, CAEECC hosted Portfolio Performance Report Reviews, where each of the PAs provided a summary of their Annual Portfolio Performance Reports.

The Facilitation Team recorded a number of topics and themes that continued to come up throughout the session, one being how the Total System Benefit (TSB) was impacting the ability to do electrification in the energy efficiency portfolio.

Today, we welcome some speakers from our own membership to kick off the discussion with a short presentation:

- Laurel Rothschild from The Energy Coalition
 - With Tim Olsen and Code Bruder
- Chris Malotte from Southern California Edison
 - With Jessica Lau

Overarching Decarbonization Drivers

CARB/AQMD Zero Emission Appliance Rules Begin (2027-2032+)

Equipment will need to transition to Zero Emission

We are here

Programs need to prime the market for energy transition

- Educate contractors
- Build customer demand
- Work with manufacturers to enhance products
- Affordability is a key concern

Programs need to transition to support equity customers in transition

Programs need to transition from market rate incentives to supporting market adoption

- Make processes easier
- Ensure sufficiently trained workforce
- Technologies are readily available

DECARBONIZE ELECTRICITY ELECTRIFY TRANSPORTATION ELECTRIFY BUILDINGS **USE LOW-CARBON FUELS** NON-ELECTRIC SINK REMAINING CARBON CARBON NEUTRALITY BY 2045

SCE Countdown to 2045 Analysis

2024

2029

2030

2031

2032+

Background & Shift to TSB as PA Target

2024-2027

- Portfolios previously judged against net first year energy savings goals (kWh, kW, Therms)
- IOUs required to hit Total Resource Cost (TRC) threshold, previously for entire portfolio and now for Resource Acquisition segment
- Starting in 2024, goals and targets set based on Total System Benefit (TSB)
- Different factors impact how projects and measures contribute to TSB vs.
 TRC or energy savings
- Programs optimized for TSB promote a different measure mix than programs optimized for TRC or first year energy savings

Total Resource Cost (TRC)

- Key metric in determining cost-effectiveness of programs, measures, and portfolios.
- Equals the sum of the overall benefits (avoided costs) divided by the sum of the utility's total costs and the participant's total costs (costs).

vs. Total System Benefit (TSB)

- Replaces multiple metrics (GWh, MW, MMTherms) with 1 new metric for EE portfolios: Total System Benefit (\$).
- Equals he \$ avoided costs, as calculated by a cost effectiveness calculator used across all of the EE proceeding.

	Key Factors	
Measure cost		
Program cost		
Annual net savings (kWh, therms)		
Load shape/ emissions		
Effective useful life		

Measure Considerations - Reporting

Resource Acquisition program drivers:

- TRC
- TSB (NEWer)
- Outdated program driver: first-year kWh/kW/therms

What impacts these forecasts?

- Bi-annual Avoided Cost Calculator (ACC) updates
- Ongoing eTRM / work paper updates
- Costs (impacts TRC)
 - Program/incentives
 - Customer cost

An Implementer's Perspective



Relevant work

- Currently implementing market support, equity, and resource acquisition programs
- Public sector focus

Not just resource acquisition programs are impacted by electrification measure TSB values!

Electrification Measures Offered

- Unitary heat pump water heaters*
- Central heat pump water heaters
- Packaged heat pump HVACs*
- Split-system heat pump HVACs*

- Electric fryers
- Convection ovens
- Induction stoves
- Heat pump pool heaters

^{*} TEC has direct experience with this measure installed through EE program

TSB & TRC Trends for Electrification Measures

Selected offerings - HPWH Detailed Results by CET AC version

	2022 Avoi	ded C	ost Version	2024 Avoided Cost Version									
Measure Code	TSB	TRC	Therms	TSB	TRC	Therms							
SWWH027-03	\$1,261	.43	954	\$5,482	.70	954							
SWWH028-02	\$2,772	.14	980.2	\$7,486	.24	980.2							

- No change in savings
- Up to 71% increase in TRC
- Up to 334% increase in TSB

Bottom Line: Trending in Right Direction

Many Moving Pieces | Difficult to Navigate | Be Patient

- Electrification measure benefits are increasing
- TSB new and need to see how this plays out
- Recommendation: Run TSB early for 2024 to see new trend
- Topic of interest: Infrastructure costs & potential impacts to TRC
 - Panel optimization (breakers)
 - Full panel upgrades
 - Wiring

The Time to Support Electrification is NOW

Positive trend for TSB alongside policy drivers for decarbonization

Some important considerations for electrification moving forward:

- Stacking opportunities
- Panel capacity & electrical upgrades
- Operations and maintenance
- Contractors workforce readiness
- Project timelines
- Controls & TOU

Policy Considerations

EE Fuel Sub measures should be able to **incentivize beyond Incremental Measure Cost** without negative TRC Impact

