California Energy Efficiency Coordinating Committee Meeting #25

Live-Stream Meeting via WebEx

May 14, 2020 9:00-12:15

Facilitators: Dr. Jonathan Raab, Raab Associates, Ltd. & Meredith Cowart, CONCUR

On May 14, 2020, a quarterly meeting of the full CAEECC took place via webinar. Twenty-one Members or Proxies participated and over 90 other attendees also participated. A full list is provided in Appendix A: Participation.

Meeting facilitation was provided by Dr. Jonathan Raab (Raab Associates, Ltd.) and Meredith Cowart (CONCUR Inc.). Meeting materials, including presentations, are provided on the CAEECC website at <https://www.caeecc.org/5-14-20-caeecc>

In this document, discussion is captured without attribution. Presentations are summarized only if the presenter did not use a PowerPoint presentation or if it is not available on the meeting webpage (see link above). Following the presentations, key clarifying questions or comments are listed and relevant *responses to questions* are noted in sub-bullets in *italics*. Where multiple responses were given, these responses are listed as additional sub-bullets. Next Steps, at the end of this document, list all next steps discussed at the meeting.

**Session 1: Introductions**

J. Raab opened the meeting, reviewed the agenda and meeting logistics for this interactive webinar. The agenda is available on the meeting webpage (see link above, *CAEECC Agenda 5-14-20 DRAFT FINAL (5.9.20)* under ““Documents Posted Before the Meeting”).

**Session 2: Important Updates & CAEECC Discussion**

**(1) CAEECC EE Filing Processes Working Group**

J. Raab provided an update on the status of the EE Filing Process Working Group. He stated that the group developed a report with no non-consensus recommendations. The report was filed as a motion with the CPUC by NRDC on April 24, 2020. He noted that the motion recommends new EE filing processes, with a transition to begin in 2026 with significant work to develop and prepare for filings in advance. PAs slated to file new Business Plans before 2026 (e.g., PG&E and SCE) will also follow any new process if approved by the CPUC when filing. The recommendations in the Report are now awaiting a CPUC decision. The final report is available on the meeting webpage (see link above, *EE Filing Process WG Final Report (5-9-20)* under ““Documents Posted Before the Meeting”).

Clarifying Questions on EE Filing Processes WG:

* There were no questions or comments following this update

**(2) Third Party Solicitation Process**

***IOU 3P Solicitation Update – Amri Christianto, SCE***

A. Christianto (SCE) provided an update on the third party (3P) solicitation process on behalf of all four IOUs. This presentation is available on the meeting webpage (see link above, *IOU 3P Solicitation Update (posted 5-7-20)***,** under ““Documents Posted Before the Meeting”).

Clarifying Questions and Comments on IOU 3P Solicitation Update:

* It is important for overlapping PAs to know what 3P programs will be implemented and how we can complement them. Once SCE has finalized contract negotiation, will there be a posting that provides information on those programs?
  + *SCE:* SCE will file an Advice Letter (AL) once contracts have been negotiated. About 60 days after the AL has been approved, the Implementation Plan (IP) will be posted, and we will hold webinars based on that.
* Do we have an opportunity to piggyback on programs through the AL process, or is it just a compliance AL?
  + *SoCalGas*: There is not an opportunity at the AL stage to provide input on program design.
* When will RENs be able to see what grocer retrofit programs will be implemented so that we can know how to complement those programs?
  + SoCalGas is in the RFP stage for the statewide food service solicitation, the details of that contract will be presented as an Advice Letter filed (most likely) in September 2020, to be launched in January 2021.
* Prior SDG&E CAEECC timelines showed a Local/Industrial SEM Elements project in 2020. This program has been missing from the last couple of CAEECC 3P timelines, does this program still exist?
  + SEM is captured under Local Industrial

***Advice Letter Process for 3P Solicitation – Scott Kjorlien, Energy Division***

S. Kjorlien stated that the ED is currently developing a process for ALs related to 3P solicitations, and that he is looking for feedback from the CAEECC on how to bundle/package AL contracts. A single solicitation may have multiple contracts under it, so the ED is considering asking IOUs to bundle those contracts into a single AL for that solicitation. J. Raab stated that the facilitation team will circulate a poll to solicit feedback from the CAEECC on the question of whether and how to bundle AL contracts for 3P solicitations following the meeting.

