CALIFORNIA

Efficiency + Demand Management

COUNCIL

Advancing Our Clean Economy

Monthly Member Readout

November 3, 2023

REC

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Today's Agenda

Council News

- Welcome our new Full Members: IoEnergy and Sealed!
- Next week: Fall Conference!
- What's Coming Up
- Solicitations

Issues/Topics

- R. 22-07-005 Track A (IGFC) Reply Brief
- DEBA Guidelines Adopted by CEC…
- Quick Updates

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Welcome Our New Full Member: IoEnergy!

Io Energy IoEnergy is a construction and consulting firm specializing in the large-scale implementation of building intelligence and energy efficiency systems.

Our smart building/IoT, energy engineering, consulting, and implementation solutions dramatically save energy and reduce operations and maintenance costs, while improving building infrastructure and value.

Based in Carmel with decades of experience, we focus on Building Efficiency, IoEV Charging Stations, and Building Readiness.

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Welcome Our New Full Member: Sealed!

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Sealed®

Sealed is a climate tech company on a mission to stop home energy waste and electrify all homes. They design custom heating and cooling plans, backed by leading research in home performance. They also match customers with certified contractors and coordinate all the work.

Sealed analyzes your home's energy use, designs the right upgrade plan and manage the whole project from start to finish. If the upgrades don't reduce energy use as much as promised, Sealed pays its customers the difference.

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Next Week: Fall Conference!

Tuesday, November 7, 2023: evening kickoff reception from 5:30-8:30 pm.

Wednesday, November 8, 2023: full day conference from 9:00-5:00 pm, with networking reception following until 6:30 pm.

Scottish Rite Center, Oakland, CA (with online viewing option)

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Next Week: Fall Conference!

9:00-9:10 am – Welcome

- Joe Desmond, Executive Director, CEDMC

9:10 – 9:30 am – Keynote Speaker: California State Assemblymember Damon Connolly

- Assemblymember Damon Connolly, California State Legislature, District 12
- *Introduced by:* Kimberly DiCello, Director, CLEAResult

9:30 – 9:45 am – Building Efficiency and Flexibility: Reducing the Cost of Grid Decarbonization

- Ryan Hledik, Principal, The Brattle Group

9:45 – 10:15 am – IOUs Energy Efficiency Budget Updates

- Michael Burger, PG&E
- Darren Hanway, SoCalGas
- Carter Prescott, SCE
- Zachary Shumake, Customer Programs Supervisor, SDG&E
- *Moderator:* Cody Coeckelenbergh, Senior Director, ICF

10:15-10:45 am – Fireside Chat

- Karin L. Burns, CEO, San Diego Community Power
- Courtney Henderson, DrPH, MPH, Truckee Town Council Member & Former Mayor. Clean Energy Strategist & Consultant
- *Moderator:* Patricia Watts, President & CEO, FCI Management

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Next Week: Fall Conference!

10:45-11:05 am – Networking Break

11:05-11:55 am – Community Choice Aggregators: Delivering Program Results: What's Working and What to Expect in the Future

- Rebecca Boyles, Programs Director, Valley Clean Energy (VCE)
- Alice Havenar-Daughton, VP of Customer Programs, MCE
- Rafael Reyes, Director of Energy Programs, Peninsula Clean Energy
- Rebecca Simonson, Director of Programs, Sonoma Clean Power
- Catherine Stedman, CCO, Central Coast Community Energy (3CE)
- *Moderator:* Colin Santulli, Director of Programs, San Diego Community Power

11:55 am-12:15 pm – Art Rosenfeld Achievement Award

- *Recipient:* Commissioner J. Andrew McAllister, Ph.D., California Energy Commission
- *Presented by:* Greg Wikler, 2022 Art Rosenfeld Award recipient & Consultant, CEDMC

1:15 -2:15 pm – Strategies to Accelerate Building Decarbonization

- Vincent Barnes, SVP, Policy & Research, Alliance to Save Energy
- Martha Campbell, Principal, Rocky Mountain Institute
- Dr. Holmes Hummel, Founder, Clean Energy Works & Managing Director for Energy, Equity and Just Transitions at the Precord Institute for Energy Homes, Stanford University
- *Moderator:* Andrea Marr, SVP, Cadmus

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Next Week: Fall Conference!

