California Energy Efficiency Coordinating Committee

Full Quarterly CAEECC Meeting #32

March 10, 2022 9:00am – 1:00pm

Teleconference

Draft Meeting Summary

Facilitators: Dr. Jonathan Raab, Raab Associates & Katie Abrams, SESC

On March 10, 2022, the California Energy Efficiency Coordinating Committee (CAEECC) convened a quarterly meeting of the full CAEECC via WebEx. Over 154 individuals participated, including representatives from 21 CAEECC Member organizations and 105 members of the public. A full list of meeting registrants is provided in Appendix A.

Meeting facilitation was provided by Dr. Jonathan Raab (Raab Associates) and Katie Abrams (SESC). Meeting materials, including presentations, are provided on the CAEECC website here: <https://www.caeecc.org/3-10-22-full-caeecc-mtg>

The PowerPoint presentation used throughout the meeting is available on the CAEECC website (see link above to Meeting Materials, *Combined 3.10.22 Slide Deck,* under “Documents Posted Before the Meeting”).

Following the presentations, key clarifying questions or comments are listed and relevant *responses to questions* are noted in *italics*. Where multiple responses were given, these responses are listed as sub-bullets. Next Steps, at the end of this document, list all next steps discussed at the meeting.

**SESSION 1: Important Updates**

***3rd Party Solicitation Process***

Amri Christianto, SCE provided an update on the investor-owned utility (IOU) third party (3P) solicitation process (see *Combined 3.10.22 Slide Deck, slides 7-11,* posted to the meeting page).

Member Questions and Comments:

* Jenny Berg, BayREN: Are SCE’s solicitations for Market Support and Equity for 2024 program year start?
	+ *Christopher Malotte, SCE: Some start in 2022 (through BBAL approval) and the remainder in 2024*
* Laurel Rothchild, TEC: Will an updated spreadsheet be posted on CAEECC that links to Advice Letters?
	+ *Lara Ettenson, NRDC: Yes the CAEECC facilitation and leadership team will work with you offline to update the webpage.*
* Randy Young, SMW Local 104: Do you have a version with timelines stacked on top, so it’s easier to view?
	+ *Amri: Joint IOU website has a timeline where this data lives*

***Composition, Diversity, Equity & Inclusion Working Group (CDEI WG) Update***

Katie Abrams provided an overview of the CDEI WG and an update on the WG’s progress. See *Combined 3.10.22 Slide Deck, slides 12-16,* posted to the meeting page. There were no questions or feedback.

***CAEECC Facilitator RFP Update***

Bella Shamoun, PG&E, provided an overview of the CAEECC Facilitator RFP contract and schedule (see *Combined 3/10 Slide Deck, slide 17,* posted to the meeting page).

Jenny Berg asked when CAEECC Members will be notified of the new Facilitator, and Bella responded by the end of May 2022.

**SESSION 2: PA Four Year Application/Eight Year Business Plan Filings**

***Segmentation Summary***

Jonathan Raab presented a compilation of the PA’s segmentation budgets (see *Combined 3/10 Slide Deck, slides 22-23,* posted to the meeting page).

Summary of Member Questions and Comments:

* Lujuana Medina, SoCalREN: In defining segmentation, it’s in the eye of the PA to define within the guidelines from the CPUC, but I want stakeholders and Members to look at this summary and try to determine how portfolios are being provided to customers. The table summary doesn’t provide a good picture of accomplishments. We need to understand the definition of how each PA defines each segment.
* Mike Campbell, CalPA: In each of their forthcoming presentations, can each PA provide a rough estimate on contracting pay for performance (where risk is on implementer not PA and ratepayer)?
	+ *BayREN: Our 1 Resource Acquisition program is a pay-for-performance, approx. $18M*
	+ *Jonathan requested PAs address this during their presentations*

***Program Administrator Presentation Summary and Member Questions & Comments***

Jonathan noted the presentation sequence was RENs, MCE, then IOUs.

**3C-REN**

Alejandra Tellez, 3C-REN presented a series of slides on its four-year application/eight-year business plan filings. Slides are available on the CAEECC website (see link above to Meeting Materials, *Combined 3.10.22 Slide Deck,* under “Documents Posted Before the Meeting”).