Comment on AL Process for 3P Solicitation:

* *Public Advocates Office:* We agree with the proposal to group contracts. Also with regards to this process, the Procurement Review Group (PRG) will do our best to make sure that any controversial items are known in advance of the AL filing. We recommend that IOUs check whether there are controversial items and then separate these out in their AL filings.

***3P Solicitation Process – Lara Ettenson, NRDC***

L. Ettenson stated that Elizabeth Lowe (Barakat Consulting, and Independent Evaluator for 3P Solicitation Process) has been coordinating with CPUC, IOU reps, and NRDC to develop recommendations for improving the stakeholder input process. She is developing a proposal which will focus on the overall process design and flow, where the stakeholder group will meet, and the list of potential topics that would be of interest based on the February 7, 2020 CPUC Workshop on the Energy Efficiency 3P Solicitation Process (for more information this workshop see <https://www.caeecc.org/third-party-solicitation-process> under “*February 7, 2020 CPUC Workshop on the Energy Efficiency 3P Solicitation Process*).

**Session 3: Implementation of Existing Portfolio in the Shadow of the Coronavirus**

***Energy Division Response to COVID - Alison LaBonte, ED***

A. LaBonte provided an update on how the ED has been responding to the impacts of COVID:

1. The CPUC held a workshop across all Energy Division programs on April 23, 2020, which included implementers and IOUs and focused on the challenges faced and activities occurring. (A recording of this online workshop is available at: cpuc.ca.gov/covidworkshop/). A recap of this meeting will also be available soon.
2. ED held two meetings with PAs (one with the IOUs and the other with the non-IOU PAs) to better understand how activities have changed due to COVID, challenges faced, and ideas on how to better deal with those challenges. There will be a follow up meeting with the IOUs to discuss the impact of COVID to savings goals next week.
3. Study planning for 2022 and beyond has begun, and this study will now include the impact of COVID, though the methods have not yet been determined.

Comments on ED Response to COVID:

* *NRDC:* With regards to goals, program design, and workforce implications, it will be important to ensure that workers and customers are safe as we transition to re-opening any programs that involve in-person work. We hope the ED can get a transition plan out ahead of this happening.
  + *ED*: Thank you, I will take that comment back to leadership.

***PA COVID Presentations – Jenny Berg, BayREN; Alejandra Tellez, 3C-REN; Alice Havenar-Daughton, MCE, Lujuana Medina, SoCalREN; Tory Weber, SCE; Athena Besa, SDG&E; Erin Brooks, SoCalGas; Ryan Chan, PG&E***

Each of the non-IOU PAs and afterwards each of the IOUs provided presentations detailing their ongoing activities and the impacts of COVID on service delivery, meeting goals, and workforce/EE business. These presentations are available on the meeting webpage - see link above, under “Documents Posted Before the Meeting”:

* *BayREN COVID Presentation (posted 5-8-20)*
* *COVID Tables 3C-REN and MCE (posted 5-12-20)*
* *SoCalREN COVID Presentation (posted 5-7-20)*
* *SCE COVID Presentation (posted 5-7-20)*
* *SDGE COVID Presentation (posted 5-7-20)*
* *SoCalGas COVID Presentation (posted 5-7-20)*
* *PG&E COVID Presentation (posted 5-7-20)*

Questions and Comments on IOU and Non-IOU PA COVID Presentations:

* Covid-19 seems to be impacting Disadvantaged Communities (DACs) more. Are there specific program implementation issues in DACs that RENs are tailoring your solutions to address?
  + *SoCalREN:* All SoCalREN programs have an element of DAC emphasis (interventions that assist this primary segment). I can provide some follow up slides to CAEECC if that would be helpful.
  + *3C-REN:* It is correct that the expected economic impacts are having a real effect on DACs. We will most likely see ratepayers not being able to make the financial investments to take on higher energy saving projects. One solution is higher incentives and rebates while keeping in mind cost effectiveness
* How can online classes effectively provide proper training to the workforce? Are there any hands-on practical trainings being provided?
  + *PG&E*: About 90% of our classes were already offered in person and over webcast or on-demand learning, so now these are being delivered only through webcast. Some hands-on programs are not continuing right now.
  + *BayREN*: We see this time as chance to educate our workforce. There is a lot of learning that can happen online, and this is an opportunity for contractors to better their skills.

##### **CEDMC COVID Presentation – Serj Berelson, CEDMC**

##### S. Berelson provided a presentation on the impacts of COVID on implementers, including recommendations for addressing these challenges. This presentation is available on the meeting webpage (see link above, *CEDMC Covid Presentation (posted 5-6-20),* under “Documents Posted After the Meeting”).

Questions and Comments on CEDMC COVID Presentation:

* You noted a concern that the workforce may move to other states – is that realistic given that industry is facing the same challenges across the nation?
  + True, but not all states are addressing this situation in the same way, so we need to consider this possibility.
* You also mentioned that IOUs have paused program implementation despite approved funding, is this because of diminished demand (e.g. restaurants wondering if they will be reopening, schools facing massive budget cuts)?
  + Yes, all of this and more. The fact that there is approved funding doesn’t mean that the work can always go forward.
  + *LGSEC*: We're waiting for the Governor's May budget revision. Current Legislative Analyst’s Office and Department of Finance estimates suggest budget cuts in the 20% range. Staffing costs usually account for 82-85% of total costs. The budget cuts range from bad to catastrophic. We are moving projects forward with 0% financing options that are shown to be revenue positive when accounting for a utility cost escalation rate of 3%.
* What are your members doing now to prepare for the near-term transition – living with COVID without a vaccine?
  + We have an extremely diverse membership and there are a wide range of new practices being developed. Behavioral programs can be delivered now, and there is an increased focus on that. Implementers and installers are now competing with other organizations to get the personal protective equipment needed to get back in the field.
* CEDMC already presented a lot of these ideas to the CPUC through their April 2, 2020 letter to President Batjer and Commissioner Randolph as well as at the CPUC April 23, 2020 workshop (for a recording of this workshop, and meeting materials, see cpuc.ca.gov/covidworkshop/) and Commissioner Randolph responded on April 10, 2020 denying or deferring the issues to be addressed. What is the purpose of repeating them here?
  + Much of our job is beating the drum. These are issues that we’ve been pursuing long before COVID came along. The IOUs have demonstrated creativity and dynamism – so we encourage you to continue to use the brain trust you have to move forward productively.

**Session 4: REN Business Plan Vetting**

***I-REN Business Plan Presentation - Anthony Segura and Casey Dailey, Western Riverside Council of Governments***

A. Segura and C. Dailey of the Western Riverside Council of Governments presented a proposal for an Inland Regional Energy Network (I-REN) which focused on sectors/strategies. The presenters requested feedback from CAEECC. This presentation is available on the meeting webpage (see link above, *IREN Biz Plan Presentation (posted 5-14-20)*, under “Documents Posted Before the Meeting”).