2:15 -3:15 pm – Seven Thousand by Thirty: Pathways to Meeting California's Load Shift Goal

- K.R. (Ammi) Amarnath, Principal Technical Executive, Electrification and Sustainable Energy Strategy Sector, EPRI
- Patty Cook, SVP, Market Development, Distributed Flexibility Solutions, ICF
- Erik Lyon, Reliability Program Decarbonization Lead, California Energy Commission
- Jill Powers, Demand Response & Distributed Energy Sector Manager, Market & Infrastructure Policy Department, California ISO
- *Moderator:* Michael Romeo, VP, Business Development, Franklin Energy

3:35-4:35 pm – Crossing the Clean Energy Chasm: The Role of Market Transformation

- Charles (Charley) Cormany, Executive Director, Efficiency First California
- Kelly Delaney, GoGreen Financing Programs, California Alternative Energy and Advanced Transportation Financing Authority (CAEATFA)
- Teddy Kisch, Senior Fellow, Decarbonization Strategy, Energy Solutions
- *Moderator:* Margie Gardner, VP, Market Transformation, CalMTA at Resource Innovations

4:35-5:00 pm – Closing Remarks

- Kimberly Rodriguez, VP, Solutions Delivery, Resource Innovations & Board Chair, CEDMC

5:00-6:30 pm – Post-Conference Reception

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What's Coming Up

- **November 3, 2023: CalFlexHub Symposium**
  - 8:00 a.m. - 4:00 p.m.
  - In-Person: 1 Cyclotron Road, Berkeley CA 94720 | Remote: Available
- **November 6, 2023: CEC Joint Workshop with CARB and GO-Biz to Discuss the Fuel Cell Electric Vehicle (FCEV) Customer Experience**
  - 9:30 a.m. - 3:00 p.m.
  - Zoom; ID: 860 8814 7553 | Passcode: 483895
- **November 7, 2023: Commissioner Workshop on the Draft 2023 IEPR Findings and Recommendations**
  - 1:00 p.m. - 03:00 p.m.
  - Zoom; ID: 825 6753 4108 | Passcode: 2023
- **November 8, 2023: Resilience Standards and Grid Resilience Planning: Resilience Methodologies presented by Lumen Energy Strategy, a CEC EPIC awardee *working on building a grid resiliency framework.***
  - 9:00 a.m - 12:00 p.m.
  - Webex; ID: 2485 307 8113 | Password: GRMG
- **November 8, 2023: Public Workshop for Strategic Energy Management (SEM) Expansion Study**
  - 11:00 a.m. to 12:00 p.m.
  - Telephone: (855) 282-6330 / Access Code: 24932179815## | Webex / Access Code: 2493 217 9815 / Meeting Password: mzHhFQy3W66
- **November 9, 2023: Income-qualified and Clean Energy Programs Workshop**
  - 9:00 a.m. to 12:00 p.m.
  - Zoom; ID: 852 6642 3737
- **November 9, 2023: PG&E Hot Water Design for Heat Pump Water Heaters Webinar**
  - 10:00 a.m. - 11:30 a.m.
  - Enroll Here

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What's Coming Up (Cont.)

- **November 14, 2023: Public Meeting of the Advisory Committee for the Clean Transportation Program Investment Plan**
  - 9:00 a.m. - 1:00 p.m.
  - In-person: Warren-Alquist State Energy Building; Imbrecht Hearing Room (Hearing Room B) 1516 9th Street Sacramento, CA 95814
  - Remote: Zoom; ID: 842 9594 1472 | Passcode: 586822

- **November 3, 2023: CalFlexHub Symposium**
  - 8:00 a.m. - 4:00 p.m.
  - In-Person: 1 Cyclotron Road, Berkeley CA 94720 | Remote: Available

- **November 15, 2023: Public Workshop on Amendments to the Advanced Clean Cars II Regulations**
  - 9:30 a.m. to 11:30 a.m.
  - In-person: Mary D. Nichols Campus, Southern California Headquarters, Haagen-Smit Auditorium - 4001 Iowa Avenue Riverside, CA 92507
  - Remote: Zoom

- **November 21, 2023: SoCalGas Webinar on Closure of the EE Kits Program**
  - 10:00 a.m. to 11:00 a.m.
  - Telephone: (858) 284-1506 / Access Code: 345869072#
  - Microsoft Teams

- **December 7, 2023: Clean Energy Hall of Fame Award**
  - 3:00 p.m. - 5:00 p.m.
  - In-Person: California Natural Resources Agency 715 P Street Sacramento, CA 95814
  - Remote: Available
  - Register for in-person or remote here.

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Open Solicitations

IOU UPDATED SOLICITATIONS SCHEDULE **EXCEL DOWNLOAD** (current as of Sep. 1, 2023)