Summary of Member Questions and Comments:

* Mike Campbell, CalPA: Will you be setting metrics or targets in next two years?
	+ *Setting targets in next 2 years with the metrics we have*
* Lujuana Medina, SoCalREN: How are you allocating your Equity programs to marginalized communities? Are there restrictions or open to all? What parameters will ensure that resources go to Equity?
	+ *Target hard to reach with added incentives, but open to all. RENs have parameters for targeting customers*

**BayREN**

Jenny Berg, BayREN presented a series of slides on its four-year application/eight-year business plan filings. Slides are available on the CAEECC website (see link above to Meeting Materials, *Combined 3.10.22 Slide Deck,* under “Documents Posted Before the Meeting”).

Summary of Member Questions and Comments:

* Lisa Paulo, CPUC: request that presenters note yes/no if their plan includes an element of Strategic Energy Management (SEM)
* Lujuana Medina, SoCalREN: Can you expand on your definition and strategy for Equity?
	+ *Read our definition of Equity, which is expansive – designed to fill gaps in the marketplace. We target those populations and markets, and track through the metrics PAs are required to report on*
* Ted Howard: Regarding pay for performance, when implementer has the choice, to pocket or return savings to customers, how much insight will BayREN have into degree to which implementer is choosing to retain dollar savings vs allocate to customers?
	+ *Jenny offered to connect Ted with the appropriate BayREN program manager offline*

**RCEA on behalf of RuralREN**

Stephen Kullman, Regional Coast Energy Authority (RCEA) presented a series of slides on behalf of RuralREN’s four-year application/eight-year business plan filings. Slides are available on the CAEECC website (see link above to Meeting Materials, *Combined 3.10.22 Slide Deck,* under “Documents Posted Before the Meeting”).

Summary of Member Questions and Comments:

* Mike Campbell, CalPA: Will CCA rules and criteria be applied within RCEA’s territory? Are the same staff working on RCEA and RuralREN?
	+ *RuralREN is a separate entity, where RCEA serves as the lead agency. RCEA is currently an elect to administer PA but will discontinue to focus on its partnership with RuralREN. All partners will operate under REN (not CCA) rules. Staff employed by RCEA working on the REN will continued to be employed by RCEA, but their time spent on the REN will allow for separate timekeeping – so there won’t be overlap on monies spent on behalf of the CCA. RCEA has long been a joint powers authority providing energy efficiency.*

**SoCalREN**

Lujuana Medina, SoCalREN presented a series of slides on its four-year application/eight-year business plan filings. Slides are available on the CAEECC website (see link above to Meeting Materials, *Combined 3.10.22 Slide Deck,* under “Documents Posted Before the Meeting”).

Summary of Member Questions and Comments:

* Ted Howard, SBUA: Appreciate that SoCalREN’s Equity definition would serve HTR, DAC, disadvantaged and vulnerable populations - and reduce or eliminate disparities in the ESJ Action Plan? What are you most concerned about that the ESJ definition does not address?
	+ *There are certain communities being served that are not well familiarized with energy efficiency, such as food banks, cafes, and other small business direct install – due to cost-effectiveness burdens, and lack of measures that contribute to savings, this is an example of a gap we’d like to serve (“bodega”). These customers often have high energy costs (from refrigeration and boiler water heating).*

**MCE**

Alice Havenar-Daughton, MCE presented a series of slides on its four-year application/eight-year business plan plan filings. Slides are available on the CAEECC website (see link above to Meeting Materials, *Combined 3.10.22 Slide Deck,* under “Documents Posted Before the Meeting”).

Summary of Member Questions and Comments:

* Mike Campbell, CalPA: What percent is pay for performance contracting? What are 1-3 of the most important metrics in your application?
	+ *Pay for performance may be counter to goals of Equity, so haven’t emphasized*
	+ *Total system benefits, bill savings to customers, and reduction in barriers in workforce for electrification.*
* Ted Howard, SBUA: How much money goes to customers vs aggregators in Efficiency Marketplace Contracting?
	+ *Not setting requirements for payments passed to customers, but will track and report closely and adjust design as necessary*
* Alex Lantsberg, CEE: Will this be tied into prevailing wage system, specifically for construction? I’m concerned about poor performance and results when CCAs and other PAs provide significant funds to support this work, but leave labor standards in a diffused approach. If rebates are offered for electrification, I believe pre-qualified contractors should be used, with labor and apprenticeship standards.
	+ *MCE promotes multiple career pathways to job seekers in our training systems, and welcome partnerships with organizations offering apprenticeship. MCE has a larger workforce policy that’s broader than this program; there are many projects, some but not all are subject to prevailing wage policies. MCE isn’t paying for projects (customer does), but rather focused on the training. Committed to strong program design and interested in hearing from stakeholders.*

**PG&E**

Ben Brown, PG&E presented a series of slides on its four-year application/eight-year business plan filings. Slides are available on the CAEECC website (see link above to Meeting Materials, *Combined 3.10.22 Slide Deck,* under “Documents Posted Before the Meeting”).