- Current reporting allows for this, but it puts the project "upside-down" (i.e. negative participant costs instead of simply \$0)
- Fuel sub has more complexity than like-for-like replacement, therefore the amount that is incentivized should be the amount that helps move the market

EE Fuel Sub's cost effectiveness does not factor in the future cost of decarbonizing natural gas

- ACC values the GHG reduction from avoiding a kWh of electricity usage as avoiding the future cost of procuring a kWh of zero-GHG solar and storage
- The gas side does not equally consider Therm reduction avoiding the cost of future decarbonized Therms (renewable natural gas / hydrogen)

Gas EE incentives cannibalize fuel sub measures

- Uncertainty on Viable Electric Alternative methodology and continued gas EE measures send market signal
- New-to-the-market EE Fuel Sub needs the support of EE programs more than mature gas tech

Uncertain impacts on EE Fuel Sub **NTG and TRC from integrating with outside funding sources** hinders stacking

- There is an opportunity to stack incentives to maximize EE Fuel Sub participation, but uncertain if possible NTG reduction
- Programs that need to be cost-effective will likely not take the risk of stacking incentives

Current rules prevent EE for **fuel switching** (i.e. unregulated fuel (wood, propane) to regulated fuel)

- D.19-08-009 notes that fuel switching is not covered in the decision, points to Building Decarb Rulemaking (R.19-01-011)
- Limits the ability to offer electrification measures where heating is done through wood/propane

Member Q&A + Discussion

To facilitate discussion in 3 forums, we'll be asking a point person in each Meeting Location to capture a queue. We'll rotate through the Meeting Locations, perhaps multiple times as queues continue to fill.

- 1. Los Angeles (Lujuana)
- 2. Virtual (Suhaila)
- 3. San Francisco (Lara/Michelle)

We know this may make it difficult to dialogue and build upon one another's comments (it is OK to refer back to a comment made a while ago). We appreciate your patience.

Possible Next Steps

How do we want to continue this conversation?

- Additional discussion time at a future meeting?
- Subgroup or work group?
- Other action?
- Or, this discussion was great for now!

Enjoy 45 minutes for Lunch!!

Forgot to pre-order delivery? Here's a few close-by options you can order ahead for pickup quickly

- A Few Close **Los Angeles** Options
- A. DTLA Cheese Superette
- B. Ghost Sando Shop

- A Few Close **San Francisco** Options
- A. Outta Sight Pizza (by the slice)
- B. Dragoneats

05

Community Engagement Indicators

Presentation on background and context

CAEECC Member Discussion

Vote on one of five approaches

Background/Context

The Equity Metrics Working Group (2021) ended in deliberations of whether Community Engagement should be an indicator or a principle.

<u>D.23-06-055</u> requires PAs to include agreed-upon and widely supported **community engagement indicators** in their mid-cycle advice letters due 9/1/2025. The Commission suggested but **did not** require CAEECC takes on these issues.

At the <u>11/29/23 Full CAEECC Quarterly Meeting</u>, **CAEECC Members voted to address Community Engagement Indicators (CEI)** *after the 2023-2024 Equity & Market Support Working Group (EMSWG) convened*. EMSWG declined to address this as part of their scope.

At today's 9/17/2024 meeting we're asking CAEECC Members to vote on one of 5 options for how to proceed.

Reference Slide 1/2 - Decision Language (D.23-06-055) - slide 1 of 2

The Decision requests that CAEECC EMWG develop recommendations

 CAEECC's involvement was not "ordered" in OP24, but gave CAEECC the discretion to take this task up or not. But if accepted, the body of the Decision includes expectations for CAEECC and PAs on a deliverable and how it will be used

The Decision requires PAs include agreed-upon indicators in mid-cycle advice letters due Sept 1, 2025. Include non-consensus indicators that have widespread support.

 PAs under OP24 "shall develop indicators to measure community engagement, and should include them in their Mid-Cycle advice letters in 2025."

Reference Slide 2/2 - Decision Language

(D.23-06-055)

CPUC's expectations from <u>D.23-06-055</u>

- Indicators are expected to be quantitative and qualitative
- Design should engage ESJ communities and CBOs directly
- Indicators should gauge the quantity and quality of engagement with the ESJ communities and CBOs + outreach activities, to ensure accountability of the equity segment of the portfolio
- Track activity and outcome-based results
- Quality and relevance of community engagements, not just quantity
- Not be oversimplified to allow summation across different engagement methods for different target audiences, since an indicator should provide context of who was engaged and how they were engaged.

What would further work on CEI be?

Work on this subject would further develop the indicators and measurement approaches for community engagement included in the 2021 Equity Metrics WG (EMWG) Final Report Appendix B.

