



Meeting Agenda for January 9th, 2024
Redwood Empire Association of Code Officials
1007-B West COLLEGE AVE # 326 SANTA ROSA CA 95401

THE ANNUAL MEMBERSHIP MEETING ON: Jan. 9th, 2024
HELD AT: Charlies 1320 19th 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/85023691531?pwd=L2xZYS9hMTA3M09mS0w1QmVJbHN6UT09>

CALL TO ORDER and PLEDGE OF ALLEGIANCE

SELF INTRODUCTIONS (Officers, Guests, Members)

APPROVAL OF MINUTES – December 5th meeting

OFFICER REPORTS

President: Richard Angley –

1. The Officers meeting was held Virtually on 12/18/23
 - a. Discussed upcoming meeting
 - b. Training opportunities for the upcoming year
 - c. Audit to allow new treasurer to start fresh

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 – <https://www.iccsafe.org/advocacy/gr-monthly-update/>

CBOAC: Eric Seabrook –

CALBO: Doug Hughes –

CEC Rep: Gagandeep Randhawa – Updates attached.

IAEI: Doug Hughes, Mike Stone –

BayREN: Christine Condon – Updates attached.

SMART: Doug Williams –

RECSI: Carolyn Glanton – Virtual monthly meetings on the first Thursday of each month.

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

COMMITTEE REPORTS

Education Committee: Eric Seabrook and Kevin Scheumann –

Web-Site Committee: David Willoughby –

ADU Committee: Brad Cannon, Eric Seabrook, Jay Bradford –

CODE ISSUES

CORRESPONDENCE AND ANNOUNCEMENTS

LEGISLATIVE NEWS

PROGRAM

Swimming Pool and Spa Heating presented by Johnson Pool and Spa

NEW BUSINESS

- Audit Committee

OLD BUSINESS

- .

ADJOURNMENT – next meeting on Feb 6th 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.

ICC Government Relations' Monthly Update



INTERNATIONAL **January 2024** Follow @ICC_GR on [Twitter](#).

[Click here](#) to visit the ICC Government Relations team website.

January 17 webinar explains process for \$530 million funds to adopt latest zero building energy codes

The [U.S. Department of Energy](#) (DOE) last month [announced \\$530 million](#) will be awarded in new competitive grant funding to support states, territories, and local and tribal governments seeking to adopt the 2021 and subsequent IECC editions as well as the IECC's zero energy appendices. Of the \$530 million, between 40 and 200 awards will be made, with funding ranging from \$1 to \$20 million, with no cost-sharing requirements. An informational webinar on Wednesday, January 17, will walk applicants through the application process. [Click here to register for the webinar](#), which will begin at 2 p.m.

Eastern. Additional information is included within the full [Funding Opportunity Announcement \(FOA\)](#), and [Q&A Spreadsheet](#). [Click here](#) for the Code Council's factsheet on this new opportunity. Our team is available for grant application assistance. Click this "[Schedule a Consultation](#)" link to book a virtual meeting with the Code Council's Energy and Resilience Project Manager Stella Carr. [Read more here](#).

Code Council partners with U.S. Environmental Protection Agency to address water scarcity and safety

The Code Council recently signed a Decentralized Wastewater Management Memorandum of Understanding (MOU) between the U.S. Environmental Protection Agency (EPA) and its partner organizations. Through this agreement, the Code Council will provide leadership and resources to regulate and educate on the importance of responsible management of wastewater systems. One in five homes in the U.S. relies on private decentralized wastewater systems. The MOU is a continuation of a decades-long collaboration between the Code Council and the EPA which included information sharing on system technology, training initiatives, public awareness campaigns on septic system maintenance, and the development of materials on decentralized wastewater systems. [Read more here](#).

ICC and MBI develop new off-site construction standard as part of ICC's 1200 series of standards

The International Code Council, in partnership with the [Modular Building Institute](#) (MBI), has published a new off-site construction standard that was recently approved by the [American National Standards Institute](#). [ICC/MBI 1210-2023, Standard for Mechanical, Electrical, Plumbing Systems, Energy Efficiency and Water Conservation in Off-site Construction](#), addresses mechanical, electrical and plumbing system elements (MEP) used in off-site construction with respect to energy efficiency, water conservation, planning, designing, fabricating, transporting, and assembly within commercial and residential buildings. This new standard is part of the Code Council's 1200 series of standards that aim to address challenges faced by the [off-site construction industry](#). This includes the componentization and modularization of elements of MEP systems, the incorporation of MEP systems in componentized, panelized or modularized building elements, and the achievement of energy efficiency and water conservation requirements in off-site construction. [Read more here](#).