Summary of Member Questions and Comments:

* Mike Campbell, CalPA: On the Zonal program and others, how is this different from activities being pursued from other general rate case activities? Is it an add-on for pipelines serving a small number of buildings that could be cost-effective to retire but would require going all electric?
	+ *Goal is to retire natural gas assets; energy efficiency coordination is key. Focus is on high efficiency electric alternatives to natural gas. We have a role to play in high efficiency electric appliances, but need to clarify roles and responsibilities. Can discuss in greater detail offline.*
* Travis Holtby, CPUC: What additional changes/increases in fuel substitution programs is PGE proposing?
	+ *PG&E can follow up if needed*
* Lisa Paulo, CPUC: Does PG&E plan to the apply the SEM allowances such as NTG of 1 for the commercial SEM program element?
	+ *No*

**SCE**

Ryan Bullard, SCE presented a series of slides on its four-year application/eight-year business plan filings. Slides are available on the CAEECC website (see link above to Meeting Materials, *Combined 3.10.22 Slide Deck,* under “Documents Posted Before the Meeting”).

Summary of Member Questions and Comments:

* Lujuana Medina, SoCalREN: Will Equity and Market Support be performance-based contracts?
	+ *There are many types of pay for performance mechanisms, in short the structure of those contracts will likely look different than Resource Acquisition contracts*
* Mike Campbell, CalPA: What contingency plans does SCE have in the event one of the leading programs runs off track? And what does SCE mean by single stage solicitation?
	+ *There’s an element of being over our TSB goal (cost-effectiveness is an element of contracting) so we have a buffer. If a program is underperforming, then we’d shift to another program. We asked for a single stage solicitation (which is faster than typical two-stage solicitation) because if one major contract goes into default, then a PA will need to quickly be able to shift to a new vendor.*
* Lara Ettenson, NRDC: SCE’s Equity % allocation is low, although we recognize many programs serve Equity demographic but are categorized elsewhere. Request for all IOUs: Provide exhibit and page numbers for equity segment rationale that would address (1) why the funding doesn’t scale over 4 years, (2) why the funding is so low, and (3) if there are any barriers to scaling investment in that segment.
	+ *There was a cap of 30% for Equity, Market Support, and other activities such as C&S. We do scale, which is more visible as $ than %. Direct install program is $15M/year but characterized elsewhere.*
* Ted Howard SBUA: What cost effectiveness tests are you reviewing? Would you consider societal cost testing?
	+ *Primarily focused on TRC and PAC based on regulatory requirements*

**SDG&E**

Jennifer Taylor, SDG&E presented a series of slides on its four-year application/eight-year business plan filings. Slides are available on the CAEECC website (see link above to Meeting Materials, *Combined 3.10.22 Slide Deck,* under “Documents Posted Before the Meeting”).

Summary of Member Questions and Comments:

* Ely Jacobsohn, CPUC: On Application Summary (slide 75), can you elaborate on fluctuations over time?
	+ It’s about solicitation timing and budget refinement over time to meet market needs. In 2024, some programs ramp down. In 2025-2026, more new programs come online and some close.
* Lisa Paulo, CPUC: Does SDG&E plan to apply SEM metrics such as the NTG of 1 for their SEM "elements"?
	+ *Yes for Industrial SEM*
* Fabiola Lao, CSE: Where in SDG&E's Business Plan can we find the specifics on their Equity Segment? As in which Exhibit/attachment and page numbers? These weren't listed on the slides.
	+ *SDG&E: Exhibit 2, chapter 3, page 49.*
	+ *Jonathan Raab: We’ll add page numbers to slides and repost.*

**SoCalGas**

Darren Hanway, SoCalGas presented a series of slides on its four-year application/eight-year business plan filings. Slides are available on the CAEECC website (see link above to Meeting Materials, *Combined 3.10.22 Slide Deck,* under “Documents Posted Before the Meeting”).

