



Meeting Agenda for January 7<sup>th</sup>, 2025  
Redwood Empire Association of Code Officials  
1007-B West COLLEGE AVE # 326 SANTA ROSA CA 95401

**REACO Regular Meeting: January 7th, 2025**  
**HELD AT: Charlie's 1320 19<sup>th</sup> Hole Dr, Windsor CA, 94952**  
**MEETING START TIME IS 12:00 pm**

**You can also join virtually through the Zoom link below.**

<https://us02web.zoom.us/j/87571484151?pwd=YgBHDUodVLAiacvEeTDtJSffkT8s1E.1>

**CALL TO ORDER and PLEDGE OF ALLEGIANCE**

**SELF INTRODUCTIONS** (Officers, Guests, Members)

**APPROVAL OF MINUTES** – December 3th meeting

**OFFICER REPORTS**

President: Kevin Scheumann–

Treasurer: Betty Li –

1. Account transactions summaries

Checking and savings beginning balance: \$

Deposits: \$

Debits and Checks: \$

Checking and savings ending balance: \$

Vice President: Ryan Rose

Secretary: Pam Miller

Past President: Richard Angley

**LIAISON REPORTS**

SCFPO: Devon Gambonini –

ICC Rep: Karyn Beebe – See Link <https://www.iccsafe.org/advocacy/gr-monthly-update/>

CBOAC: Eric Seabrook –

CALBO: Doug Hughes –

CEC Rep: Gagandeep Randhawa – See Attachments

IAEI: Doug Hughes, Mike Stone –

BayREN: Christine Condon – See Attachments

RECSI: Carolyn Glanton –

ICC Region 1: Richard Angley –

## **COMMITTEE REPORTS**

**Education Committee:** Eric Seabrook, David Willoughby and Kevin Scheumann –

**Web-Site Committee:** David Willoughby –

**ADU Committee:** Brad Cannon, Eric Seabrook, Jay Bradford – See information on web page

**Scholarship Committee:** David Willoughby, Richard Angley, Kris Kuntz, Ian Broeske

**Nominations Committee:** (3<sup>rd</sup> / 4<sup>th</sup> Quarter item)

## **CORRESPONDENCE AND ANNOUNCEMENTS**

### **LEGISLATIVE NEWS**

### **CODE QUIZ**

### **OLD BUSINESS**

### **NEW BUSINESS**

- a. Calendar review
- b. CD roller(s) and addition
- c. Upcoming field trip(s) feedback

**ADJOURNMENT – next meeting on February 4th 2025. In Windsor - meeting invite will be sent out later in the month for those attending virtually.**



# Efficiency Division Updates

CALIFORNIA ENERGY COMMISSION

ICC Chapter Monthly Meeting

January 2025

## Energy Code Related Updates

- **Business meeting agendas and recordings**
  - **Dec 11 Business meeting**
    - Approval of Local ordinances exceeding the 2022 Energy Code:
      - City of Brisbane – Introduces electric readiness, HVAC hot water temperature requirements for non-residential buildings and source energy compliance margins for all newly constructed buildings.
      - City of Santa Monica – Introduces electric readiness, solar pool heating, HVAC hot water temperature requirements for non-residential buildings and source energy compliance margins for all newly constructed buildings.
    - Next Business meeting: January 21, 2025
- **2025 Energy Code adopted** - see timeline on last page.
- New **2025 Energy Code fact sheet**
- **New enforcement advisory**: Variable Refrigerant Flow Minimum Efficiency Requirements for 2022 Building Energy Efficiency Standards
- **2025 Compliance Initiatives workshop** **2025 Compliance Initiatives Workshop** on December 18. Public comments due by January 10, 2025
- **Blueprint #148** October – December 2024
- **Accessory Dwelling Units (ADUs)** web page has been added to the Energy Code Support Center been added to the Energy Code Support Center been added to the Energy Code Support Center
  - New online Fact Sheet: 2022 Energy Code ADUs **FAQs**
- **Welcome to the 2028 Energy Code Cycle** – Codes and Standards Enhancement (CASE) Team – learn about plans for the 2028 Energy Code Cycle.
  - **Nonresidential January 8, 2025; 9AM – 10:30AM**
  - **Single-family and Multifamily January 8, 11AM – 1200PM**
  - Contact: [info@title24stakeholders.com](mailto:info@title24stakeholders.com)
- **2028 Energy Code development process** – Submit code change proposals by March 31, 2025.

