March 2, 2021 Meeting Minutes

Redwood Empire Association of Code Officials

***1007-B West College Avenue* # 326 Santa Rosa, CA 95401**

March 2nd. meeting was held virtually on WebEx

1. **CALL TO ORDER AND PLEDGE OF ALLEGIANCE**
   The meeting was called to order at 12:00 pm. by David Willoughby, which was followed by the pledge of allegiance.

2. **SELF INTRODUCTIONS - (Officers, Guests, Members)** skipped because a list of attendees was on the screen. There were 22 members and guests at this meeting.

3. **APPROVAL OF MINUTES –**

   A motion to approve the November meeting minutes was made by Kris Kuntz and seconded by Eric Seabrook with the membership voting to approve the minutes as posted to the REACO website.

4. **OFFICERS REPORTS**

President: David Willoughby –

- David – Depending on the COVID-19 restrictions we will hopefully start meeting in person at Cattlemen's in June.

Treasurer: Kris Kuntz –

Jan Account transactions summary:

Checking beginning balance:	**$25,032.06**
Deposits:	**$ 150.00**
Interest	**$ .19**
Debits and Checks:	**$ (520.00)**
Checking ending balance:	**$ 24,662.25**

- David verified the checking account balance to be correct.

Vice President: Steve Nelly –

- No Report

Secretary: Matt Keizer –

- Absent

Past President: Jay Bradford –

- No Report.

LIAISON REPORTS

SCFPO: Devon Gambonini

- They are launching a new program called Sonoma County Adapt to help with structural hardening via grants. More information will be coming.

ICC: Jim Sayers –

- Board is meeting 3/3/21 on how to develop the IECC code.
- Committee action hearing are coming up in May.

ICC: Susan Dowty –

- **ICC Award nominations** are due **March 15th**: For more information, click here.

- The theme for the 41st Annual Building Safety Month is "**Prevent, Prepare, Protect. Building Codes Save**." For more information and to submit your proclamation, please visit: **www.buildingsafetymonth.org**.

- **Virtual Group A Committee Action Hearings** take place April 11 - May 5, 2021: more info.
  Register to virtually attend the hearings here https://www.iccsafe.org/about/news-and- events/2021-cah/

  Group A code changes are to be posted here. https://www.iccsafe.org/products-and-services/i-codes/code-development-process/2021-2022-group-a/

  To check or validate voting status.
  https://av.iccsafe.org/eweb/DynamicPage.aspx?WebCode=LoginRequired&expires=yes&Site=icc

  For more info on voter validation.
  https://www.iccsafe.org/voter-validation-process-faqs/?utm_source=hs_email&utm_medium=email&utm_content=107421081&_hsenc=p2ANqtz--dSq9HRCud2xmpiu_Di7AoR3uhNHVsPOvM9T98ZPT7bQSovvpNobuPZ91O5XImm8rmrWkRqF_QVZ_s-kJKtnfYz8i0Oq4sOogaqiLPn2RUDroNfrk

- **March 11th**: ICC's one day 2018 IWUIC Virtual Training . This seminar provides basic code knowledge for proper application of the ***2018 International Wildland Urban Interface Code***. Instruction focuses on basic code concepts with a focus on mitigating fire risks to structures and wildland.

- **ICC Pandemics Task Force:** The Pandemics Task Force had its kickoff meeting on Feb. 24th and seven Work Groups were identified. If you're interested in joining a Work Group, please contact nburning@iccsafe.org.

- Check out the National Institute of Standards and Technology (NIST) report on the details of Paradise's **Camp Fire** including a timeline detailing the spread of the fire.

- In Episode 37 of **ICC's Pulse Podcast**, Gabe Maser, Code Council Vice President of Government Relations and National Strategy, talks with Edward Laatsch, Director of the Planning, Safety and Building Science Division, about FEMA's recent report *Building Codes Save – A Nationwide Study of Loss Prevention.*

Latest Pulse Podcasts:

- Episode 36 of the ICC Pulse Podcast spotlights Code Council Assessment Center Program Manager / Test Developer Doug Hatch talking with Special Inspector and Senior Project Manager Kenneth Morong about special inspectors and the benefits of special inspections. They also touch on the benefits of a Code Council certification and Kenneth's experience serving on the Exam Development Committee for the Special Inspector exams.

- Also see attached Monthly Update document for full report.

CBOAC: Eric Seabrook --

- No Report

CALBO: Shane Diller –

- Absent

CEC: Amie Brousseau --

- See PV statewide snow load exemption in attached.
- CEC has published the pre-rulemaking draft of the 2022 Energy Code Express Terms to inform the general public and to solicit feedback on the proposed amendments. Written comments should be submitted by March 9.
- See attached California Energy Commission Document for full report.
- Still offering trainings please contact Amie if interested. Amie.Brousseau@energy.ca.gov

IAEI: Mike Stone/Doug Hughes –

- Absent
  .

