



Meeting Agenda for April 2nd , 2024
Redwood Empire Association of Code Officials
1007-B West COLLEGE AVE # 326 SANTA ROSA CA 95401

**THE ANNUAL MEMBERSHIP MEETING ON: April. 2nd, 2024
HELD AT: 200 South School St Ukiah Ca 95482
MEETING START TIME IS 12:00 PM**

You can also join virtually through the Zoom link below.

<https://us02web.zoom.us/j/84481414032?pwd=MWphakNQa2J4MUJoTHZlWStNTHdFQT09>

CALL TO ORDER and PLEDGE OF ALLEGIANCE

SELF INTRODUCTIONS (Officers, Guests, Members)

APPROVAL OF MINUTES – March 5th meeting

OFFICER REPORTS

President: Richard Angley –

1. The Officers meeting was held Virtually on 3/20/24
 - a. ICC annual report filed
 - b. Filing Taxes
 - c. Simpson on site Training
 - d. Meeting in Ukiah April
 - e. Forming a Scholarship committee

Treasurer: Betty Li –

1. Account transactions summaries
 - Checking and savings beginning balance: \$
 - Deposits: \$
 - Debits and Checks: \$
 - Checking and savings ending balance: \$

Vice President: Kevin Scheumann

Secretary: Ryan Rose

Past President: Matt Keiser

LIAISON REPORTS

SCFPO: Devon Gambonini –

ICC Rep: Karyn Beebe –



Karyn Beebe, P.E., LEED AP is a California licensed professional engineer and a LEED Accredited Professional with forensic investigation expertise. Prior to ICC, she worked for APA - the Engineered Wood Association, where she worked on strategic partnership development and product support across the Western U.S. She is also past President of ICC's San Diego Chapter and active member of the Structural Engineers Association of California as a Past Chair of the State and San Diego Sustainable Design Committees and member of the Seismology Light Frame Subcommittee. As the Government Relations Regional Manager for ICC responsible for California, Nevada, Guam, American Samoa, and Mariana Islands, she works in collaboration with chapters, members, and stakeholders to support the adoption and effective use of the International Code Council's codes, standards, products, and services.

Course Title: *ICC Services for Building Safety Professionals*

Description: The International Code Council (ICC) is the leading global source of model codes and standards and building safety solutions that include product evaluation, accreditation, technology, training, and certification. The Code Council's codes, standards, and solutions are used to ensure safe, affordable, and sustainable communities and buildings worldwide. Today's training will provide an overview of ICC's services and their use in design, permitting, and maintenance of the built environment. At the outcome of the presentation, participants will obtain best practices for utilizing the codes (electronic and print), changes to the code development process, and website navigation to leverage ICC member resources, chapter benefits, and the latest industry update.

CBOAC: Eric Seabrook –

CALBO: Doug Hughes –

CEC Rep: Gagandeep Randhawa –

IAEI: Doug Hughes, Mike Stone –

BayREN: Christine Condon –

SMART: Jennifer McGill –

RECSI: Carolyn Glanton –

ICC Region 1: Richard Angley – Looking for someone to fill this position (quarterly meetings lasting about 1 hour).

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 Attached Document

CODE ISSUES / QUIZ

1. Per Section 2303.1.1.2 of the 2022 California Building Code end-jointed lumber used in an assembly required to have a fire resistance rating shall have the designation _____ included in its grade mark.

- End jointed lumber is not permitted in fire rated assemblies.
- 1-HR Maximum Fire Rated or 1-HR-FR
- Heat Resistant Adhesive or HRA
- Fire Rated Assembly or FRA

Question Title

2. Per Section 2304.3.3 of the 2022 California Building Code wood walls and bearing partitions shall not support more than ____ floors and a roof unless an analysis satisfactory to the building official shows that shrinkage of the wood framing will not have an adverse effect on the structure or any plumbing, electrical, or mechanical systems or other equipment installed therein due to excessive shrinkage or differential movements caused by shrinkage.