Here's how Lexington, Kentucky, used BRIC funding for its building department accreditation

By taking advantage of improved digitization and modernization, the City of Lexington, Kentucky bolstered its inspection processes between 2018 and 2019. A cornerstone of this initiative was the pursuit of Building Department Accreditation (BDA) through the [International Accreditation Service \(IAS\)](#). BDA signifies a building department's commitment to delivering high-quality services, adhering to proven best practices and ensuring the safety and welfare of the communities they serve. Grant funding obtained through the [Building Resilient Infrastructure and Communities \(BRIC\) program](#) was key to the city's transformation. This federal grant program is designed to support communities in their efforts to build resilience against natural disasters and other hazards and is funded by FEMA. [Read more here](#).

SAVE THE DATES! Eighth Annual Chapter Leadership Academy set for April 5-7 in Orlando, Florida

The popular 8th Annual Chapter Leadership Academy will take place during the Code Council's Leadership Week held in conjunction with the 2024 Committee Action Hearings – Group A. It will be

held at the DoubleTree at the entrance to Universal Orlando. Don't miss this excellent opportunity to earn CEUs, brainstorm with peers and learn effective methods for advancing your Chapter. Registration opens late January. Mark these dates on your calendar:

- **April 5** - Chapter Leadership Academy
- **April 6** - Chapter Leadership Academy (morning)
 - Keynote Speaker (afternoon)
 - Building Safety Month event (evening)
- **April 7** Networking opportunities
 - Panel Discussion/Lunch

Academy events will conclude at 2 pm on April 7. Chapter leaders will be reimbursed for travel plus lodging expenses for check-in on April 4 through check-out on April 7. A Chapter in good standing may choose between sending a leader to the Chapter Leadership Academy, including reimbursement for travel and lodging, OR a complimentary registration to the Annual Conference (does not include reimbursement for travel or lodging). If you have any questions, please contact your staff liaison or email [Ron Piester](#). Other ICC activities will also be held, including Membership Council Governing Committee Meetings in the morning of April 7 and the start of the Committee Action Code Hearings in the afternoon and continuing through April 16.

Twelve of the 2024 International Codes® are now available for orders through the Code Council store

The International Code Council's [2024 International Codes®](#) (I-Codes) are now available for order in print and digital formats. As part of the Code Council's digital transformation strategy to enhance the user experience, the updated I-Codes® have undergone substantial design and formatting changes, resulting in a updated design that improves both readability and sustainability. The recently released I-Codes include the 2024 editions of the:

- [2024 International Building Code®](#)
- [2024 International Plumbing Code®](#)
- [2024 International Mechanical Code®](#)
- [2024 International Existing Building Code®](#)
- [2024 International Swimming Pool and Spa Code®](#)
- [2024 International Private Sewage Disposal Code®](#)
- [2024 International Property Maintenance Code®](#)
- [2024 International Zoning Code®](#)
- [2024 International Wildland-Urban Interface Code®](#)
- [2024 ICC Performance Code®](#)
- [2024 International Fuel Gas Code®](#)

The 2024 edition of the [International Fire Code®](#) was made available for pre-order in November and now the soft cover and loose leaf are available in the store. Digital is live. Additional IFC print products are forthcoming. The 2024 editions of the [International Energy Conservation Code®](#), [International Residential Code®](#) and [International Green Construction Code®](#) will be available in coming weeks.

CALL FOR COMMITTEE: Acoustics of Built Environment Consensus Committee deadline is January 12

The International Code Council is currently seeking manufacturers, builders, code officials, design professionals, government regulators, consumers and other industry stakeholders to volunteer for the [Acoustics of the Built Environment Consensus Committee](#) (IS-ABEC). The Code Council, an ANSI and SCC accredited standard developing organization, is collaborating with Accessibility Standards Canada to create a new accessibility standard. This standard will focus on various aspects of acoustic design in the built environment, including wayfinding, noise control, design for spaces with special acoustic considerations, and more. Once appointed, this committee will have primary responsibility for the development of minimum requirements and standards through the new ASC/ICC A118 -202X entitled Acoustics of the Built Environment. **The deadline for applications is January 12.** [Click here](#) to apply.