Questions and Comments on I-REN Business Plan Presentation:

* How are you working to deal with overlap with existing programs in this geographic area?
  + We’ve been in regular communication with SCE, SoCalGas and SoCalREN. Our first strategy is to target any areas that haven’t yet been touched, including Hard to Reach, high desert, cities that haven’t yet been engaged, and the Arizona and Nevada borders. If there is overlap, we will ensure through coordinated efforts that there is no duplication of services.
* Do you plan to have a draft Business Plan for review, and when do you plan to file your Business Plan?
  + We intend to submit our Business Plan to CAEECC for review in July or early August 2020 and to file with the CPUC by the end of August 2020.
  + *J. Raab*: Depending on how full the August 2020 CAEECC meeting is, we may need to host a separate meeting for this review.
* *BayREN*: I especially appreciated two aspects of your proposal: (1) Board oversight; and (2) Services to Tribes.
* *A. Segura*: We would be happy to provide our contact information and hold any follow up conversations that might be useful.
  + *J. Raab*: Please resubmit your slides with your contact information included (see link above, *IREN Biz Plan Presentation (posted 5-14-20)*, under “Documents Posted Before the Meeting”). The CAEECC facilitation team will also note your contact information in the meeting summary (this document) (see Next Steps below).

**Session 5: CAEECC 2020 Planning Session**

**Market Transformation Working Group – Part 2**

J. Raab provided an update on the status of the Market Transformation Working Group (MTWG) – Part 2. He noted that the CPUC asked the CAEECC to reconvene the MTWG prior to hiring the Market Transformation Administrator (MTA) in order to further flesh out a series of issues related to potential overlap between A) Market Transformation Initiatives (MTIs) and Resources Acquisition Programs (RAs) B) MTIs that overlap with one another; C) MTIs that overlap with C&S advocacy efforts; and D) Other EE efforts. (For more information, see link above, *MTWG Part 2 Prospectus redline (posted 5-7-20)*,under “Documents Posted Before the Meeting).

C. Torok (Energy Division) then provided background and an update on the status of the MTA solicitation. She stated that the CPUC adopted the MT framework in D.19-12-021 issued December 12, 2019. The CPUC will provide funding separate from the EE portfolio to support an independent statewide MTA entity, which will solicit new ideas, vet them, and put them through the stage gate process. Also, we will be establishing a new scoring committee that will assist the CPUC in selecting the MTA. In the next few months parties will be invited to be part of the scoring committee. The committee will be composed of stakeholders of different types, and each type will have an equal number of votes.

Questions and Comments on C. Torok’s Update on MTA Solicitation:

* Can you please clarify what the potential Conflict of Interest (COI) might be that’s mentioned in the ruling?
  + We don’t expect all bidders to be completely free of COI when bidding, but we expect them to operate conflict-free if they are retained. We also don’t see a conflict with potential bidders being on the MTWG; however, they obviously should not be on the scoring committee.

**MTWG – Part 2: Potential Membership**

J. Raab displayed a PowerPoint slide listing the CAEECC Member organizations which self-identified at the February 27, 2020 Full CAEECC meeting as wanting to participate in the MTWG – Part 2 (see link above, *MTWG and Underserved Membership*, under “Documents Posted After the Meeting). He asked any Members who would like to be added or removed from the potential membership list to email the facilitators. He also asked any organizations that are not CAEECC Members, but would like to participate, to email the facilitators, and noted that the facilitators and Co-Chairs will jointly develop a process for determining which organizations can participate in the Working Group over the next couple of weeks.

The full list of potential MTWG Members as of May 18, 2020 is as follows:

CAEECC Members self-identified at the February 27, 2020 Full CAEECC Meeting:

* PG&E
* Sheetmetal Workers Local 104
* Public Advocates Office
* CodeCycle
* CSE
* CEDMC
* CEE
* SDG&E
* SoCalREN
* The Energy Coalition
* NRDC
* SJVCEO

CAEECC Members added after the May 14, 2020 Full CAEECC Meeting:

* SCE (Kevin Thompson as lead)
* SoCalGas

Non-CAEECC Member Organizations to be considered after the May 14, 2020 Full CAEECC Meeting:

* Resource Innovations (Margie Gardner as lead)
* Energy Solutions

**Underserved (aka Hard to Reach) Working Group – Jenny Berg BayREN and ED**

J. Berg provided a short update on the status of the Underserved Working Group. She noted that at the last Full CAEECC February 27, 2020 Meeting, the CAEECC voted unanimously to take on the issue of “Hard to Reach” in a two-phase process. Subsequently, in discussions with ED, several changes are now being proposed:

* Using the broader term “Underserved in place of “Hard to Reach”.
* Breaking the process into two distinct phases with a check step in between before continuing.
  + The first phase of the process will seek to identify the scope of the problem - this is a data gathering and analysis phase to better determine which customers are being “underserved”. This phase would conclude with recommendations regarding next steps including which forum should be used to develop solutions.
  + The second phase would include the development of those proposed solutions at CAEECC, the CPUC, and/or other appropriate venues.