- One Floor
- Two Floors
- Three Floors
- Four Floors
- Five Floors

Question Title

3. Per Section 1803.3.1 of the 2022 California Building Code, for other than OSHPD regulated facilities, a minimum of two borings or two test pits are required as part of the scope of a geotechnical investigation.

- True
- False

Question Title

4. Per Section 402.1 of the 2022 California Existing Building Code, replacement glazing in hazardous locations shall comply with the safety glazing requirements of the 2022 California Building Code or the 2022 California Residential Code as applicable.

- True... BUT CBC 402.1 does have an exception for
- False

5. Per Part 8 of the California Historical Building Code (CHBC) in order to use the provisions of the CHBC, the structure under consideration must be qualified by being:

- a. At least 50 years old
- b. Designated as an historical building or structure.
- c. Deemed of importance to the history, architecture, or culture of an area by an appropriate local or state governmental jurisdiction.
- d. Be on a city or county register or inventory of historical or architecturally significant sites, places, historic districts or landmarks.
- e. All the above.
- f. b, c and d above.

CORRESPONDENCE AND ANNOUNCEMENTS

LEGISLATIVE NEWS

PROGRAM

Michael Davis – Simpson Strong Tie
Simpson Strong-Tie prefabricated high strength shearwalls.
Discussion on features/benefits and required anchorage.

NEW BUSINESS

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OLD BUSINESS

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ADJOURNMENT – next meeting on May 7th 2024. The meeting location will be Charlies 1320 19th Hole Dr, Windsor Ca 95492 A meeting invite will be sent out later in the month for those attending virtually.



Efficiency Division Updates

CALIFORNIA ENERGY COMMISSION

ICC Monthly Meeting

April 2024

Updates

- **2025 Energy Code development** - see timeline on last page.
 - **Notice of Proposed Action**
 - **45-day Language** and **45-day Language Reference Appendices**
 - Submit comments by May 13
 - **Initial Statement of Reasons**
 - Apr **16**, **17**, and **18**: Lead Commissioner hearings for the 2025 Energy Code
- **Blueprint #145 January-March 2024**
 - Q&As: Battery Storage, Community Shared Solar, Nonresidential Unconditioned Spaces
- Please take a moment to fill out our **survey** on how we can improve our Online Resource Center
- Visit **Regulatory Advisory** page for more information on the LRMF data registry
 - **HERS program webpage** and **2022 Building Energy Efficiency** pages are updated with the Regulatory Advisory (attached)
- **FAQ: IRA Residential Efficiency and Electrification Rebates** is now available that provides answers for Californians interested in home energy rebates funded by the Federal Reduction Act or IRA
- **2022 Energy Code – Envelope** Presentations for Single-Family, Nonresidential, and Multifamily are now available
- **GFO-23-403 – Local Government Building Decarbonization Challenge**: CEC grant availability of up to \$4,070,070 to local government for decarbonization planning.
- **Business meeting agendas and recordings**
 - March 13 Business meeting:
 - Approved local ordinances for San Jose and San Anselmo
 - Apr 10 Business meeting: **Agenda**

Energy Code Training and Events

- **Energy Commission training and events**
 - Apr 10 – CALBO CTI Webinar – 2022 Energy Code: Fenestration and Doors
- **Energy Code Ace training**