Expected Impact of the work:

Consensus and widely supported items will be incorporated into PA mid-cycle advice letters. The measurements would be implemented by PAs to assess their current program outreach processes

How does CAEECC want to proceed?

CAEECC-hosted ESJ

Panel only. Panel includes ESJ/CBO reps to speak generally on program engagement. Deliverable: meeting summary.

CAEECC Task Force

only. This would include ESJ/CBOs reps* in membership. Deliverable: recommendations.

Decline all options

Table discussion til 04



CAEECC-hosted ESJ Panel + **CAEECC Task Force***

(Option 1 + 2 combo)



* ESJ and CBO representatives would need familiarity with the equity indicators and role of indicators in the EE portfolio.



Fulfills CPUC's invitation for CAEECC recs in D.23-06-055 91

Member Input

In-person: raise your hand

Virtual: raise your hand in the virtual room

Because CAEECC has heard public input several times in prior CAEECC Meetings and due to time constraints, we will only be focusing on CAEECC Member input

06

Prospective Interim New Member Introductions

Please introduce yourselves and let us know **why** your organization would like to be a CAEECC Member

- 1. Wildan
- 2. Frontier Energy
- 3. Lifers Leaving a Legacy
- 4. Greenbank Associates

2min introduction + 1min questions from Members

07

Main Assembly Wrap Up

Brainstorm Q4 topics

*Discuss 2025 Workplan

Meeting Evaluations

*Public Input Opportunity

Proposed Q4 Full CAEECC Meeting Topics

- Welcome new interim CAEECC members
- 2. Discuss, finalize and approve 2025 Workplan
- 3. Discuss and aim to vote on decision making/voting changes
- 4. DEI training update, TBD
- 5. Co-Chair Vote (nominations due 11/6)
- 6. Hot topic for discussion
 - a. Demographic participation data (ED provides context; member discussion on data challenges, benefits, and where it is housed)
 - b. Goals (PA update on compliance w/ CPUC Decision; member and public input)
- 7. Optional Assembly Topics
 - a. Avoided Cost Calculator updates (ED presentation)
- 8. Other topics?

2025 Proposed Work Plan - High-Level

Full CAEECC Meetings

Relevant & timely topics, may include:

- Working Group updates
- CAEECC approved ad hoc topics
- Annual and Semi Annual Portfolio Performance Report Review
- Consideration of ECWG recommendations
- Etc.

Working Groups (WG)

To Be Determined based on

- 1) today's discussion on Community Engagement Indicators,
- 2) today's hot topic discussion,
- 3) possible topics stemming from semi-annual PPRR

Other Activities: ??

Member Input

In-person: raise your hand

Virtual: raise your hand in the virtual room

Public Input

In-person: raise your hand

Virtual: raise your hand in the virtual room

Next Steps (tbd based on today's meeting)

- Semi-Annual Portfolio Performance Report Reviews: tbd
- CAEECC-Member Decision Making Process: tbd
- Hot Topic Discussion (Ensuring CPUC EE Policies Support Electrification): tbd
- Community Engagement Indicators: tbd
- Prospective Interim New Members: vote results will be announced soon
- Q4 meeting:
 - co-chair nominations due 11/4
 - SF or SF+LA (and virtual of course)?
- 2025 Workplan: discussion and finalization at q4 mtg
- Other next steps?

PA Solicitations are included in the Appendix. Please email the contacts provided for any questions regarding them.

05/15/2024 Meeting Evaluation Scores

Evaluation Question Summaries	Avg.
Objectives of the meeting were accomplished.	4.6
Presentations and background documents were clear and helpful.	4.4
This meeting was an inclusive and trusting environment.	4.2
The facilitators were effective in running the meeting.	4.3
Overall, the meeting format was smooth and effective.	4.8
Overall, this Full CAEECC meeting was successful.	4.3

Scores are 1-6 scale, where 1 is "strongly disagree" and 6 is "strongly agree"; and 3.5 is mid-point of 1-6 scale

Scores based on responses from 12 members and 6 stakeholders

Facilitation Team and Co-Chairs reviewed and debriefed comments from respondents

This Meeting Evaluations

CAEECC Members are required by Groundrules to complete each Meeting Evaluation.

Members of the Public are encouraged to complete the evaluations.



Evaluations will be sent by CAEECC Facilitator



Complete evaluations **today** and latest by September 24, 2024 COB

Meeting Goals

Discuss Hot Topic

Ensuring CPUC EE Policies Support Electrification

Conduct Business Items

Including welcoming a new Program Administrator; Planning; and Groundrules

Vote on New Interim
Members

During Executive Session for Members only

Live Meeting Evaluation, how'd we do?

Do you feel this was an inclusive and trusting (i/t) environment?

Not at all i/t Very i/t

Do you feel the meeting was effective?