11/07/23: PG&E RFP 180713 - PG&E 3P EE Commercial Strategic Energy Management Program
11/08/23: Ava RFP - External Treasury Management Services
11/13/23: CEC GFO-23-603 - Implementation of Medium- and Heavy-Duty Zero-Emission Vehicle Infrastructure Blueprints
11/13/23: PCE RFP - Distributed Solar and Solar + Storage for Public Facilities
11/13/23: CA State Treasurer RFP Trustee Services for the California Hub for Energy Efficiency Financing ("CHEEF") Programs
11/15/23: SCE RFO 2023 Distribution Investment Deferral Framework (DIDF)
11/17/23: CEC GFO-23-602 - Charging and Refueling Infrastructure for Transport in California Provided Along Targeted Highway Segments (CRITICAL PATHS)
11/17/23: CEC GFO-23-701 - California's Fifth Climate Change Assessment Tribal Research Grant Program
11/17/23: CPA RFP - Incentive Management Services
11/17/23: MCE RFO - 2023 Community Solar Connection
11/20/23: SVCE RFP - Provide Consulting Services to Silicon Valley Clean Energy
11/27/23: PG&E RFO Fall 2023 Distribution Investment Deferral Framework (DIDF)
11/28/23: SVCE RFP - Innovative Finance Analysis and Whitepaper
11/30/23: SoCalGas RFP 2nd Round Innovative Design for Energy Efficiency Applications (IDEEA 365)
11/30/23: Ava RFO - Energy Resilient Municipal Critical Facilities 2023
11/30/23: SVCE RFP - Service Optimization Guides for Building Officials and Contractors
11/30/23: SVCE RFP - Electrification Solutions Analysis
12/1/23: SCE RFO - Green Tariff Shared Renewables
12/8/23: SVCE RFO - Long-Term Carbon Free Energy & Standalone Storage Projects
12/12/23: CEC Grant Golden State Priority Project: Northern & Southern Regions (CALeVIP 2.0)
12/22/23: SDPP RFO - Local Distributed Renewable Energy and Energy Storage

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Open Solicitations (Cont.)

1/12/24: SDGE RFA 204837 - Private Institutions and Healthcare
1/15/24: SDGE RFA 202497 - Lodging Hotels/Motels Program
1/26/24: CEC GFO-23-601 - California's National Electric Vehicle Infrastructure Formula Program
2/02/24: CEC GFO-23-301 - Energy Efficiency and Load Flexibility in Industrial and Commercial Cold Storage Facilities
2/24/24: SDCP RFO - Disadvantaged Communities Green Tariff (DAC-GT) and Community Solar Green Tariff

Ongoing:

- EE program 3P solicitation information and links found on the CAEECC Website
- CEC: GFO-21-901 - Cost Share for Federal Clean Energy Funding Opportunities
- CEC: GFO-22-902 - Cost Share for Federal Funding Opportunities Industrial Decarbonization and Improvement of Grid Operations Program, Food Production Investment Program (released March 24)
- CEC: GFO-22-301 - Commercialization Industrial Decarbonization (2022 CID Program
- CARB: GFO - Clean Off-Road Equipment Voucher
- CARB: GFO - Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program

DOE: Funding Opportunity Exchange

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Issues/Topics

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R. 22-07-005 Track A (IGFC) Reply Brief

Recap:

- R.22-07-005 is the flexible demand through electric rates proceeding. It is divided into two phases, the first phase split into two tracks:
  - Track A: Income Graduated Fixed Charge ("IGFC");
  - Track B: Transactive energy / CalFUSE
- AB 205 requires, among many things:

> *Sec. 10(739.9(d) The commission shall ensure that any approved charges do all of the following:*
> *(1) Reasonably reflect an appropriate portion of the different costs of serving small and large customers.*
> *(2)* ***Not unreasonably impair incentives for conservation, energy efficiency, and beneficial electrification and greenhouse gas emissions reduction.***
> *(3) Are set at levels that do not overburden low-income customers.*

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R. 22-07-005 Track A (IGFC) Reply Brief (Cont.)

Briefs:

- Party participants submitted Opening Briefs in early October. The Council elected not to submit an Opening Brief.
  - However, the Council is submitting a Reply Brief, due today.
- Our Reply Brief will focus on three things:
  - The Fixed Charge cannot be a silver bullet solution and cannot be thought of in an policy or economic vacuum
  - Electrification is dependent upon efficiency to succeed
  - The Commission must pursue IGFCs through the Rate Design Window process

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R. 22-07-005 Track A (IGFC) Reply Brief (Cont.)

Next steps:

- Anticipating a Proposed Decision Q1 2024
- There is ramping public frustration that opportunities for public analysis/scrutiny have been denied thus far.
- The Commission must approve IGFCs by July 1, 2024; they have divided the IGFCs into two:
  - One that avoids income data collection by leveraging CARE/FERA frameworks.
  - The other is yet to be determined and there is substantial disagreement on how to even structure thinking about the second phase IGFC.

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R. 22-07-005 Track A (IGFC) Reply Brief (Cont.)

