



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

REACO / MCCAB Joint Meeting: October 9th, 2024
HELD AT: Marin County Civic Center 3501 Civic Center Dr.,
Room 308 San Rafael, CA 94903

MEETING START TIME IS 12:00 pm
You can also join virtually through the Zoom link below.

<https://us06web.zoom.us/j/81117102863?pwd=B0mOnYffaNKPRtNfGwkCz4Vo0DXbL.1>

CALL TO ORDER and PLEDGE OF ALLEGIANCE

APPROVAL OF MINUTES – September 10th meeting

OFFICER REPORTS

President: Richard Angley –

1. The Officers meeting was held Virtually on 9/18/24
 - a. MCCAB Joint Meeting – Oct 9th
 - b. Cell Phone for REACO
 - c. Additional Laptop
 - d. Nominations Committee **
 - e. Sending a REACO member to nearby chapter meetings.
 - f. Taxes

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

PROGRAM

Instructor: Russell King, M.E

HERS-Verified Quality Insulation Installation (QII)

Description: This course will Identify requirements associated with QII that may be unique and atypical to a residential construction project; discuss how a project can start off on the right foot with support within the design drawings; and equip you with additional resources about QII.

ADJOURNMENT – next meeting on November 5th 2024. In Windsor - meeting invite will be sent out later in the month for those attending virtually.

2024 BayREN Energy Code Trainings & Events

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

Quarterly Forum – Materials available

BayREN Regional Forum: Heat Pump Water Heater Permitting: Preparing for a Decarbonized Future

Location: Forum materials available

Date: Tuesday, September 10, 2024

Time: 9 a.m. – 12 p.m.

Description: This was a special in-person, interactive Forum focused on permitting for heat pump water heaters. California has an ambitious goal of installing 6 million heat pumps by 2030; homeowners can draw on millions of dollars in incentives to switch to heat pumps; and the Bay Area Air Quality Management District has adopted rules that will require zero-NOx appliances such as heat pumps. As a result, building departments will see increasing numbers of permit applications for heat pump projects.

Attendees learned how BayREN can support municipalities, contractors, and other stakeholders to improve the process as we prepare for the future. This In-Person Forum was free and open to all.

[Forum Materials Link](#)

Live Online Trainings

BayREN C&S Training: Residential Alterations Compliance

Location: live online

Date: Wednesday, October 16, 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: HERS registries, what projects are required to be in the registry, how to track CF1R, CF2R and CF3R forms electronically so hard copies do not need to be printed, with a special focus on HVAC alterations compliance and inspections.

Target Audience: Permit Technicians, Plan Checkers, Field Inspectors

ICC CEUs: 0.1

[Webinar Registration Link](#)

BayREN and Energy Code Ace C&S Training: 2022 Single-family Standards HERS-Verified Quality Insulation Installation (QII)

Location: live online

Date: Thursday, October 24, 2024

Time: 9:00 am –10:30 am

Speakers: Gina Rodda and Rush King, M.E.

Description: This course focuses on prescriptive quality insulation installation (QII) requirements in the 2022 Energy Code for new single-family buildings of any size and additions greater than 700 ft².

This presentation helps:

- Designers and architects create projects that meet QII
- Energy consultants clarify the minimum requirements and schedule of inspections the team needs to succeed when the Certificate of Compliance (CF1R) calls for QII

- Contractors coordinate with HERS raters and subcontractors on inspection dates and other QII requirements
- Building departments support QII projects at plan check and inspection to ensure the QII process goes smoothly
- HERS raters communicate with the construction team on how to prepare a project to meet QII requirements during HERS inspections

Course Objectives:

- Identify quality insulation installation (QII) requirements that may be unique or atypical for single-family construction
- Recognize how a project should start off on the right foot with good documentation in the design drawings to support QII
- Organize construction team for the QII construction inspection schedule and understand what the HERS rater will evaluate
- Discover additional resources available to learn more about QII (HERS providers, HERS raters, Energy Code Ace)

Target Audience: Building Department Staff, Building Professionals, Contractors

ICC CEUs: 0.15

[Webinar Registration Link](#)

BayREN C&S Training: Heat Pump Water Heaters for Building Departments

Location: live online

Date: Thursday, November 7, 2024

Time: 9:30 am –11:00 am

Description: Heat pump water heaters (HPWHs) are an increasingly popular technology that are a highly efficient means of providing hot water to houses. This training will describe HPWHs, code requirements for HPWHs, resources for permitting and compliance, and best practices for enforcement.

Topics Covered: Compliance Forms, Energy Code, Heat Pump, HVAC, Single Family

Target Audience: Building Department Staff

ICC CEUs: 0.1

[Webinar Registration Link](#)

BayREN Quarterly Open Energy Policy and Reach Code Working Group

Note that this working group is for local government staff only.