BayREN: Christine Condon –

- BayREN Live Online Monthly Spring Energy Code Training Series:
  The series takes a closer look at some of the biggest changes to energy conservation technologies and construction practices in the 2019 Energy Code for residential new construction, additions and alterations. HERS-Verified Quality Insulation Installation (QII) Live Online Webinar Date: Thursday, March 4, 2021 Time: 10:00 am – 11:00 am
- Mentioned online training is available on their website. https://www.bayrencodes.org/services/trainings/
- More training to come. Also see attached document from BayREN for full report.

SMART: Doug Williams –

- Windsor extension project on hold for weather and funding.
- Completed trainings for Fire services last month.

RECSI: Pete Lemone –

- **Absent**

RECSI: Carolyn Glanton reported –

- Will be Meeting this Thursday.
- Also, will be opening board and committee possessions for the upcoming year.

ICC Region 1: Charles Lucas –

- Next meeting April 27th. Will have a report at the May REACO meeting.

AIARE:

- No Report

1. COMMITTEE REPORTS

Structural Hardening Committee: --

- Jay Bradford presented a short presentation of status. More information to come.

Education Committee: Eric Seabrook / Kevin Scheumann –

- Coordinated with Christine Condon from BayREN to provide monthly Energy Code Training starting on April 21st. All classes are 1 hour and start at 9:00 AM. Make sure you sign up and take advantage of this free training. CEU's are available by contacting Christine.
- Talked with Mike Stone and Mike will be able to set up some NEMA training for REACO in the next 30-60 days. More information to come.
- Looking into re-cap / refresher for 11A.
- Also looking for members that would be interested in participating in the education committee, please contact Eric if interested. Eric@phillipsseabrook.com

Web-Site Committee: David Willoughby -

- No issues to report.

Audit Committee: Jay Bradford/Doug Williams

- Submitted the audit report memorandum. See attached document. Please review if there are questions, we can go over them at the next REACO meeting.

Virtual Membership Meeting Committee: Sal Lucido, Tony Piazza, Jay Bradford –

- Sal Lucido – Looking into cost for REACO to do in house vs hiring a professional audio & video consulting. Will present a report at next month's meeting.

CORRESPONDENCE AND ANNOUNCEMENTS:

- None

2. LEGISLATIVE NEWS:

- None

3. CODE ISSUES:

- **None**

4. PROGRAM:

- Russ King - BayREN Codes & Standards Residential New Construction Training Description: This course provides a basic review of the residential new construction energy code. Topics Covered: Comprehensive residential energy code compliance processes, compliance forms, prescriptive and performance approaches, and HERS features, with a focus on new construction and larger additions.

5. OLD BUSINESS:

- None

6. NEW BUSINESS:

- None

7. ADJOURNMENT:

- The meeting was adjourned at 2:18 pm by David Willoughby.
- **The next meeting; will be held on April 6, 2021 via WebEx.**

ICC Government Relations Monthly Update – March 2021

Follow @ICC_GR on Twitter for breaking news & announcements throughout the month. Click here and here for the ICC Government Relations Staff Regional Maps.

'Prevent, Prepare, Protect': Building Safety Month proclamations are available for you to use
Each May, Building Safety Month is the code official's opportunity to raise the profile of their professions and to educate consumers, decision makers and other stake holders about their value to America's economic growth and safety. This year's observance theme is "**Prevent, Prepare, Protect. Building Codes Save**." One of the best grassroots opportunities to amplify the value of code officials and building codes is the Building Safety Month proclamations. The 2021 proclamation draft is available here with a guide which can be downloaded. Do not overlook this opportunity to have your ICC Chapter President to sign a proclamation on behalf of your chapter. And don't miss the opportunity to have 2021 BSM proclamations signed by mayors, county commission chairs, state legislators, Governors and associations and businesses who support a safe and resilient built environment. More can be found at www.buildingsafetymonth.org. To view and download this year's campaign poster, click here. Follow along on social media using the hashtag #BuildingSafety365. **Read more here**.

SIGN UP: Registration is now open for the International Code Council Committee Action Hearings
The International Code Council will conduct the 2021 Committee Action Hearings (CAH) from April 11 to May 5 for Group A Codes virtually for the first time in the organization's history. This year's code hearings offer code officials, architects, builders, engineers, and fire and energy conservation professionals the opportunity to provide input on proposed code changes to the Group A International Codes. The proceedings will be live streamed at a provided web link. Attendees will be able to soon sign up here to receive text message updates about the progress of code change hearings. Sessions are open to the media and public. Registration is required to participate or view. Please register at no cost here.