(For more information, see link above, *Underserved Prospectus (4.30.20),* under “Documents Posted Before the Meeting).

L. Ettenson added that NRDC has identified University of Southern California (USC) students who will likely conduct some of the early data gathering and analysis for this effort, based primarily on CEDARS data with a focus on Residential customers. She noted that we would need to figure out a separate strategy for data gathering and analysis related to underserved in the small and medium commercial sector.

J. Raab asked CAEECC Members whether they agree that it makes sense to work on this effort, and whether the two-phase approach makes sense. One Member responded that she agrees with the effort and the approach. No one disagreed with the effort or approach.

Questions and Comments on Underserved Working Group:

* Could we expand the scope of analysis to include consideration of the greater marginal utility to DACs of receiving energy savings benefits (in other words, the dollar value of energy savings provides a greater overall benefit to those with lower income)?
  + The first data gathering phase will be kept as is, but this question can be returned to in the second phase.

**Underserved WG: Potential Membership**

J. Raab displayed a PowerPoint slide listing the CAEECC Member organizations which self-identified at the February 27, 2020 Full CAEECC meeting as wanting to participate in the Underserved (aka Hard to Reach) WG (see link above, *MTWG and Underserved Membership*, under “Documents Posted After the Meeting). He asked any Members who would like to be added or removed from the potential membership list to email the facilitators. He also asked any organizations that are not CAEECC Members, but would like to participate, to email the facilitators, and noted that the facilitators and Co-Chairs will jointly develop a process for determining which organizations can participate in the Working Group over the next couple of weeks.

The full list of potential Underserved WG Members as of May 18, 2020 is as follows:

CAEECC Members self-identified at the February 27, 2020 Full CAEECC Meeting:

* L. Rothschild, The Energy Coalition
* J. Berg, BayREN
* A. Tellez, 3C-REN/County of Ventura
* L. Medina, SoCalREN
* C. Kalashian, SJCVEO
* C. Malotte, SCE

CAEECC Members added after the May 14, 2020 Full CAEECC Meeting:

* Ted Howard, SBUA
* Lou Jacobson, LGSEC
* Lara Ettenson, NRDC

Non-CAEECC Member Organizations to be considered after the May 14, 2020 Full CAEECC Meeting:

* Nancy Barba, Frontier Energy
* Ann Kelly, SFE

**Agenda Planning for August 6th (ABALs) CAEECC Meeting**

J. Raab stated that the August 6, 2020 Full CAEECC meeting will be focused on CAEECC review of PA Annual Budget Advice Letter (ABAL) presentations. While the CAEECC has submitted recommendations to the CPUC on a revised EE Filing Process, even if those recommendations are accepted, PAs will still file via the ABAL/Rolling Portfolio process until 2026 (except for PG&E and SCE who need to refile Business Plans, and any new RENs or other new Program Administrator). He asked whether Members have any ideas on an improved meeting structure.

Questions and Comments on August 6, 2020 (ABAL) Full CAEECC Meeting:

* I’m concerned that ABALs filed in the fall will not be very meaningful due to impacts of COVID-19 on PA activities. While the purpose of ABALs – to ensure that PA EE funding is well-spent – is still meaningful, the CPUC and CAEECC should consider how the ABAL-focused meeting could provide more value given the current circumstances.

