



**CALIFORNIA ENERGY ALLIANCE (CEA)  
ORGANIZATIONAL STRUCTURE  
LEADERSHIP, INITIATIVES, WORKING GROUPS & TASK TEAMS**

**CEA ORGANIZATIONAL STRUCTURE**

CEA is active on many fronts within California to improve energy efficiency and reduce environmental impacts. The following overview will help you better understand our organizational structure and all the great work going on at CEA. We hope this information will also help you identify areas where you would like to get involved. If you have any questions, please contact CEA Co-Chair, Cori Jackson ([cori.jackson@caenergyalliance.org](mailto:cori.jackson@caenergyalliance.org)), or CEA Business Development Director, Clifton Stanley Lemon ([clifton.lemon@caenergyalliance.org](mailto:clifton.lemon@caenergyalliance.org)).

We look forward to working with you and your organization soon!

**MEMBER TIME COMMITMENT**

Members are encouraged to determine their own CEA commitment level based on their organization's interests and priorities. Participation commitments often vary from month to month based on current CEA initiatives, emerging regulatory issues, and other related events. In order to realize the full benefit of membership, CEA members should plan to spend an average of 2-5 hours per month, per person, on CEA activities including subcommittee meetings, development of subcommittee work products, and participation in general CEA member events such as monthly webinars and quarterly meetings.

**ORGANIZATIONAL STRUCTURE & LEADERSHIP**

CEA's leadership team and administrative staff work alongside dedicated members to deliver common-sense information and pragmatic energy solutions for Californians. In support of CEA's mission, the organization is structured around three primary activity types.

- **Technical**
- **Fundraising & Development**
- **Outreach & Education**

Each activity type is supported by the leadership team. Within each of these three focus areas, CEA undertakes a variety of initiatives and, in turn, organizes Working Groups and Task Teams to direct those initiatives.

## **CURRENT INITIATIVES**

The Alliance identifies the most compelling energy issues in California's built environment, and with its collective expertise, powerful stakeholder engagement capabilities, and excellent reputation among industry and government leaders, CEA undertakes a portfolio of focused initiatives designed for significant impact across the state for all Californians.

### **• Outcome-Based Code Initiative**

As part of CEA's mission to drive meaningful, innovative policy improvements that support California's strategic energy and environmental goals, the Alliance believes that the development and implementation of an Outcome-Based Code (OBC) presents an essential opportunity for positive change. Outcome-Based Code uses actual, measured energy use as the overarching metric for demonstrating code compliance.

*See below for more on the **Outcome-Based Code Working Group** led by Kelly Seeger, Signify.*

### **• California Building Energy Efficiency Standards Initiative**

California's Building Energy Efficiency Standards Initiatives are central to CEA's mission. The Alliance works to evolve the Energy Code which is updated by the California Energy Commission (Energy Commission) on a three-year cycle. CEA develops and supports a range of measures to improve California's Energy Standards including electrical, mechanical, and administrative updates. The Alliance believes that each update it supports will significantly increase code compliance through simplification, basic accountability, and the deployment of low-cost, common-sense technology that's currently available in the market.

*See below for more on the **2022 Building Energy Efficiency Standards Working Group** led by Cori Jackson, CEA Co-Chair & Program Director, UC Davis, California Lighting Technology Center (CLTC.)*

### **• Code Compliance Improvement Initiative**

The objective of CEA's Code Compliance Improvement Initiative is to increase the adoption and correct application of the California Building Energy Efficiency Code, California Appliance Standards, and similar regulations. The Alliance is working to improve compliance with Acceptance Test requirements contained in the Energy Code, both mechanical and electrical, and to provide ongoing energy education and technical assistance.

*See below for more on the **Code Compliance Improvement Working Group** led by John Busch, Leviton.*

- **Cost-Effectiveness Metrics Initiative**

Existing Cost-Effectiveness Metrics and methodologies, in many cases, are decades old. Often, current CEM do not reflect California's current energy environment, whether in terms of fires and resiliency, grid stability, automated buildings or Automated Demand Response. CEA's Cost-Effectiveness Metrics Initiative is focused on developing a comprehensive set of technical and policy elements to transform how California state agencies define costs, benefits including non-energy benefits, and methodologies for determining the cost-effectiveness of energy measures and programs.

*See below for more on the **Cost-Effectiveness Metrics Working Group** led by Peter Schwartz, Independent Consultant.*

- **Education & Outreach Initiative**

A collaborative approach to education is integral to the Alliance. CEA works to increase awareness of energy issues related to the built environment and the practical solutions available to resolve them by developing innovative educational programs and materials for California energy stakeholders.

*See below for more on the **Education & Outreach Working Group** led by John Busch, Leviton.*

## **ACTIVE WORKING GROUPS & TASK TEAMS**

With a depth and breadth of insight and expertise among CEA members, Working Groups and Task Teams are formed to manage CEA initiatives, each of which focuses on a compelling and timely set of energy issues.

- **Outcome-Based Code Working Group**

The Outcome-Based Energy Code Working Group (OBC) is focused on bringing a measured energy compliance option to California's Building Energy Efficiency Standards. The Working Group directs CEA's vital and complex OBC Initiative and is organized into four Task Teams.