Summary of Member Questions and Comments:

* Ted Howard, SBUA: What’s the latest on biogas?
	+ *Have achieved 5% through renewable natural gas (RNG), ramp up to 20% by 2030 through relationships with landfills, waste management, and other partners. Majority of all natural gas vehicle usage is sourced largely from California renewable natural gas, so voluntary tariff will be a connection between energy efficiency and RNG as same type of customers likely to use both. Hydrogen hub supported at state and federal level; energy efficiency plays a critical role.*
* Mike Campbell, CalPA: Can you share more on fugitive gas program? Is it different from activities you’d fund from the general rate case (GRC) vs energy efficiency? Also, what contingency plans does SoCalGas have in place?
	+ *2020 CEC study (see Business Plan Exhibit 1), identifies 50% of fugitive emissions of uncombusted emissions at the appliance level, or other issues, coming from 3% of customers (largely food service). Have used O&M funding to engage and outreach and quantify the issue and develop energy efficiency solutions to incentivize customers to upgrade equipment and implement more appropriate maintenance. See Exhibit 1 for more information on GRC vs EE.*
	+ *Regarding contingency plans, we worked closely with forecasting team. We fill the pipeline with cost-effective programs, focusing on vendor and customer partnerships.*
	+ *Regarding pay for performance contracting, all 3P contracts in recent solicitations include a pay for performance element*

***Public input***

* Mark Darden: [Regarding the discussion on MCE’s workforce proposal] customers should be afforded the opportunity to select their preferred contactor and not be subject to a list of utility provided contractors. Although the utility could have a list of vetted contractors, but should not be mandatory for customers to utilize in order to participate in an incentive program.
* Seva, Cascade Energy: For IOUs and CPUC, for TSB calculations, is everyone assuming current net-to-gross (NTG) calculation levels, which is a huge factor in determining TSB? Hundreds of millions are multiplied by a fraction between $0 and $1. Does anyone have any comments on this uncertainty?
	+ *Nils Strindberg, CPUC: NTG is meant to account for free ridership for things with high adoption like low flow showerheads. For emerging things, we’d except higher NTG, so higher percent of savings. This may leave out some potential total savings, but trying to account for program free ridership. NTG ratios are based on evaluation results*
	+ *Erin Brooks, SoCalGas: We used approved NTG ratios in our forecast. In our application testimony we proposed real-time EM&V to provide more accurate forecasts.*
	+ *Rob Bohn, PG&E: First year net goals have been modified, this doesn’t necessarily change in moving to TSB.*
	+ *Cody Rudolph, CPUC: TSB goals are based on net savings.*

**Session 3: Policy Recommendations from PA Filing**

Jonathan Raab presented a PA Policy Recommendations summary slide (slide 95), noting the CAEECC facilitation team consolidated each of the PAs’ policy slides (which are in an appendix of the *Combined 3.10.22 Slide Deck)* intoa series of slides on six categories of PA policy recommendations (slides 96-101).

Summary of Member Questions and Comments on **Tools/Data** PolicyRecommendations

* Jenny Berg, BayREN: As appropriate, can some be addressed at the staff level rather than formal policy?
	+ *Ely Jacobsohn, CPUC: Will take that into consideration, but cannot speak to that now.*
* Ted Howard, SBUA: Support these policy recommendations, curious about details
	+ *Caroline Massad Francis, PG&E: Regarding energy system benefits, these benefits would need to be considered in an appropriate forum (perhaps a successor proceeding). Examples of things that may be appropriate for consideration include locally distributed systems benefits and resiliency support benefits.*

Summary of Member Questions and Comments on **Equity, HTR, and Market Support** PolicyRecommendations