**Direction to CAEECC on Workforce Standards in D.18-10-008**

L. Ettenson informed the CAEECC that D.18-10-008 directs the CAEECC to convene stakeholder discussion by July 1, 2020 to discuss workforce standards (for the full text of this section of the Decision, see link above, *Direction to CAEECC on Workforce Standards in D.18-10-008*, under “Documents Posted Before the Meeting). She stated that the data on this is not yet sufficient due primarily to impacts of COVID and the 3P roll-out. In conversation with ED, NRDC has proposed a delay in this language and that this issue be revisited at the August 6, 2020 CAEECC meeting to determine at that point whether action can be taken. There were no comments following this presentation.

**Session 6: SoCalREN Workforce and Education Training Program**

L. Medina provided a presentation on a new SoCalREN sub-program aiming to provide a green career pathway to the underserved homeless market segment(see link above, *SoCalREN W&ET Presentation (posted 5-7-20)*, under “Documents Posted Before the Meeting”)

Questions and Comments on SoCalREN Workforce Education and Training Program:

* Focusing on this constituency is critical.
  + I appreciate that you intend to provide paid training on the job and hope you can leverage support for that;
  + Other support including childcare and transportation may also be critical;
  + I urge you not to refer to this as “free labor” as it costs to train and manage people;
  + Consider other certification pathways in addition to multi-family and BPI (Building Performance Institute) such as state apprenticeships; and
  + Be sure to think through direct placement once the training is completed – creating a clear path with committed employers.
* To what extent will your trainings differ from the variety of trainings/programs already offered to foster youth in the foster care system?
  + We discovered that existing programs don’t focus on energy, and also don’t provide hand-holding support to get an individual into the door of an actual employer.
* We suggest you refer to Rising Sun which has an excellent and similar program, so that you don’t reinvent the wheel.
* It would be ideal if this program could then funnel graduates to Sheetmetal Workers Local 104 trade or other pre-apprenticeship/apprenticeship programs.

**Other Updates:**

M. Campbell introduced Shelley Lyser at Public Advocates Office, who will replace Dan Buch as his alternate at CAEECC meetings going forward.

**Session 7: Next Steps**

The following Next Steps were identified:

**Facilitation Team:**

*Follow up from this meeting:*

* Circulate a poll to solicit feedback from the CAEECC on the question of whether and how to bundle AL contracts for 3P solicitations following the meeting.
* Once submitted, re-post I-REN Business Plan presentation with contact information included (note: This has been done – see link above, *IREN Biz Plan Presentation (posted 5-14-20)*, under “Documents Posted Before the Meeting”). Contact: Casey Dailey, Director of Energy and Environmental Programs, [cdailey@wrcog.us](mailto:cdailey@wrcog.us), (915) 235-5125 and Anthony Segura, Senior Analyst, [Asegura@wrcog.us](mailto:Asegura@wrcog.us), (915) 405-6733)
* Develop Meeting Summary (this document) and post draft for Member review no later than 5 business days following the meeting (by May 20, 2020)

*MTWG and Underserved WG:*

* Track changes to Membership of the Market Transformation Working Group Part 2 and the Underserved Working Group Phase 1.
* Work with Co-Chairs over the next 1-2 weeks to develop a process for determining which non-CAEECC Member organizations can participate in the Market Transformation Working Group Part 2 and the Underserved Working Group Phase 1.
* Convene Underserved WG Phase I from June to September 2020
* Convene MTWG from August 2020 to February 2021

*Full CAEECC August 6, 2020 (ABAL) Meeting and I-REN BP Review:*

* Work w/Co-Chairs and CPUC to identify format for CAEECC review of I-REN draft Business Plan in late July/early August (possibly at August 6, 2020 Full CAEECC Meeting)
* Work w/co-Chairs and ED to consider how the ABAL-focused August 6, 2020 CAEECC meeting can be most valuable given COVID-19 impacts on EE programs, and EE Filing WG recommendations.
* Work w/co-Chairs to ensure that Workforce Standards discussion per D.18-10-008 be revisited at August 6, 2020 Full CAEECC meeting.