MISSION POSSIBLE: 2024 Building Safety Month will focus on public involvement in building safety

The month-long educational campaign, which raises awareness about the importance of building codes in establishing and ensuring the safety of the built environment, kicks off on May 1. This year's theme, **"Mission Possible"** encourages people to get involved in all aspects of building safety. Each year, the

Code Council, its members and global communities celebrate building safety through proclamations, educational events and community gatherings. Building Safety Month 2024 will explore how building safety is a mission that is only possible when we work together with our local communities for positive change. The weekly themes for this year's campaign are:

- Week One (May 1–4): "Understanding the Mission"
- Week Two (May 5–11): "Preparing a Building Safety Plan"
- Week Three (May 12–18): "Learning from the Pros"
- Week Four (May 19–25): "Engaging Your Community"
- Week Five (May 26–31): "Celebrating Success in Building Safety"

"Building safety should never be taken for granted," said Code Council Board President Stuart Tom, P.E., CBO, FIAE. "By working together and spreading awareness of building codes and the role they play in ensuring safety in the built environment, we can protect the spaces where we live, work, play and learn." The Code Council provides resources to promote Building Safety Month including safety tips, promotional graphics and resources for students. More details about the 2024 Building Safety Month will be released in the coming months. Be sure to visit [here](#) for more information. Show your commitment to building safety and become a Building Safety Month sponsor by visiting [here](#). View the 2024 BSM Poster [here](#). And you can [download](#) and [get instructions here](#) on 2024 BSM proclamations.

Launch of the Buildings Breakthrough at COP28 supported by 28 nations, including USA and China

During the thematic day for Multilevel Action, Urbanization and Built Environment/Transport held recently at the global climate conference, COP28, the Buildings Breakthrough was formally launched. The Buildings Breakthrough is a cross-sectoral campaign to support governments in the universal adoption and implementation of near-zero emission and resilient buildings by 2030. It is supported by 18 private sector-led initiatives, including the [Building Capacity for Sustainable and Resilient Buildings Initiative](#) led by the International Code Council. [Read more here](#).

FEMA releases its 2023 annual report to identify strengths and weaknesses of disaster preparedness

The [Federal Emergency Management Agency](#) (FEMA) recently released its annual [2023 National Preparedness Report \(NPR\)](#) which provides an overview of the current state of national preparedness for all levels of government and identifies strengths and areas for improvement.

This year's NPR focuses on the four core trends to provide a clearer understanding of risks and capabilities. These capabilities are based on data trends from the [2022 National Household Survey on Disaster Preparedness, Threat and Hazard Identification and Risk Assessment](#), the [Stakeholder Preparedness Review](#) and the [National Stakeholder Preparedness Review](#). [Read more here](#).

Code officials and stake holders benefit when they collaborate to improve standards and regulations

Code enforcement officers are always finding new ways to address violations and safety concerns within their communities. Many times, they rely on the expertise of coworkers, or governmental agencies, to assist in finding a resolution to an often tricky, and possibly politically driven, circumstance. It is crucial that code enforcement officers maintain a collaborative mindset in order for their community to benefit as a whole from their work. [Read more here](#).



ICC Plumbing, Mechanical and Fuel Gas updates

Code Council, key industry stakeholders collaborate to resolve global water supply's problems, threats

The development, adoption and enforcement of new plumbing standards is essential to ensuring safe, efficient and sustainable water distribution systems that safeguard public health and conserve resources for future generations. Understanding this, the International Code Council, a leading global source of model codes, standards, and building safety solutions, has been expanding its engagement into the plumbing, mechanical and fuel gas (PMG) industries. To ensure that all communities have access to hygienic water, the Code Council is actively bringing together key industry stakeholders to discuss the global water supply's problems and threats. Some of these issues include:

- Problems with private sewage systems
- Older plumbing infrastructure
- Inefficiencies in water management

- Pollution and runoff
- Improper groundwater management

The [Flint water crisis](#), which started on April 25, 2014, illustrated the devastating consequences of neglecting proper plumbing infrastructure maintenance (Ruckart et al., 2019). [Read more here.](#)

Discover the new 2021 International Water Conservation Code Provisions (IWCCP)

The new [International Water Conservation Code Provisions \(IWCCP\)](#) is the industry's all-in-one resource, encompassing the 2021 International Codes and selected standards for water conservation. It's designed for seamless implementation of water systems, catering to both commercial and residential projects. [Read more here.](#)

ICC's Mark Fasel provides insights to trends foreseen in recent Plumbing & Mechanical Engineer article