- Why your utility bills could be about to skyrocket in California - A plan devised behind closed doors at the state PUC would impose stiff monthly fixed charges on customers — even if they use less energy
  - SF Chronicle Opinion | Open Forum by Alexis Wodtke, a "retired regulatory attorney with decades of experience practicing public utility law who used to track these things for a living (10/17/2023)
- **Letter to CPUC President Reynolds signed by from 14 Assembly Members (10/27/2023)**
  - We have significant concerns about the direction of the CPUC's implementation of AB 205 and its potential negative impacts on our constituents and believe that, at a minimum, more time will be needed to consider such a significant and far reaching change in policy that will significantly impact rate payers with only a theoretical benefit.
    - CPUC rejected request to hold public participation hearings; a full, public process needs to be conducted to hear from all parties that will be affected, not just those who are party to the proceeding
  - Concerned CPUC proceeding could steer the state away from a conservation focus to that of increased electrical consumption, by sending the wrong signal to rate payers.
  - Analysis shows that rate payers just outside of the CARE and FERA income levels who consume less electricity will ultimately pay more for their electricity than a large electricity user.
  - Concerned about proceeding's potential impact to both current and future rooftop solar and battery users
  - Request that the CPUC, at a minimum, extend the timeline for the proceeding, allowing for the Commission to hold public participation hearings on this proceeding.
  - Further, the majority of the current proposals are unreasonable; Commission must ensure that any fixed rate being considered be in line with national rates.

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DEBA Guidelines Adopted by CEC…

- The CEC adopted proposed Distributed Electricity Backup Assets Program ("DEBA") First Edition Guidelines in late October.
- All public and private entities are eligible applicants who must intend to own or operate the eligible project which are broken into two categories:
  - Bulk Grid Assets:
    - Efficiency upgrades, maintenance, and capacity additions to existing power generators.
    - Eligible bulk grid projects must increase the nameplate capacity of an existing power generator or the power output of an existing facility.
  - Distributed Resources (e.g.s):
    - Load flexibility controls, supervisory control and data acquisition (SCADA) systems, demand-response aggregation software. | Fuel cells. | Energy storage | Linear generators | Microgrids | Microturbines | Vehicle-to-grid integration | Battery-backed electric vehicle charging | Pumped hydroelectric storage | Combined heat and power systems

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DEBA Guidelines Adopted by CEC… (Cont.)

- While not all of the Council's recommendations were incorporated into the final guidelines, the following were:
  - Clarification that DEBA is not a standalone program and therefore "DEBA solicitations will be designed to attract clean resources into the Strategic Reliability Reserve while not inadvertently discouraging clean resources from participating in the state's Resource Adequacy program."
  - Clarification of the definition of "distributed resource" (see page 3).
  - Use of the term "energy storage" rather than "battery storage"; only one reference to battery: "Battery-backed electric vehicle charging."

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Quick Updates

- The CPUC has opened a new RA Order Instituting Rulemaking (OIR) R.23-10-011; comments on preliminary matters pertaining to the scope, schedule, and administration of the proceeding are due on November 8 and Reply Comments are due November 20.
  - The Council will dive into detail during our 11/07 DR, DERs, + Resilience Committee call
- On October 27, the ALJ issued a Proposed Decision in the SGIP proceeding re: Expanding Eligibility for the Heat Pump Water Heater Program. Opening Comments are due on November 16 and Reply Comments are due on November 21.
  - The Council is likely to file Opening Comments.
- On October 30, the CEC released their Draft Energy Storage Permitting Guidebook for the Long Duration Energy Storage Program under Docket Log 23-ERDD-07.
- On October 23, CEC staff filed a memo to open a new docket regarding the Long Duration Energy Storage Program under Docket Log 23-ERDD-07.

- The Council submitted the following filings and testimony/statements since our last Monthly Member Readout:
  - October 20 – Council Updated Comments on October 5 Supply-Side (SS) Demand Response (DR) Qualifying Capacity (QC) Working Group (WG)
    - Council Presentation re: Comments on Penalty Enforcement Mechanism for the Supply-Side DR QC Working Group
  - October 18 – U.S. Senate, Jt. Opposition Letter re: Sen. Rubio Amendment #1237 H.R. 4366 (minibus appropriations bill)
  - October 13 – CEDMC Comments on the CPUC October 5, 2023 Supply-Side Demand Response (SSDR) Qualifying Capacity (QC) Working Group Discussion on Penalty Enforcement Mechanism
  - October 9 – CPUC R.22-07-005 (Demand Flexibility) DR Parties Reply Comments re: August 15 Ruling on Track B Staff Proposal to Expand Existing Pilots

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Goodbye Clark!

- Clark has worked with the Council for over 1 ½ years and will be moving on later in November to a new opportunity!
- This will be his last MMR as Director of Policy + Strategy; but will be around for Fall Conference, the next Newsletter, and committee calls in between.
- Please help spread the word that the Council will be hiring for a new Manager or Director of Policy and Strategy, and the Council will have the position posted ASAP.

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Discussion & Q&A

Thank You!

Please contact us if you have any questions.

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Kira Kimick – admin@cedmc.org

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Next Monthly Member Readout: December 1

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