**CAEECC Members**

* *SoCalREN:* Provide follow up slides to CAEECC on SoCalREN programs that have a DAC emphasis.
* Any organizations that would like to be added or removed from the Membership of the Market Transformation Working Group Part 2 and/or Underserved Working Group Phase 1 inform the facilitation team([Jonathan@raabassociates.org](mailto:Jonathan@raabassociates.org), [susan@raabassociates.org](mailto:susan@raabassociates.org) and [meredith@concurinc.net](mailto:meredith@concurinc.net))
* Shelley Lyser, Public Advocates Office, to replace Dan Buch as Michael Campbell’s Alternate going forward
* Any organizations with follow up questions for I-REN, contact: Casey Dailey, Director of Energy and Environmental Programs, [cdailey@wrcog.us](mailto:cdailey@wrcog.us), (915) 235-5125 and Anthony Segura, Senior Analyst, [Asegura@wrcog.us](mailto:Asegura@wrcog.us), (915) 405-6733)

**Non-Member Organizations**

* *I-REN*: Resubmit I-REN Business Plan presentation with contact information included.
* Any organizations that are not CAEECC Members, but would like to participate in the Market Transformation Working Group Part 2 and/or Underserved Working Group Phase 1 email the facilitation team ([Jonathan@raabassociates.org](mailto:Jonathan@raabassociates.org), [susan@raabassociates.org](mailto:susan@raabassociates.org) and [meredith@concurinc.net](mailto:meredith@concurinc.net)).
* Any organizations with follow up questions for I-REN, contact: Casey Dailey, Director of Energy and Environmental Programs, [cdailey@wrcog.us](mailto:cdailey@wrcog.us), (915) 235-5125 and Anthony Segura, Senior Analyst, [Asegura@wrcog.us](mailto:Asegura@wrcog.us), (915) 405-6733)

Appendix A: Participation

*Note: The list of CAEECC Member/Proxies attendees joining reflect registration only. If non-CAEECC Members/Proxies or other individuals participated in the webinar but did not register, or registered but did not participate in the webinar, these last-minute changes may not be reflected here.*