Looking ahead in 2024, there could be a boost to construction associated with manufacturing, transportation infrastructure and clean energy infrastructure as funds from three key pieces of legislation passed in 2021 and 2022 — the Infrastructure Investment and Jobs Act (IIJA), the Inflation Reduction Act (IRA), and the Creating Helpful Incentives to Produce Semiconductors (CHIPS) Act — are expected to flow into the industry, according to Deloitte's 2024 Engineering and Construction Industry Outlook. As such, construction confidence remains high, with the Associated Builders and Contractors (ABC) identifying expectations for an increase in profit margins and staffing levels, particularly in the first half of 2024. There are several trends to keep an eye on in 2024, according to Mark Fasel, director, PMG technical resources for the International Code Council (ICC). [Read more here.](#)



ICC Evaluation Services updates

First certification, issued to Cabinetworks Group, verifies manufacturer's compliance with criteria

The ICC Evaluation Service (ICC-ES) has unveiled a new certification program that utilizes its proprietary Environmental Criteria for Safe and Sustainable Cabinetry (EC118). The Safe and Sustainable Cabinetry (SASC) Program provides independent and comprehensive third-party verification for cabinet manufacturers on the performance, sustainability and environmental requirements outlined in EC118. SASC is the first program in the industry that requires ISO/IEC 17065-accredited third-party evaluation of cabinets to the performance and construction standard ANSI A161.1. It also requires independent verification of compliance with US EPA TSCA Title VI. [Read more here.](#)

Manufacturers, like Scottsdale Construction Systems, benefit from Global Certifications with ICC-ES

ICC Evaluation Services (ICC-ES) provides conformity assessment services to customers in 60 countries [worldwide](#). As the marketplace becomes increasingly global, many manufacturers are utilizing the one-stop-shop testing, inspection and certification provider to obtain proof of code compliance for multiple geographies. Manufacturers benefit from multiple code recognitions, expanding their market reach and speeding up approvals. An ICC-ES client, [Scottsdale Construction Systems](#) recently added recognition to the Abu Dhabi International Building Code to their [ESR-2093](#) Evaluation Report as well as recognition to the Australian Building Code, New Zealand Building Code, and Saudi Building Code to [ESR-1538](#) for cold-formed steel metal framing members via supplement reports. [Read more here.](#)



ICC Community Development Solutions update

Easily track applications and related tasks through the entire process using Muncicity

A webinar on Muncicity's Planning & Zoning Applications Program of Work will be held at 1 p.m. Eastern on Thursday, January 11. Find out how Muncicity makes it easier to:

- Intake applications and manage internal review from start to finish.
- Attach building plans and additional documents.
- Manage the escrow and bond process.
- Add and manage tasks, including comments, inspections, checklists, and more!

Muncicity is the only ePermitting and Code Enforcement software from the International Code Council. To learn more, visit its [website](#).



Efficiency Division Updates

CALIFORNIA ENERGY COMMISSION

ICC Monthly Meeting

January 2024

Updates

- **2025 Energy Code development** - see timeline on last page
 - **CASE Reports**
 - 2025 **Draft Express Terms** and **Draft Reference Appendices** are now available
- **Business meeting agendas and recordings**
 - Business meeting: December 13
 - Approved the City of San Luis Obispo's local ordinance which requires that all newly constructed buildings exceed the 2022 Energy Code by a specific margin depending on the building type
 - Jan 24 Business meeting: [agenda pending]
- **Blueprint #144 October-December 2023** - Topics include 2025 Energy Code, daylighting, energy storage systems, water heating and more.
- New **2022 Commissioning** presentation posted to ORC
- Request for information on the **whole-house home energy rating program**. Comments due by February 23.
- Request for information on the **Inflation Reduction Act HOMES rebate program**. Comments due January 26.

Energy Code Training and Events

- **Energy Commission training and events**
 - [none currently scheduled]
- **Energy Code Ace training**
 - Jan 9 – 2022 Energy Code – What's New: Nonresidential
 - Jan 10-12 – 2022 Energy Code – Single-Family for Energy Consultants
 - Jan 16 – EnergyPro Introduction: Single-Family
 - Jan 17 – EnergyPro Advanced: Single-Family
 - Jan 18 – 2022 Energy Code – What's New: Residential
 - Jan 23-24 – CBECC-Res Introduction
 - Jan 30 – 2022 Energy Code – Mechanical Systems: Single-Family
 - Jan 31 – 2022 Energy Code – Acceptance Testing
 - Jan 31-Feb 1 – 2022 Energy Code – Nonresidential & Multifamily for Plans Examiners