* Ted Howard, SBUA: What’s the update on better defining “underserved” based on the Underserved Working Group?
	+ *Lara Ettenson, NRDC: Didn’t receive enough data to develop a definition, but maybe the Equity definition sufficed (question for PAs?)*
	+ *Jenny Berg, BayREN: The definition of Equity provided in the CPUC Decision was helpful in that it expanded the previously more-narrow scope*
* Ely Jacobsohn, CPUC: Are rural underserved customers currently excluded?
	+ *Stephen Kullmann, RuralREN: Rural meets one of two required criteria*
	+ *Courtney Kalashian, SJVCEO: Focus of this recommendation is expanding geographic criteria*
	+ *Update slide 97 third bullet from “Equity definition” to “HTR definition”*
* Mike Campbell, CalPA: Is the proposal that all rural customers would be categorized as HTR?
	+ *Courtney Kalashian, SJVCEO: Yes because accessibility is a significant challenge*
* Mike Campbell, CalPA: What’s the consequence of not implementing these policies?
	+ *[no responses – Mike said his team would followup with PAs on this]*
* Alison LaBonte, CPUC: Since only SDG&E proposed [CAEECC] re-convening on data collection to establish baselines (4th bullet), have the other PAs figured out how to collect data to inform who is and is not getting served?
	+ *Lujuana Medina, SoCalREN: We emphasized our unique value metrics, and will also collect compliance data. Since PAs didn’t come to consensus on developing a baseline, therefore we cannot set targets. We believe the data is available; it’s the other inputs (like baselines) that need to be formulated.*
	+ *Stephen Gunther, CSE: Targets and baselines weren’t established because there wasn’t established data, so curious about that. Looking for clarification on 4th bullet – what exactly is being proposed?*
		- *Jen Taylor, SDG&E: Proposing metrics are solidified with targets and consistency on methodology and data collection*

Summary of Member Questions and Comments on **Procedural** Policy Recommendations

* Jenny Berg, BayREN: What specific compliance requirements does the final bullet refer to [“sunsetting and modifying of energy efficiency compliance requirements (SCE)”]
	+ *Ryan Bullard, SCE: Appendix of Decisions that SCE believes no longer applies, for example design elements that PAs would be requested to comply with but that would now fall to third parties*
* Mike Campbell, Public Advocates: various clarifying questions, including on the first bullet [de-siloing of EE funding] and on the 5th bullet, what is meant by additional procurement models?
	+ *[no responses]*
* Lisa Paulo, CPUC: Suggest referencing IDSM Appendix of historical CPUC guidance (part of 3P solicitations) in policy recommendations. On 3rd bullet, are non-IOU PAs able to propose IDSM activities?
	+ *Lujuana Medina, SoCalREN: Previous guidance specified IOU PAs for IDSM activities*

Summary of Member Questions and Comments on **Third Party/Solicitation** Policy Recommendations

* Mike Campbell, CalPA: What problem is being solved for in the 3rd bullet [“exempting EE program delivery using utility represented employees from 3P outsourcing requirements”]?
	+ *Erin Brooks, SoCalGas: Energy techs in homes and businesses can do EE upgrades while already in homes and businesses, this would require a policy change*

Summary of Member Questions and Comments on **Statewide & Other** Program Specific Policy Recommendations

* Lisa Paulo, CPUC: On final bullet, why just the public sector? For context, wherever SEM is being recommended, it’s important to recognize rigorous NTG requirements seen in industrial SEM.
	+ *Lujuana Medina, SoCalREN: We proposed two public agency SEMs, but SEMs are currently not available to public agencies*

Summary of Member Questions and Comments on **Gas EE & Fuel Switching** Policy Recommendations

There were no questions or comments from Members.

***Public input***

There were no questions or comments from the Public.

**Wrap Up/ next Steps**

***Discuss approach to April 12th mtg on CDEI WG recommendations***

Katie Abrams presented a series of slides on the April 12th Full CAEECC meeting design and proposed approach (see slides 105-108, at link above to Meeting Materials, *Combined 3.10.22 Slide Deck).* Alison LaBonte, CPUC provided context that the CPUC requested this process information be shared at this meeting, and emphasized that if Members or others have significant questions or concerns, the April 12th meeting will be too late in the process to raise significant objections considering the Working Group was an open process and included many experts in justice, equity, diversity, and inclusion. Jonathan Raab emphasized that it’s unusual for Working Groups to not recommendation making authority, but based on the charge and makeup of WG Members, the Full CAEECC did not delegate that authority to the CDEI.

There were no questions or comments from Members or the Public.