- Apr 2 – Single-family Standards: Introduction to the Performance Approach
- Apr 3 – Nonresidential Standards: What’s New
- Apr 4 – Residential Standards: What’s New
- Apr 9-10 – Nonresidential & Multifamily Standards: Indoor Lighting Compliance Pathways
- Apr 9 – 11 - Single-family Standards for Energy Consultants
- Apr 11 – Nonresidential & Multifamily Standards: Outdoor Lighting
- Apr 15 – Nonresidential Standards: What Is Acceptance Testing?
- Apr 16 – Single-family Compliance: EnergyPro Introduction
- Apr 16-17 – Nonresidential Standards for Architects & Designers
- April 17 – Single-family Compliance: EnergyPro Advanced
- Apr 18-19 – Nonresidential & Multifamily Standards: Indoor Lighting Controls
- Apr 23 – Single-family Compliance: Modeling Tips
- Apr 23 – 24 – Single-family Compliance: CBECC-Res Introduction
- Apr 25 – Single-family Standards: Mechanical Systems
- Apr 30 - May 1 – Single-family Compliance: CBECC-Res Advanced
- **BayREN training**
 - Apr 17-18 – NAR Green Designation – Sonoma County – The Resource-Efficient Home – Retrofits, Remodels, Renovations, and New Home Construction – Topics will include Real Estate, Energy Efficiency, and Electrification
- **3C-REN training**
 - Apr 2 – Introduction to Passive House Standard
 - Apr 4 – Why Energy Consultants Should Learn to do Residential HVAC Design
 - Apr 8 – National Association of Realtors Green Designation – Ventura County
 - Apr 9 – Blower Door Basics and Beyond
 - Apr 11 – Crafting High Performance Enclosures: Roofs, Walls, and Floor – Class 3 High Performance Fundamentals Series
 - Apr 16 – Overcoming Installation Challenges with Heat Pumps
 - Apr 18 – Certified Passive House Designer/Consultant (CPHD) Pacific Spring Hybrid Cohort
 - Apr 23 – Building With Hemp – Green Building Speaker Series
 - Apr 25 – Heat Pump Fundamentals: Space Conditioning and Water Heating – Class 4: High Performance Fundamentals Series
- **I-REN training**
- **PG&E training**

Energy Code Resources

- **Online Resource Center**
- Energy Code Hotline: **email** or call 800-772-3300
- **2022 Energy Code Compliance Software**
- **2025 Energy Code**
- **Local Energy Code resources**
- **Building and Home Energy Resource Hub**

Receive regular updates via email

- [Blueprint Newsletter email list](#)
- [Building Standards email list](#)
- [Appliance Standards email list](#)
- [Federal IRA Residential Incentives email list](#)

2025 Energy Code Development Timeline	
45-Day Express Terms Review	Mar-May 2024
15-Day Express Terms Review	June 2024
2025 Energy Code Adopted	August 2024
2025 Compliance Manuals and ACM Reference Manuals Approved	Nov 2024
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

2024 BayREN Energy Code Trainings & Events

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

BayREN Regional Forum: The Confluence of Water, Energy, and Climate

Location: On-demand recording and materials

If you were unable to attend the live forum held via Zoom on March 21st, the presentation materials, recording and Q&A log are now available on the BayREN Events web page.

Description: Water and energy are both essential to our everyday lives. While they are usually considered separately, water is also intertwined in all phases of energy production from dams to cooling towers, and energy is needed to provide and deliver clean water. Join us at this Regional Forum to explore the relationships between these two critical resources as well as some of the programs and strategies local governments can use to improve water and energy conservation—and reduce greenhouse gas emissions. This online Forum is free and open to all.

Recording

[Forum Recording & Presentation Materials Link](#)

BayREN Codes & Standards On-Demand Trainings

BayREN Codes & Standards on-demand trainings are recorded on-line trainings that can be accessed at any time. As opposed to “on-line” trainings, which are conducted live, individuals can access “on-demand” trainings at their convenience at any time. Like onsite and live on-line, on-demand trainings are approximately 60–90 minutes long and ICC certified (0.1 CEU).

- Heat Pump Water Heaters for Building Departments
- Heat Pump Water Heaters for Contractors
- Heat Pump HVAC for Building Departments

[More Information and Registration Links](#)

BayREN Codes & Standards Resources for Code Compliance

www.bayren.org/local-government-resources/code-compliance

BayREN Codes & Standards makes it easier for building departments to understand and enforce state and local energy code requirements. The BayREN Codes & Standards team has put together training, tools, resources and best practices to support building departments with compliance and enforcement efforts.