- Check out the 2021/2022 Code Development Schedule and see page 2 for details on code chapters, notes and committee information for the Group A codes.
- Download infographics about the process: How It Works and By The Numbers.
- For more information about the code development process, click here.
- Group A code changes are to be posted here.

For registration and hearing procedural questions, email the ICC Customer Success Center at customersuccess@iccsafe.org or phone 888-ICC-SAFE (888-422-7233), ext. 0. **Read more here**.

March 15 is the deadline for Annual Chapter Report and nominees for the 2021 ICC annual awards
The official due date is March 15 for both the Annual Chapter Report and the nominees for the ICC annual awards. Chapter leaders may go to their "myICC" page and click on "Chapters" to submit their reports. The Code Council presents awards in several categories each year to honor individuals and organizations for their accomplishments and service to the Code Council and the building safety industry. Click here and here to apply for the awards presented at various events, including at the Code Council Annual Conference in September. Click here to view the 2020 award recipients.

SAVE THE DATES: Code Council will open registration soon for second ICC Learn Live April 19-22
After the success of last November's **ICC Learn Live** event, the Code Council will offer another virtual training series this spring where you can join your fellow professionals, earn valuable CEUs, and learn more about the most pressing issues and priorities for building safety professionals. This year's event will take place April 19-22 and **registration will open in mid-March**. Watch your emails for more.

ICC and NAACP examine how building regulations support sustainable communities on March 2
The International Code Council and the NAACP Centering Equity in the Sustainable Building Sector (CESBS) Initiative have joined to lead a critical conversation about the role of building codes at the

upcoming webinar, "Cracking the Code: Using building regulations to support a more sustainable community." The presenters at this webinar on March 2 are:

- Henry L. Green, Hon. AIA and former President of the ICC Board of Directors
- Anthony Floyd, Fellow AIA, BEAP, Member ASHRAE, LEED® AP, Senior Green Building/Energy Code Consultant for the City of Scottsdale
- Kathryn Wright, Urban Sustainability Directory's Network Programs Director, Building Energy
- Alice Sung, Founding Principal, Greenbank Associates, and Participant at the 2020 U.S. Grassroots Accelerator

Taking an environmental and climate justice lens, the webinar will focus on assessing areas of improvement and strategies to ensure that building codes protect frontline communities and result from deep democracy. **Read more here**.

Pandemics Task Force draws 85 participants and identifies seven work groups at recent first meeting
The ICC Pandemics Task Force held its kickoff meeting on February 24 with more than 85 participants. The following seven work groups were identified for future research: Architectural, fire safety, structural, plumbing and mechanical, electrical, environmental and operations. Those interested in joining one of the work groups should contact Neil Burning, Task Force Liaison, nburning@iccsafe.org.

ICC partners with ACCA and RESNET to develop new standard for grading HVAC system installations
The Code Council's partnership with the Air Conditioning Contractors of America (ACCA) and the Residential Energy Services Network (RESNET) has yielded the *ANSI/RESNET/ACCA/ICC 310-2020 Standard for Grading the Installation of HVAC Systems*. The new standard is the product of a collaborative effort that establishes procedures, tolerances, and record keeping practices for evaluating and grading elements of an HVAC system's design and installation. It applies to Unitary HVAC systems and is comprised of five tasks: a design review, a total duct leakage test, a Blower Fan volumetric airflow test, a Blower Fan watt draw test, and a noninvasive evaluation of refrigerant charge. **Read more here**.

PEI acquisition enhances ICC's product testing, evaluation, inspection, off-site construction offerings
The International Code Council recently announced it has acquired Progressive Engineering Inc. (PEI), a product testing, evaluation and inspection agency. Based out of Goshen, Indiana, PEI will expand the Code Council's offerings in the commercial off-site construction space. PEI has been recognized nationally for its expertise in architecture, engineering, surveying, soil borings, product testing, evaluation, and inspections. **Read more here**.

New agreement between ICC and RESNET strengthens efforts to improve energy code compliance
The Residential Energy Services Network (RESNET) and the International Code Council entered into a formal agreement to build a stronger relationship between the two organizations and to improve energy code compliance. The goals of the agreement are for RESNET and the Code Council to:

- Position HERS® Raters as a resource in improving energy code compliance, cooperation on advocacy and public policy matters, which both organizations support.
- Explore and implement joint business opportunities that benefit both organizations members.
- Collaborate to jointly optimize the development of codes and standards to improve safety, affordability and energy efficiency in the built environment.