- **3C-REN training**
 - Jan 11 – Introduction to the Energy Code
 - Jan 24 – Batteries: Options and Implementation for a Building’s Energy Storage System
 - Jan 30 – Introduction to Residential HVAC Systems
 - Jan 31 – Energy Code Compliance: HERS Measures (Pt 1)
- **PG&E training**
- **Southern California Edison training**
- **SoCal Gas education**

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	Jan – Feb 2024
15-Day Express Terms Review	Apr 2024
2025 Energy Code Adopted	Jun 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: Residential Electrification in the Real World: Navigating Panels and Permits

If you and your staff were not able to attend the BayREN Codes and Standards Forum on December 7th the presentation materials, recordings, and Q&A log are now available on the BayREN events web page.

Description: California and local governments have ambitious building decarbonization goals. Translating those goals into real world conditions will be necessary for success. This forum will explore several hurdles to residential electrification, including electrical panels and building permits, and ways to overcome them. Join us to learn more about how to tell when an electrical panel needs to be upsized, options for electrifying on existing panels, and how building permits and zoning codes may be modified to remove barriers for heat pumps. Understanding these issues can help jurisdictions streamline options for residential decarbonization, reducing costs and challenges for staff and residents alike.

[Forum Recording & Presentation Materials Link](#)

BayREN C&S Training: Residential Additions

Location: via Zoom

Date: Wednesday, January 31, 2024

Time: 9:00 am –10:30 am

Description: This course will focus on Energy Code requirements and processes for residential additions.

Topics Covered: Comprehensive residential energy code compliance processes, compliance forms, prescriptive and performance approaches, and HERS features, specific to additions.

Target Audience: Permit Technicians, Plan Checkers, Field Inspectors

ICC CEUs: 0.1

[Webinar Registration Link](#)

BayREN C&S Training: Residential Alterations Compliance

Location: via Zoom

Date: Wednesday, February 14, 2024

Time: 9:00 am –10:30 am

Description: This course will focus on Energy Code requirements and processes for residential alterations projects such as HVAC changeouts, window replacements and water heater replacements.

Topics Covered: Comprehensive residential energy code compliance processes, compliance forms, prescriptive and performance approaches, and HERS features, specific to additions.

Target Audience: Permit Technicians, Plan Checkers, Field Inspectors

ICC CEUs: 0.1

[Webinar Registration Link](#)

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.

Applicant Tools & Guides

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

Energy Code Ace 2022 Title 24, Part 6 Trainings

2022 Title 24, Part 6 Essentials — Multifamily Standards for Building Inspectors

Location: Online

Date: February 14-15, 2024 (two half-day sessions)

Time: 1:30 pm –4:30 pm

Description Use the 2022 Multifamily Energy Inspection Checklist to practice streamlined inspection of installation scenarios while also targeting top categories of high-value energy savings and impact on compliance. Effective building energy efficiency enforcement is reviewed and practiced as a comprehensive process — from initial consult of building features listed in permitted documentation to review of what contractors document as installed to visual confirmation of these features on-site. This highly interactive online live course is designed to provide Building Inspectors with the essential knowledge and skills they need to more quickly and effectively enforce California’s 2022 Multifamily Building Energy Efficiency Standards (Title 24, Part 6 or the Energy Code). This course is delivered in two half-day sessions held on two consecutive days. Participants must attend both sessions to complete the course.

ICC CEUs: 0.7

[Registration Link coming soon!](#)

2022 Title 24, Part 6 Essentials — Nonresidential Standards for Building Inspectors

Location: Online

Date: March 19-20, 2024 (two half-day sessions)

Time: 1:30 pm –4:30 pm

Description: Use the 2022 Nonresidential Energy Inspection Checklist to practice streamlined inspection of installation scenarios while also targeting top categories of high-value energy savings and impact on compliance. Effective building energy efficiency enforcement is reviewed and practiced as a comprehensive process — from initial consult of building features listed in permitted documentation to review of what contractors document as installed to visual confirmation of these features on-site. This highly interactive online live course is designed to provide Building Inspectors with the essential knowledge and skills they need to more quickly and effectively enforce California’s 2022 Nonresidential Building Energy Efficiency Standards (Title 24, Part 6 or the Energy Code). This course is delivered in two half-day sessions held on two consecutive days. Participants must attend both sessions to complete the course.

ICC CEUs: 0.7

[Registration Link coming soon!](#)

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.