Not at all effective Very effective

What worked well? How can we improve?

THANK YOU!

The next **CAEECC Meeting is November 13**, 2024 - in San Francisco and virtual (possibly also Los Angeles depending on today's experience)

The Semi-Annual Portfolio Performance Report Review Session is October 28, 2024 - fully virtual

<u>CAEECC Members, please stay for the mandatory Executive</u> <u>Session starting at 2pm.</u>

Appendix

Program Administrator Solicitation Updates

PG&E 2023 – 2025 Solicitation Schedule

Year 2023											2024												2025						
	Quarter		Q1			Q2			Q3 Q4						Q1			Q2		Q3			Q4			Q1			Q2
	Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Local	C&S Compliance Improvement																												
Statewide	C&S Advocacy - Wave 1 Negotiations																												
Statewide	C&S Advocacy – Wave 2 Negotiations																												
Local	C&S Code Readiness																												
Local	2024 Summer Reliability																												
Local Res & Comm	Zonal Electrification																												
Local Residential	Res. Electrification Equity																												
Local Commercial	Comm. Energy Mgmt. (SEM Expansion)																												
Local Residential	Res. Whole Home Load Management																												
Local Residential	Res. Market Support (Single Point-of-Contact)																												



Recently Approved Advice Letters:

- Codes & Standards Wave 2
- Codes & Standards Code Readiness
- 2024 Summer Reliability
- Zonal Electrification Contract #1

Advice Letters Under Review:

- Zonal Electrification Contract #2
- Residential Electrification Equity

In-flight Negotiations:

- · Residential Whole Home Load Management
- Commercial Energy Management (SEM Expansion)

Terminated Solicitations:

• Residential Market Support (SPOC)

Kicking-off Negotiations:

None

In-flight Solicitations:

• None

Soon to Launch Solicitations:

• TBD

108

SCE Solicitation Timeline





In-flight Negotiations:

- Market Access Program
- Comprehensive Commercial

Kicking off Negotiations:

Residential

Today

AL & IP Development:

- Residential Multifamily
- Industrial

Upcoming Solicitations:

Plug Load Appliances

SCG 2024 Solicitation Schedule

		2024 2025																				
IOU		Q1		Q2				Q3		Q4				Q1		Q2				Q3		
		Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
SoCalGas	Local - Commercial	SEM																				
SoCalGas	Local - All Segments	Innovation Design for EE Activities (Round 1)																				
SoCalGas	Local - All Segments	Innovation Design for EE Activities (Round 2)																				
SoCalGas	Local - All Segments	Innovation Design for EE Activities (Round 3)																				
SoCalGas	Local - All Segments	Market Access Program (MAP)																				

☐ Market Access Program for commercial and residential, a one-stage solicitation.

□The IDEEA 365 is a recurring competitive procurement process. In 2024, SoCalGas plans to release the 3rd

round of IDEEA solicitations, a one-stage solicitation.

For questions, please contact Portfolio Solicitation Lead, Emma Ponco emponco@socalgas.com





SDG&E 2023 – 2025 Solicitation Schedule*

Y	'ear						20	23						2024											2025				
Qu	ıarter		Q1		Q2			Q3			Q4		Q1		Q2		Q3			Q4			Q1			Q 2			
M	onth	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Local Commercial	Groceries, Restaurants, Food Storage																					ī							
Local Commercial	Private Institutions, Healthcare																					÷							
Local Commercial	Lodging																												
Local Commercial	Retail, Offices and Wholesale																					:							
Legend:	Legend:																					7							
RFA	RFA Prep																												
RFA				<u> </u>	<u> </u>	I	I																						

For questions, please contact Laurie Porter, Laurie <LPorter@sdge.com>

^{*}Subject to change, pending any modifications and/or approvals from the Commission related to SDG&E's Energy Efficiency program administration.



RFP Prep

Contract Negotiation

AL (if applicable) + Approval + IP

RFP

3C-REN Solicitation Update

)	/ear				2024			2025												
Qı		Q3			Q4			Q1			Q2		Q3							
М	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Residential	Single Family																			
	Multi Family																			
Commercial	HTR Business NMEC																			
Agricuture	Technical assistance				Develop RFI	RFI	Develop RFP	Develop RFP	RFP	Contract										
Workforce	Instructors																			

Currently Under
Contract
Continous Rectuitment of
Instructors

- <u>The Vendor Information Portal (VIP)</u> allows the public to review opportunities with the County of Ventura:
- Review competitive solicitations.
- Register to receive notices of upcoming events.
- Respond and present offers.
 - espond and present offers.

For questions contact Alejandra.Tellez@ventura.org or

Kelly.Cattanach@ventura.org

https://www.ventura.org/general-services-agency/procurement-home/