*Led by Kelly Seeger, Signify.*

- **OBC Research Task Team:** Study "Modeled vs. Measured Energy Use in Buildings".
  - *Led by Sean Denniston, New Building Institute (NBI.)*
- **OBC Code Compliance Task Team:** Outcome-Based Code compliance pathway for 2025 Building Energy Efficiency Standards.
  - *Led by Alper Erten, Signify.*

- **OBC Policy Task Team:** Advantageous policy levers, enforcement mechanisms, and liability considerations of a viable, broad outcome-based climate and energy efficiency policy.
  - *Led by Josh Dean, San Diego Green Building Council.*

- **2022 Building Energy Efficiency Standards Working Group**

The 2022 Building Energy Efficiency Standards Working Group collaborates with a broad range of stakeholders, including manufacturers, contractors, commissioning providers, acceptance test technicians, and others to develop measures that will deliver energy savings, reduce costs and move California closer to its energy and environmental goals. At present, the Alliance has authored two, measure proposals for the 2022 update to Title 24. The proposals were submitted to the Energy Commission, are currently under review, and slated for presentation at public stakeholder meetings scheduled for September.

- Demand Management - automated demand-responsive control systems for 120-V receptacles in nonresidential buildings
- Expanded Exceptional Designs - a new design option for nonresidential buildings that uses measured building performance as the primary method for verifying energy code compliance

*Led by Cori Jackson, CEA Co-Chair & Program Director, UC Davis, California Lighting Technology Center (CLTC.)*

- **Code Compliance Improvement Working Group**

Leading CEA's efforts to increase compliance with California's Energy Code, the Code Compliance Working Group is currently collaborating with the California Energy Commission to develop a new Nonresidential Data Registry & Repository (CNDR) for energy compliance forms and information. The CNDR proposal was presented to the Energy Commission and is currently under review with a public forum intended to advance the discussion and adoption of CNDR to be hosted by the Energy Commission in the near future.

*Led by John Busch, Leviton.*

- **Cost-Effectiveness Metrics Working Group**

The Cost-Effectiveness Metrics (CEM) Working Group strives to streamline and improve the current methodology used by California regulators to establish

mandatory cost components that must be considered when calculating energy costs, savings and/or measure cost-effectiveness. Components include things such as peak demand adders and costs for average retail electricity; transmission and generation; safety; fire suppression; cybersecurity; health impacts, and carbon and environmental factors. The CEM Working Group is exploring research opportunities to collect defensible data in support of a modern cost-effectiveness framework.

*Led by Peter Schwartz, Independent Consultant.*

### • **Education & Outreach Working Groups**

The Education & Outreach Working Group supports a range of educational programs and outreach activities to inform citizens about California's energy policy, goals, and regulations. The Working Group aims to provide a forum in which CEA members and guests can share their expertise to enrich CEA's membership and the public at large through planned events and educational material.

- Events
  - Member meeting and workshop presentations
  - Public events, conferences, and convenings
  - Training events and programs
  
- Resources
  - CEA-developed presentations and publications
  - Energy-related content library

*Led by John Busch, Leviton; Clifton Lemon, CEA Business Development Director;  
Led by Lawrence LaMontagne, Graybar.*

### **TOPIC EXPLORATION & PROSPECTIVE INITIATIVES**

Initiatives, Working Groups, and Task Teams evolve in response to important changes in California's building energy landscape. The Alliance proactively explores relevant topics and evaluates opportunities to engage on issues that align with the CEA's mission. In addition to promoting dialogue among Alliance members, CEA hosts convening events, workshops, and programs in which thought leaders and experts are invited to participate to better identify prospective new initiatives.

Members are encouraged to contact CEA Co-Chair, Cori Jackson ([cori.jackson@caenergyalliance.org](mailto:cori.jackson@caenergyalliance.org)), or CEA Business Development Director, Clifton Stanley Lemon ([clifton.lemon@caenergyalliance.org](mailto:clifton.lemon@caenergyalliance.org)) to learn more about these topics and to express their interests in prospective initiatives. Current topics being explored include:

- **Electrification**

In 2019, the California Energy Commission stated in a report “There is a growing consensus that building electrification is the most viable and predictable path to zero-emission buildings...” California regulators recently modified policies that limited building electrification and new incentives for electric appliances and all-electric buildings are on the horizon. Also, local governments across California are moving to reduce new natural-gas hookups. The move toward electrification (also referred to as decarbonization) is an important part of climate action and now requires a coordinated effort to ensure a smooth transition to an energy economy that is significantly less dependent on fossil fuels. CEA has begun efforts to address this important initiative. The Alliance anticipates launching an Electrification & Decarbonization initiative in Fall 2020.

- **Healthy Buildings**

Given recent events, increased interest in Healthy Buildings is widespread. A significant aspect of *Healthy Buildings* is Indoor Environmental Quality (IEQ) which refers to the quality of a building's environment in relation to the health, productivity, and wellbeing of its occupants. IEQ is determined by many factors, including lighting, air quality, temperature, and humidity. The concept of resilient buildings reflects the ability to prevent and recover from degraded Indoor Environmental when challenges arise. Healthy Building principles, including properly managed IEQ, pose no inherent threat to California's energy efficiency and decarbonization goals. The Alliance will explore opportunities to develop and support Healthy Building programs beginning in the Fall of 2020.