***Business Plan and Application Documents on CAEECC Website***

Lara Ettenson, NRDC noted that she and Susan Rivo are working on posting all PA Business Plan and Application documents. After the meeting, the link was shared with CAEECC Members and meeting participants. The link can be found [**HERE**](https://r20.rs6.net/tn.jsp?f=001XIMnZLEBFjoOdmMxvfv2hAFmZTeqQfubGEs0KjmHp6xMhZTMqL-A_RaMHqEVttQPgDNiiArLGaMBA-lHBSjExdg9fwk46yvg08qh04phVv5KHWlY4kcJuX3BT1tRYSnR1Jj9yOcqt9f39nHMCRopjsReNoh_UNi3B_HEesH88eHemXRSUF4nUMaB1iclKfVg&c=D4fC9uPC31ntpC7tTH1e8dvhYrn0gwXjPejJkAkBdg4YQO2urGvUgg==&ch=K6_e9KlLxHVBOTE7-wxR2Yrn7E82cA4DUbZczwkaz2OvjPfNGupIcA==).

***12.2.21 Meeting Evaluation***

Jonathan Raab summarized the results from the 12/2 full CAEECC evaluation (see *Combined 9/2 Slide Deck, slide 110,* posted to the meeting page). He lost WebEx connectivity, so Jenny Berg, BayREN (co-chair) instructed all Members to fill out the CAEECC Evaluation for today’s meeting, and encouraged other participants to do so as well.

***Next steps are as follows:***

**CAEECC Members:**

Fill out the CAEECC Evaluation of the meeting (as required by our CAEECC groundrules) no later than March 17, 2022 COB

**PAs and IOUs** [note this followup is a compilation of questions posed during the meeting, and was sent to PAs 3/17/2022]

PAs: Given the volume of each filing and the number of filings, see below for additional requests from the 3/10 CAEECC meeting for page numbers to help orient and inform stakeholder and Energy Division review of the applications and business plans (Note: there may be additional follow-ups after the full meeting summary is completed):

**Question 1 for all IOUs:** Provide exhibit and page numbers for **equity segment** rationale that would address (1) why the funding doesn’t scale over 4 years, (2) why the funding is so low, and (3) if there are any barriers to scaling investment in that segment.

**Question 2 for all PAs:** Provide exhibit and page numbers where the applications include information on **communities’ input** as well as any barriers gathering and/or adopting community input.

**Question 3 for all PAs:** Provide exhibit and page numbers for where **contingency plans** are in the application as well as the percentage of **pay for performance** **contracting**.

Responses due to Katie Abrams (**katie@concurinc.net**) by Wednesday 3/23 COB.

**Facilitation Team:**

* **Post revised meeting** slides that show corrected SDG&E slides (to include application page numbers) and Policy recommendation summary (slide 97 changed “Equity definition” to “HTR definition”)
* **CAEECC Website Updates**
	+ Work with Laurel Rothchild, TEC to link 3P Solicitations and Advice Letters
	+ Post all PA Business Plan and Application documents [**HERE**](https://r20.rs6.net/tn.jsp?f=001XIMnZLEBFjoOdmMxvfv2hAFmZTeqQfubGEs0KjmHp6xMhZTMqL-A_RaMHqEVttQPgDNiiArLGaMBA-lHBSjExdg9fwk46yvg08qh04phVv5KHWlY4kcJuX3BT1tRYSnR1Jj9yOcqt9f39nHMCRopjsReNoh_UNi3B_HEesH88eHemXRSUF4nUMaB1iclKfVg&c=D4fC9uPC31ntpC7tTH1e8dvhYrn0gwXjPejJkAkBdg4YQO2urGvUgg==&ch=K6_e9KlLxHVBOTE7-wxR2Yrn7E82cA4DUbZczwkaz2OvjPfNGupIcA==)
* **Meeting Facilitation:**
	+ Develop, post and notice draft meeting summary (this document) to the meeting webpages by March 25, 2022 – note this was extended due to two CDEI WGs the week following the 3/10/2022 meeting
	+ Review and analyze survey evaluations of today’s Full CAEECC meeting for continuous improvement opportunities
	+ Prepare for next Full CAEECC meeting on April 12th– including adding agenda topics based on feedback from today’s meeting