Local government staff are invited to participate in this quarterly working group focused on energy policy/reach codes. The next call is scheduled for **Thursday, 10/24/2024 from 2-3PM**. The call is attended by local government staff in the 9 Bay Area Counties served by BayREN including Sonoma, Napa, Marin, Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara and Solano. It is a great opportunity to network with other local government staff about reach codes and energy policies and to learn about resources available through BayREN and the Statewide Codes & Standards team and others.

If you would like to be added to the email list for these calls, please email Karen Kristiansson, the BayREN Codes and Standards Program Manager, kkristiansson@bayareametro.gov

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](#)

Commercial Lighting – The CodeCycle electronic tool for Title 24 commercial lighting compliance presents code requirements in plan-view and catches errors and discrepancies through automated compliance analysis. [Learn about tool](#)

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

Applicant Tools and Guides - Help contractors, homeowners and others prepare successful permit applications with easy-to-understand explanations of the code requirements for their projects. [Applicant Tools & Guides](#)

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](#)

On-Demand Trainings

<https://www.bayren.org/events-training#on-demand>

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



ICC Chapter Monthly Meeting

October 2024

Energy Code Related Updates

- **Business meeting agendas and recordings**
 - **Sept 11 Business meeting:**
 - Adoption of the 2025 Energy Code and 2025 CalGreen update
 - Approved Local ordinances exceeding the 2022 Energy Code
 - City of Palo Alto - Additional electric readiness requirements and increases source energy compliance margins for newly constructed single-family, multifamily, and nonresidential buildings
 - City of East Palo Alto - Additional electric readiness requirements and increases source energy compliance margins for newly constructed single-family, multifamily, and nonresidential buildings
 - City of Encinitas - Additional electric readiness requirements and increases source energy compliance margins for newly constructed single-family and multifamily buildings
 - City of San Luis Obispo - additional electric readiness and energy efficiency requirements for major additions and alterations of 500 square feet or more to existing single-family buildings
 - City of San Rafael - additional energy efficiency requirements for existing single-family additions, alterations, or remodel projects exceeding 500 square feet
 - **Oct 3 Business meeting**
 - Possible approval of Local ordinances exceeding the 2022 Energy Code:
 - City of San Jose - additional electric readiness requirements and increased source energy performance compliance margins for newly constructed single-family residential buildings
 - Town of Corte Madera - additional energy efficiency and electrification measures for single-family additions and alterations \geq 750 square feet
 - Next Business meeting: November 13
- **2025 Energy Code development** - see timeline on last page.
 - New **2025 Energy Code fact sheet**
- **Blueprint Newsletter #147 July-September** (coming soon)
- October 2: **Energy Code Development Support pre-bid conference**. Submission deadline October 16.
- September 18: Whole-house **Home Energy Rating and Labeling Calculation Methods workshop**. Comments due October 4.
- Appliance Efficiency program **regulatory advisories** posted.

Energy Code Training and Events

- **Energy Commission training and events**
 - Sept 30-Oct 3 – CALBO Education Week: Exhibition Booth
 - Oct 20-21 – ICC Conference: Exhibition Booth
 - Oct 29-31 – CALBO Education Week: Education Booth
- **Energy Code Ace training**
 - Oct 1-2: 2022 Single-Family for Building Inspectors
 - Oct 3: 2022 Single-Family, Intro to Performance Approach
 - Oct 8-10: 2022 Single-Family for Energy Consultants
 - Oct 8: 2022 Single-Family Modeling Tips
 - Oct 9-10: 2022 Nonresidential for Architects & Designers
 - Oct 15: 2022 Analyzing the CF1R; 2022 Single-Family Mechanical
 - Oct 16: 2022 Single-Family EnergyPro Introduction
 - Oct 17: 2022 Single-Family EnergyPro Advanced
 - Oct 22-23: 2022 CBECC-Res Introduction
 - Oct 23-24: 2022 Nonresidential for Building Inspectors
 - Oct 29: 2022 Acceptance Testing
 - Oct 29-30: 2022 Nonresidential & Multifamily for Plans Examiners
 - Oct 30-31: 2022 CBECC-Res Advanced
- **BayREN training**
 - Oct 2: Residential New Construction Compliance
 - Oct 9: Residential Additions Compliance
 - Oct 16: Residential Alterations Compliance
 - Oct 24: Single-Family QII
- **3C-REN training**
- **I-REN training**
 - Oct 10: 2022 Code Breaker – Nonresidential HVAC Packaged or Split DX Alterations
- **SoCal REN resources**
- **PG&E training**
- **Southern California Edison training**

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](#)

2025 Energy Code Development Timeline	
2025 Compliance Manuals and ACM Reference Manuals Approved	Nov 2024
CASE Study Results Reports and CCSR's Complete	Dec 31, 2024
2025 Compliance Software Available to Public	Jan 1, 2025
2025 Standards Effective	Jan 1, 2026