



California
Energy
Alliance

Member Business Meeting

February 21, 2024, 11:00 a.m. - 12:00 p.m.

Welcome & Meeting Overview

Josh Dean, CEA Executive Director



CEA Antitrust Statement

The purpose of the CEA is to explore avenues of mutual interest and cooperation in building energy policy. It is important to recognize that these activities are subject to certain legal limits imposed by state and federal antitrust laws. One central concern of these laws is with combinations or agreements in restraint of trade whereby competition is reduced by design. In the course of all CEA activities, discussions among members involving pricing, sale terms, territories, production or other aspects of competition, must be avoided. In the event any member ever feels that the course of Alliance activities or statements or actions in Alliance meetings is headed into such an area, members should raise the issue immediately so that further discussion of such matters can be suspended pending receipt of advice satisfactory to the members that the topics addressed do not give rise to antitrust problems.



Agenda

- 11:00 a.m. Welcome & Meeting Overview
- *Josh Dean, CEA, Executive Director*
- 11:05 a.m. CEA General Business Updates
- *Josh Dean*
- 11:15 a.m. Outcome-Based Policies Initiative
- *Working Group Resources*
 - *Working Group Updates*
- 11:55 a.m. Meeting Wrap-up
- *Josh Dean*
- 12:00 p.m. Adjourn



CEA General Business Updates

Josh Dean



CEA General Updates

2024 Board of Directors Updates

- Welcome Lawrence Lamontagne!
- Dion Abril elected to President & Board Chair
- Thank you Kelly Seeger!



Member Engagement

- Survey & Interview
 - Impact Statement
 - Areas CEA can support you
 - Working Group support
 - [COMPLETE THE SURVEY](#)



CEA General Updates

Upcoming CEA Events

- Education Webinar w/ Willdan
 - March 7th at In-Person Member Meetings
 - “Energy Decarbonization Blueprint”
- 2024 In-Person Member Meetings - Sacramento
 - March 6th - 7th ([last chance to RSVP](#))
 - Advocacy Day, OBP, and Compliance Study Updates
 - Location: SMW Local 104 - Sacramento Union Hall
- Manufacturer Roundtables - w/ Willdan & NBI
 - Potential CEA Member speakers
 - Installer perspective
 - Propane refrigerants
 - Any contacts

Month	Roundtable Topic
April	Low GWP Refrigerants in Heat Pumps
June	Commercial Electric Kitchens
July	Pool and Spa - High Eff Air to Water Heat Pumps
Sept	Industrial Heat Pumps
October	Packaged, Skid-mounted Central HPWHs with Load Flexibility
November	Cold Climate Air to Air Heat Pumps

ENERGY DECARBONIZATION BLUEPRINT

AIA CES Approved: 1 LU|HSW Intermediate Level
Course Number: EDAAW2301db Expires: 03/16/26



COURSE DESCRIPTION

Utilizing four case studies, this course explores how to create a new blueprint for energy decarbonization that aligns with the changing electric grid. An overview of energy infrastructure changes that are taking place in the state of California will be provided alongside how these changes impact the types of building systems being considered for a multi-family building, a school, a healthcare project, and an office building. The course will explore the carbon impacts of each case study, both today and in the future as the electric grid continues to decarbonize utilizing expected average carbon emissions for 2030 and 2050.

PREREQUISITE KNOWLEDGE

Attendees will be project team members familiar with design for commercial buildings, including a basic understanding of energy efficiency.

LEARNING OBJECTIVES

- **Identify** how the decarbonization of the CA electric grid impacts the built environment
- **Describe** challenges and opportunities in decarbonizing typical project types from an energy standpoint
- **Describe** the difference in decarbonization impacts between today's grid and the expected grid in 2030 and 2050
- **Create** an energy decarbonization blueprint for your firms' projects

INTERESTED IN THIS EDUCATIONAL SESSION FOR YOUR FIRM?