## Energy Code Training and Events

- **Energy Code Ace training**
  - Jan 14: 2025 Residential Standards: What's New
  - Jan 15: 2025 Nonresidential Standards: What's New
- **BayREN training**
  - Jan 15: BayREN C&S Training: Home Energy Rating System (HERS) Registry
  - Jan 29: How the Energy Code Treats Electrification
- **3C-REN training**
  - Jan 9: Heat Pumps for Heating and Cooling – Part 2: All-Electric Design and Construction Series
  - Jan 16: Domestic Hot Water – Part 3: All-Electric Design and Construction Series
  - Jan 22: Introduction to the Energy Code
  - Jan 23: Ventilation and HRV – Part 4: All-Electric Design and Construction Series

- Jan 30: Appliances and Energy Storage – Part 5: All-Electric Design and Construction Series
- **I-REN training**
  - Jan 14: **I-REN C&S Training: Heat Pump Water Heaters for Building Departments**
- **SoCal REN resources**
- **PG&E training**
- **Southern California Edison training**
- **SoCal Gas education**

**Energy Code Resources**

- **Energy Code Support Center**
- Energy Code Hotline: call 800-772-3300 or use **hotline submission form**
- **2022 Energy Code Compliance Software**
- **Local Energy Code resources**
- **CalGreen resources**
- **Building and Home Energy Resource Hub**
- **Inflation Reduction Act Residential Energy Rebate Programs**

**Receive regular updates via email**

- **Blueprint Newsletter email list**
- **Building Standards email list**
- **Appliance Standards email list**
- **Federal IRA Residential Incentives email list**

<b>2025 Energy Code Development Timeline</b>	
CASE Study Results Reports and CCSRs Complete	Dec 31, 2024
2025 Compliance Software Available to Public	Jan 1, 2025
2025 Standards Effective	Jan 1, 2026

## 2025 BayREN Energy Code Trainings & Events

<https://www.bayrencodes.org/events/>

### Live Online Events & Trainings

#### **BayREN C&S Training: HERS Registry**

**Location:** live online

**Date:** Wednesday, January 15, 2025

**Time:** 9:00 am –10:30 am

**Description:** This course explores the advantages of using the online HERS registry to track and verify compliance forms electronically and will include a live demonstration on how to navigate projects in the HERS registry.

**Topics Covered:** Compliance Forms, Energy Code, HERS

**Target Audience:** Building Department Staff

ICC CEUs: 0.1

[Webinar Registration Link](#)

#### **BayREN C&S Training: How the Energy Code Treats Electrification**

**Location:** live online

**Date:** Wednesday, January 29, 2025

**Time:** 9:00 am –10:30 am

**Description:** This course focuses on the Energy and Green Building Code for residential buildings, provides an overview of the current electrification landscape, and highlights how electric appliances are impacted by different aspects of the Building Code as well as planning and zoning.

**Topics Covered:** Residential Energy Code

**Target Audience:** Building Department Staff

ICC CEUs: 0.1

[Webinar Registration Link](#)

#### **BayREN C&S Training: Navigating the Energy Code**

**Location:** live online

**Date:** Wednesday, February 6, 2025

**Time:** 9:00 am –10:30 am

**Description:** This introductory course will review the context of the Energy Code and provide an overview of its structure, important supporting references, and manuals, and how it addresses different types of buildings and projects, as well as mandatory measures plus performance and prescriptive approaches.

**Topics Covered:** Energy Code

**Target Audience:** Building Department Staff

ICC CEUs: 0.1

[Webinar Registration Link](#)

#### **BayREN C&S Training: Single Family Standards: Accessory Dwelling Units (ADUs)**

**Location:** live online

**Date:** Wednesday, February 26, 2025

**Time:** 9:00 am –10:30 am

**Description:** This course will identify different types of ADU, cover prescriptive requirements that apply to new ADU, and discuss minimum requirements and design options for compliance.

**Topics Covered:** Residential Energy Code, HERS, HVAC, PV

**Target Audience:** Building Department Staff, Building Professionals, Contractors

ICC CEUs: 0.1

[Webinar Registration Link](#)

*For information about BayREN resources and trainings contact Christine Condon, Sonoma County BayREN Codes and Standards Program Representative: [Christine.Condon@sonoma-county.org](mailto:Christine.Condon@sonoma-county.org) or 707-565-2125.*

[Energy Code Ace 2025 Title 24, Part 6 Trainings](#)

**2025 Title 24, Part 6 Essentials — Residential Standards: What’s New**

**Location:** Online

**Date:** January 14, 2025

**Time:** 8:30 am – 11:00 am

**Instructor:** Martyn Dodd

**Description:** This online live event summarizes the new and revised requirements in the 2025 California Building Energy Efficiency Standards (Title 24, Part 6 or Energy Code) for single-family and multifamily buildings and directs participants to informational resources and training that provide more in-depth information on the Energy Code. Join us to begin learning what the 2025 code means to you.

ICC CEUs: 0.25

[Webinar Registration Link](#)

**2025 Title 24, Part 6 Essentials — Nonresidential Standards: What’s New**

**Location:** Online

**Date:** January 15, 2025

**Time:** 8:30 am – 11:00 am

**Instructor:** Martyn Dodd

**Description:** This online live event summarizes the new and revised requirements in the 2025 California Building Energy Efficiency Standards (Title 24, Part 6 or Energy Code) for nonresidential buildings, and directs participants to informational resources and training that provide more in-depth information on the Energy Code. Join Energy Code Ace to begin learning what the 2025 code means to you and your customers.

- Describe changes in the overall scope and application of the 2025 Energy Code compared to the 2022 Energy Code.
- Identify the major changes in the 2025 Energy Code for nonresidential projects, including new construction, additions, and alterations.
- Identify the major changes in the 2025 Energy Code for nonresidential projects, including changes to the requirements for Envelope, Mechanical, Lighting, Solar Photovoltaic, and Battery Storage.
- Identify informational resources and training that provide more in-depth information on the Energy Code.