|  |  |  |
| --- | --- | --- |
| **Company** | **First Name** | **Last Name** |
| **CAEECC Members/Proxies** |  |  |
| Avery Energy Enterprises | Douglas | Avery |
| BayREN | Jennifer | Berg |
| CEC | Brian | Samuelson |
| CEDMC | Serj | Berelson |
| CEDMC | Greg | Wikler |
| City & County of SF, Dept of the Environment | Lowell | Chu |
| County of Ventura/3C-REN | Alejandra | Tellez |
| CSE | Stephen | Gunther |
| LGSEC | Lou | Jacobson |
| NRDC | Lara | Ettenson |
| PG&E | Ryan | Chan |
| SBUA | Ted | Howard |
| SDG&E | Athena | Besa |
| Sheet Metal Workers Local 104 | David | Dias |
| Sheet Metal Workers Local 104 | Randy | Young |
| SCE | Matt | Evans |
| SoCalGas | Erin | Brooks |
| SoCalREN | Lujuana | Medina |
| SoCalREN/ County of Los Angeles | Minh | Le |
| The Energy Coalition | Marc | Costa |
| The Energy Coalition | Laurel | Rothschild |
| **Other Participants** |  |  |
| 3C-REN | Jon | Griesser |
| AMBAG Energy Watch | Amaury | Berteaud |
| American Electric Supply | Kathy | Mastrianni |
| BluePoint Planning | Mindy | Craig |
| CA Energy Commission | Anne | Fisher |
| CAEATFA | Deana | Carrillo |
| City of Chula Vista | Coleen | Wisniewski |
| Clean Power House LLC | George | Wiltsee |
| CLEAResult | Chad | Ihrig |
| CLEAResult | Joanne | O'Neill |
| CLEAResult | Laura | Slate |
| College of the Desert | Rebecca | Elmore |
| CONCUR | Meredith | Cowart |
| County of Santa Barbara | Ashley | Watkins |
| CPUC | Hal | Kane |
| CPUC | Scott | Kjorlien |
| CPUC | Cheryl | Wynn |
| DAC | Don | Arambula |
| DNV GL | Nick | Brod |
| DuctTesters | Dave | Hegarty |
| E Source | Emma | Rieves |
| Emerald Cities Collaborative | Avni | Jamdar |
| Energy Infrastructure Partners | Renwick | Paige |
| Energy Solutions | Teddy | Kisch |
| Enpowered | Shea | Dibble |
| Fess Energy | James | Crossman |
| Franklin Energy | Kevin | Lauckner |
| Franklin Energy | Justin | Kjeldsen |
| Guidehouse (formerly Navigant) | Kristin | Landry |
| HHEA | Susan | Davison |
| High Sierra Energy Foundation | Pam | Bold |
| Honeywell, Intl. Inc. | Mitchel | Fearing |
| I'm in Control | Kirk | Oatman |
| ICAST | Ryan | Kristoff |
| ICAST | Ravi | Malhotra |
| ICF | Chip | Fox |
| InTech Energy | Ashish | Goel |
| Jay Luboff Consulting LLC | Jay | Luboff |
| Leidos | Jeff | Allen |
| Mark Wallenrod Consulting | Mark | Wallenrod |
| MCE | Martin | Bond |
| Michaels Energy | Teresa | Lutz |
| NAESCO | Donald | Gilligan |
| NEEA | Jeff | Harris |
| NEEA | Jeff | Mitchell |
| Negawatt Consulting | Marc | Esser |
| Nexant | Kimberly | Rodriguez |
| Opinion Dynamics | Aaiysha | Khursheed |
| Pacific Power | Nancy | Goddard |
| PG&E | Michael | Burger |
| PG&E | George | Ferguson |
| PG&E | monika | jesionek |
| QuEST, Inc. | Irina | Krishpinovich |
| Raab Associates, Ltd. | Jonathan | Raab |
| Raab Associates, Ltd. | Susan | Rivo |
| Redwood Coast Energy Authority | Patrick | Owen |
| Redwood Coast Energy Authority | Patricia | Terry |
| Redwood Coast Energy Authority | Matthew | Marshall |
| Redwood Coast Energy Authority | Patricia | Terry |
| Res-Intel | Hal | nelson |
| Res-Intel | Andrew | Royal |
| Resource Innovations | Margie | Gardner |
| Resource Innovations | Corey | Grace |
| San Bernardino Council of Governments (SBCOG) | Kelly | Lynn |
| SCE | Cassie | Cuaresma |
| SCE | Paul | Kubasek |
| SCE | Christopher | Malotte |
| SCE | Tory | Weber |
| SDG&E | Dominique | Michaud |
| SEI | Stephen | Miller |
| Sierra Business Council | Kerri | Timmer |
| Silent Running | James | Dodenhoff |
| SoCalGas | Ana | Aceves |
| SoCalGas | Joe | Cruz |
| SoCalGas | Becky | Estrella |
| SoCalGas | Tina | Kashefinejad |
| SoCalGas | Andrew | Nih |
| SoCalGas | Benjamin | Piiru |
| SoCalGas | Glenda | Towns |
| SoCalGas | Jennifer | Vaughn |
| State Treasurer's Office | Jonathan | Verhoef |
| The Energy Coalition | Rebecca | Hausheer |
| The Energy Coalition | Craig | Perkins |
| The Mendota Group, LLC | Grey | Staples |
| Tierra Resource Consultants | Matthew | Joyce |
| TRC | Spencer | Lipp |
| Uplight | Chris | Lefaivre |
| USGBC=LA and EE PRG | Edmund | Novy |
| Western Riverside Council of Governments | Casey | Dailey |
| Western Riverside Council of Governments | Anthony | Segura |
| Willdan | Rosie | Kang |
| Yinsight | Carol | Yin |