**Appendix A: Meeting Attendees**

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| **3.10.22 Full Quarterly CAEECC Meeting Attendance** |
| **CAEECC Member Representatives, Alternates, & Presenters** |
| **Organization** | **First Name** | **Last Name** |
| 3C-REN | Alejandra  | Tellez |
| 3C-REN | Erica  | Helson |
| BayREN | Jennifer | Berg |
| CalPA | Michael | Campbell |
| CEDMC | Greg | Wikler |
| CEE | Bernie | Kotlier |
| CEE | Alex | Lantsberg |  |  |
| Code Cycle | Dan | Suyeyasu |
| CSE | Fabiola | Lao  |
| CSE | Stephen | Gunther |
| I-REN | Benjamin | Druyon |
| LGSEC | Demian | Hardman-Saldana |
| MCE | Alice | Havenar-Daughton |
| MCE | Jana | Kopyciok-Lande |
| NRDC | Lara | Ettenson |
| PG&E | Bella | Shamoun |
| PG&E | Ben | Brown |
| PG&E | Caroline | Massad Francis  |
| PG&E | Lucy | Morris |
| PG&E | Rob | Bohn |
| RCEA | Aisha  | Cissna |
| RCEA (presenting on behalf of RuralREN) | Stephen  | Kullmann |
| SBUA | Ted  | Howard |
| SCE | Ryan  | Bullard |
| SCE | Amri  | Christianto |
| SCE | Elizabeth  | Gomez |
| SCE | Christopher  | Malotte |
| SDG&E | Elaine  | Allyn |
| SDG&E | Vanessa  | Mapula Garcia |
| SDG&E | Jen | Taylor |
| SJVCEO | Courtney  | Kalashian |
| SMW Local 104 | Randy  | Young |
| SoCalGas | Erin  | Brooks |
| SoCalGas | Sebastian | Garza |
| SoCalGas | Darren  | Hanway |
| SoCalREN | Fernanda | Craig |
| SoCalREN | Lujuana | Medina |
| SoCalREN | Sheena  | Tran |
| The Energy Coalition | Laurel  | Rothschild |
| The Energy Coalition | Marc  | Costa |
| **Ex-Officio** |
| CPUC/Energy Division | Ely  | Jacobsohn |
| CPUC | Jen  | Kalafut |
| CPUC | Alison  | LaBonte  |
| CPUC | Yeshi  | Lemma |
| CPUC | Coby  | Rudolph |
| CPUC/Energy Division | Nils  | Strindberg |
| CPUC | Christie  | Torok |
| CPUC | Peter  | Franzese |
| CPUC | Travis  | Holtby |
| **Other Participants** |
| 2050 Partners | Ted  | Pope |
| 3C-REN | Jordan  | Garbayo |
| AJL Resources | Al | Lutz |
| ARC Alternatives | Andrew  | Meiman |
| Assoc. of Monterey Bay Area Governments | Amaury  | Berteaud |
| Bidgely | Alek  | Antczak |
| Bright Power | Lindsey | Fransen |
| CA Treasurer's Office | Kaylee  | Damico |
| CA Treasurer's Office | Bill  | Heberger |
| Cadmus Group | Brian  | Hedman |
| Cadmus Group | Priya  | Sathe |
| CalPA | Shelly  | Lyser |
| CAPOC | Jamie  | Dadabhoy |
| Cascade Energy | Siva  | Sethuraman |
| CLEAResult | Chad  | Ihrig |
| CLEAResult | Joanne | O'Neill |
| CPUC | Sophie  | Babka |
| CPUC | Brendan  | Burns |
| CPUC | Ali  | Choukeir |
| CPUC | Justin | Galle |
| CPUC | Mia  | Hart |
| CPUC | Jessie  | Levine |
| CPUC | Caryn  | Mandelbaum |
| CPUC | Lisa  | Paulo |
| CPUC | Jason  | Symonds |
| CPUC | Jeorge | Tagnipes |
| Design Lights | Lani  | Malapan |
| Design Lights | Dorene | Maniccia |
| DNV | Nicholas  | Brod |
| DNV | Mark | Darden |
| DNV | Bing  | Guerin |
| DNV | Brady  | McNall |
| DNV | Leo  | Sommaripa |
| Don Arambula Consulting | Don | Arambula |
| Don Arambula Consulting | Frank  | Spasaro |
| Earth Justice | Rebecca  | Barker |
| Earth Justice | Matt | Vespa |
| Energy Resources Integration | Eric  | Noller |
| Enervee | Chris  | Healey |
| Franklin Energy | Jonathan | Budner |
| Franklin Energy | Justin | Kjeldsen |
| Frontier Energy | Nancy  | Barba |
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| SoCalGas | Halley  | Fitzpatrick |
| SoCalGas | Carlo  | Gavina |
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| The Energy Coalition | Craig  | Perkins |
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