Building Department Tools & Guides

Have building code requirements at your fingertips with these handy guides and tools, designed to help building department staff when reviewing applications or out in the field. [Building Department Tools & Guides](#)

Heat Pump Water Heaters – Download easy-to-reference code references for heat pump water heaters (HPWH). [HPWH guides](#)

Energy Storage Systems (ESS) - Explore policy and code compliance resources for energy storage systems. [ESS gov't resources](#)

Applicant Tools & Guides

Help contractors, homeowners and others prepare successful permit applications with easy-to-understand explanations of the code requirements for their projects.

Permit Guides - BayREN's guides for common building projects spell out energy code requirements in plain language. They are designed for distribution to applicants and available for download and can be customized for your jurisdiction. [Permit Guides](#)

Permit guides are available for the following:

- Residential Fenestration Alteration
- Residential Roofing
- Water Heating Alteration
- Nonresidential Re-Roofing
- Nonresidential Unitary HVAC

For information about BayREN resources and scheduling BayREN trainings contact Christine Condon, Sonoma County BayREN Codes and Standards Program Representative. Christine.Condon@sonoma-county.org or 707-565-2125.

Energy Code Ace 2022 Title 24, Part 6 Trainings

2022 Title 24, Part 6 Essentials — Nonresidential & Multifamily Standards: Outdoor Lighting

Location: Online

Date: Thursday, April 11, 2024

Time: 8:30 am – 12:00 pm

Instructor: Gina Rodda

Description: If you design, specify, install or inspect lighting, or create Title 24, Part 6 compliance documentation for Nonresidential or Multifamily outdoor lighting projects, this course is for you! In it you'll learn which outdoor lighting devices are covered by California's 2022 Energy Code, what controls are required for both new installations and alterations, what the power allowances are for various project elements and which exemptions apply to wattage requirements. We'll also explore how best to document compliance for your Nonresidential and Multifamily outdoor lighting projects.

ICC CEUs: 0.35

[Webinar Registration Link](#)

2022 Title 24, Part 6 Essentials — Nonresidential & Multifamily Standards: Indoor Lighting Controls

Location: Online

Date: April 18-19, 2024 (two half-day sessions)

Time: 9:00 am – 12:00 pm

Instructor: Gina Rodda

Description: If you design, specify, install or inspect lighting, or create Title 24, Part 6 compliance documentation for lighting installations in Nonresidential and Multifamily Common Use spaces, this course is for you. For both new installations and alterations to indoor lighting projects, learn which lighting controls the 2022 Energy Code requires based on project configuration. Also learn about the Prescriptive power allowances that can affect your control choices for various project types. This course is delivered in two half-day sessions held on two consecutive days. Participants must attend both sessions to complete the course. Participants must attend both sessions to complete the course.

ICC CEUs: 0.6

[Webinar Registration Link](#)

Energy Code Ace 2022 Title 24, Part 6 Trainings

2022 Title 24, Part 6 Essentials — Nonresidential Standards: What is Acceptance Testing?

Location: Online

Date: Monday, April 15, 2024

Time: 9:00 am – 12:00 pm

Instructor: Davi Wylie

Description: What is Acceptance Testing? How does it compare to Commissioning? What Nonresidential HVAC systems require a certified Acceptance Test Technician under the 2022 California Energy Code? Who's involved and how is it documented? This three-hour online live class addresses these questions and more, with an overview of Energy Code Acceptance Testing requirements for a variety of systems, and a focus on Nonresidential HVAC systems.

Course Objectives:

- Describe the role of Acceptance Testing in the California Energy Code.
- Identify the types of systems that require Acceptance Testing.
- Describe the roles and responsibilities in the Acceptance Testing process.
- Relate compliance documentation to the design and build process.
- Identify the simple and complex Nonresidential HVAC measures that trigger different types of Acceptance Tests
- Determine the required Acceptance Tests that must be performed by a certified Acceptance Test Technician.

[Webinar Registration Link](#)