We can provide this course in-person or virtually. Reach out to your local Willdan contact to schedule:

- ✉ wes.cefeedback@willdan.com
- ☎ **877.938.1588**



CEA General Updates

Upcoming Conferences

- LightSPEC West (Anaheim)
 - April 17th - 18th
- CxEnergy Conference (San Diego)
 - April 29th - May 2nd
 - *“Guaranteeing Optimal Lighting Control System Performance”*
 - *Michael Scalzo, John Busch, Charles Knuffke*
- DOE National Energy Codes Conference (Sacramento)
 - May 6th - 8th
- Getting to Zero Forum (Charlotte, NC)
 - May 21st - 23rd
- ASHRAE Summer Conference (Indianapolis)
 - June 22nd - 26th



- IES Annual Conference (New York City)
 - August 15th - 17th
- Net Zero Conference (Anaheim)
 - September 17th - 18th
- Greenbuild (Philadelphia)
 - November 12th - 15th
 - *Call for Presentations: 2/23*



Outcome-Based Policies Initiative



Outcome-Based Policies (OBP) Initiative

- Resources
 - Hive
 - Google Drive
- Timeline overview
 - Phase 1 - 2024
 - Phase 2 - 2025/2026
 - Phase 3 - 2026/2028
- Check-in monthly during scheduled member meetings on 3rd Wednesdays
- Working Groups
 - Not involved, sign up by emailing josh.dean@caenergyalliance.org



Working Group Activities

- OBP Strategy
 - Define OBP Principles and what's in/out of scope for OBP Initiative
 - Collaborate w/ CEC on BPS Roadmap
 - Identify Research/pilot projects
 - Link to OBP Plan
- Govt Affairs & Advocacy
 - Advocacy Day in Sacramento March 6th
 - Link to OBP Plan
- Codes & Standards
 - Review & Comment - Draft 2025 Energy Code
 - ASHRAE 90.1 & CALGreen proposals
 - Link to OBP Plan
- Compliance & Enforcement
 - Compliance Study and collaborate w/ CEC on solutions
 - Link to OBP Plan



Outcome-Based Policies

The CEA will advocate for and implement outcome-based policies in CA that prioritize measurable energy performance, promote human health, deliver environmental results, drive sustainable innovation, and achieve a decarbonized economy.

We intend to remove barriers and roadblocks to maximize efficiency and lower carbon emissions from buildings over their lifecycle while maintaining health and life safety.

PURPOSE

Provide overarching direction, coordination and strategic alignment across various OBP components. The Strategy Group plays a pivotal role in ensuring that individual working groups work collaboratively towards a common goal, maximizing synergy, and addressing potential implementation process challenges.

Codes & Standards

PURPOSE

Review existing codes, propose modifications or new codes/standards, & facilitate OBP principles' integration into regulatory framework. By collaborating with stakeholders, industry experts & policymakers, the group aims to enhance building codes to promote energy efficiency, reduce carbon emissions & foster sustainable development in CA

SCOPE

Focuses on advancing building codes & standards that reflect the latest technological advancements & best practices.

Strategy Initiative

Government Affairs

PURPOSE

Collaborate with key stakeholders to analyze proposed policies, provide expert insights, & advocate for policy adoption that aligns with CEA's vision. By engaging with policymakers, the group strives to ensure that these policies promote innovation & drive positive environmental impacts.

SCOPE

Focuses on state level advocacy and monitoring legislative & regulatory policies at local and national levels related to energy efficiency, sustainable practices, & decarbonization.

SCOPE:

Develop strategic frameworks & methodologies that prioritize outcome-based principles in the design & implementation of policies across various sectors. This involves creating blueprints that emphasize defining clear objectives, metrics, & evaluation criteria to drive policy effectiveness.

Compliance & Enforcement

PURPOSE

By fostering collaboration between industry stakeholders, regulatory bodies, and enforcement agencies, the group aims to enhance compliance measures, catalyze enforcement procedures, and improve monitoring mechanisms for energy-related mandates thereby helping the state meet its goals for energy efficiency and sustainability across California's built environment.

SCOPE

Focuses on the effective implementation & enforcement of energy-related codes, standards, & programs to meet CA's decarbonization goals.

Phase 1 - Foundations & Intersections

2024

STRATEGY & INITIATIVE

Foster foundational groundwork for OBP integration across working groups.

CODES & STANDARDS

Review current & upcoming building codes & standards in California & suggest changes to new language that increase energy efficiency and system resiliency and allow for OBP principles.

GOVERNMENT AFFAIRS

Engage with relevant government bodies & policymakers to advocate for OBP adoption.

COMPLIANCE AND ENFORCEMENT

Develop strategies to ensure compliance with OBP standards & promote effective enforcement mechanisms.

Phase 2- Pilot & Research

2026

Phase 3 - Implementation

2028



Thank You For Attending CEA Member Business Meeting

Meeting Materials are available to
CEA Members via the member portal at

caenergyalliance.org