ICC CEUs: 0.25

[Webinar Registration Link](#)

## **Invitation from CEC for Local Jurisdictions Interested in CALGreen Heat Pump Reach Code**

### [CEC/EPRI Electrification Summit and the CALGreen Heat Pump Reach Code](#)

The Local Government Sustainable Energy Coalition (LGSEC) The Local Government Sustainable Energy Coalition (LGSEC) is a statewide membership network representing local government interests related to clean energy and climate resilience to state regulatory agencies. LGSEC was recently approached by the California Energy Commission (CEC) looking for jurisdictions who are enthusiastic about working towards adopting the CALGreen AC-to-HP reach code in their cities to join and potentially speak at the CEC Electrification Summit in March 2025.

See below for additional details on what they are looking for.

#### **CALGreen – Heat Pump Reach Code**

In September of this year, the California Energy Commission (CEC) voted to adopt the strongest building standards in the nation, further encouraging all-electric new construction and creating a pathway for local governments to decarbonize existing homes by encouraging the replacement of end-of-life air conditioning systems (AC) with heat pumps (HP). The latter exists as a voluntary measure in CALGreen (otherwise known as Title 24, Part 11), which provides language that can serve as a starting point for local ordinances that exceed mandatory energy codes. This AC-to-HP reach code aligns with an influx of incentives being developed to support HP installations, provides time for installers to gain familiarity with HP installations for existing buildings, and paves the way for achieving building decarbonization goals set by the state.

#### **Electrification Summit Info**

The CEC will host its second annual Electrification Summit on March 11-12, 2025 in Sacramento. Last year's summit culminated in a commitment between heat pump manufacturers and the CEC to collaborate on achieving Governor Newsom's goal of installing 6 million heat pumps in the state by 2030. The upcoming 2025 summit will build upon this and highlight accelerating momentum around decarbonization of buildings and industry.

On Tuesday March 11, a morning plenary session will highlight building decarbonization efforts from local jurisdictions. CEC also aims to bring together a coalition of local government leaders who are enthusiastic about working towards adopting the CALGreen AC-to-HP reach code in their cities. So far, CEC has engaged directly with the Cities of Sacramento and San Mateo, as well as LADWP, SMUD, PCE, and SVCE.

#### **2025 CEC/EPRI Electrification Summit – Day 1**

<https://www.energy.ca.gov/event/meeting/2025-03/2025-cec-epri-electrification-summit-day-1>

#### **2025 CEC/EPRI Electrification Summit – Day 2**

<https://www.energy.ca.gov/event/meeting/2025-03/2025-cec-epri-electrification-summit-day-2>

#### **CEC Point of Contact**

Maggie Deng

Advisor to Commissioner Andrew

McAllister [Maggie.Deng@energy.ca.gov](mailto:Maggie.Deng@energy.ca.gov)

# CODE QUIZ

## August 2023

1. Per Section 1024.4 of the 2022 California Building Code, exit passageways on the level of exit discharge shall terminate at \_\_\_\_\_. Exit passageways on other levels shall terminate \_\_\_\_\_.
  - a. An exit access, at an exit
  - b. An exit discharge, at an exit access
  - c. An exit discharge, at an exit
  - d. The exterior, a rated corridor
  
2. Per Section 4.106.2 of the California Green Building Standards Code, projects which disturb less than \_\_\_\_\_ of soil and are not part of a larger common plan of development which in total disturbs \_\_\_\_\_ or more, shall manage storm water drainage during construction.
  - a. One acre, one half acre
  - b. One acre, one acre
  - c. One acre, five acres
  - d. 50,000 square feet, one acre
  
3. Per Section 4.106.4.3 of the California Green Building Standards Code when new parking facilities serving existing multifamily buildings are added, or electrical systems or lighting of existing parking facilities are added or altered and the work requires a building permit, \_\_\_\_\_ of the total number of parking spaces added or altered shall be electric vehicle charging spaces (EV spaces) capable of supporting future Level 2 EVSE.
  - a. Five percent
  - b. Ten percent
  - c. Ten percent but not less than 5
  - d. Twenty percent
  
4. Per Section R311.3.1 of the 2022 California Residential Code the interior side of a landing or finished floor at required egress doors shall be not more than \_\_\_\_\_ lower than the top of the threshold.
  - a. One half inch
  - b. One inch
  - c. One and one half inches
  - d. Two inches
  
5. Per Section R311.3.2 of the 2022 California Residential Code Doors other than the required egress door shall be provided with landings or floors not more than \_\_\_\_\_ below the top of the threshold.
  - a. Two inches
  - b. Two and a half inches
  - c. Four inches
  - d. Six inches
  - e. Seven and three quarters inches

*Answer Key: 1: c 2: b 3: b 4: c 5: e*

Please contact Ron Beehler by email at [rbeehler@bpr-grp.com](mailto:rbeehler@bpr-grp.com) to discuss any questions.