"While we continue to improve the energy efficiency requirements in model codes, we cannot ignore the fact that the most critical component of these codes is their proper enforcement," ICC Chief Executive Officer Dominic Sims, CBO, said. "Code officials will have an opportunity to leverage certified IECC/HERS Compliance Specialists as individuals with knowledge and experience in the building sciences and the inspection and testing of a home's energy performance." **Read more here**.

TAKE THE SURVEY: Code Council wants to learn from your on-site, off-site construction experiences
The Code Council is conducting a survey on remote virtual inspections and electronic plan review and wants to know your experience with inspections and plan review for on-site and off-site/prefabricated

construction. Survey participants will help improve offerings in these areas and will receive the model program guide on remote virtual inspections to share with your team when it's ready. Join the survey.

Growing interest in better visualization of projects inspires new technologies and cost/time savings
Mounting demand from healthcare clients for better visualization of projects throughout design and construction inspired architecture firms to turn to technology to provide a window into what a building will look like, long before it's open. However, those solutions — virtual reality, 3-D modeling and drone fly-throughs — have come with additional benefits, as well. Now designers are realizing cost and time savings as well as enhanced project team communication. **Read more here**.

Global Resiliency Dialogue releases report detailing consideration of climate risk in building codes
The Global Resiliency Dialogue published findings of its first international survey in the report, *The Use of Climate Data and Assessment of Extreme Weather Event Risks in Building Codes around the World*. The Global Resiliency Dialogue was established in 2019 by The International Code Council, the Australian Building Codes Board, the National Research Council of Canada, and the New Zealand Ministry of Business, Innovation and Employment, to foster global collaboration in addressing evolving climate risks in codes and standards. The aim is to create an international resiliency guideline and enable collaborative research efforts to aid jurisdictions to better prepare the building stock to withstand the more extreme weather events, including high wind, flooding, and wildfire, that the evidence and science tells us have been and will continue to increase in frequency and duration. **Read more here**.

Report on California's deadly Camp Fire of 2018 provides communities insights on multi-pronged fires
The Camp Fire was the costliest disaster worldwide in 2018, causing 85 deaths and destroying more than 18,000 buildings. It is the deadliest and most destructive wildfire in California history. A new report from the National Institute of Standards and Technology reviews the Camp Fire's multi-pronged attack. Research into these threats could fill critical knowledge gaps, paving the way for science-based codes, standards and practices that could help communities outsmart fires. View the report here.

TRUST BUT VERIFY: IAS senior accreditation officer explains how certification provides protections
The certification decision review for management systems is the one time any certification entity, other than the auditor, can make a technical determination regarding the effectiveness of a system. Patrick McCullen, International Accreditation Service senior accreditation officer, explains how in the conformity assessment industry, the certification decision is the last firewall protecting certification bodies from malpractice, ambiguity and liability when it comes to certified customers. **Read more here**.

Code Council's Digital Codes Premium system updates accounts with an auto-renew feature
The ICC Digital Codes now automatically updates Premium Subscription accounts with an auto-renew payment when current subscription periods expire, which simplifies account payments. Subscribers also access new codes, custom codes and standards each month. With auto-renewal subscribers will:

- Save time and eliminate the hassle of manual payments
- Decrease missed or late payments which may disrupt access
- Avoid multiple renewal notices

Once the update is complete, subscribers will receive an email notification that their accounts have been updated. To manage or update Premium subscription(s), including billing, view history or cancellation, click here or select Digital Products and Subscriptions under the My Account menu. Otherwise no further action is necessary. For any questions, please email support@iccsafe.org. Learn more about the Digital Codes Premium Complete in this 60-minute webinar on March 10.

GOT PULSE? **GR's Gabe Maser talks with Edward Laatsch about FEMA's report 'Building Codes Save'**
In Episode 37 of ICC's Pulse Podcast, Gabe Maser, Code Council Vice President of Government Relations and National Strategy, talks with Edward Laatsch, Director of the Planning, Safety and Building Science Division, about FEMA's recent report *Building Codes Save – A Nationwide Study of Loss Prevention.*

A note to Code Council members about our friends and colleagues recovering from extreme cold
While much of the rest of the nation has experienced a winter with its anticipated cold temperatures, high winds, snow, sleet and ice, our fellow citizens and colleagues in Texas have endured another damaging and threatening assault from the weather. This time it was a record-jarring deep freeze and its related power outages and water shortages in Texas and portions of Louisiana and Oklahoma. The Code Council contributed $10,000 through two of its partners to assist with the state's recovery. More importantly, we hope everyone remains aware as the state continues to recover from the extreme winter weather and the resulting crisis.

Upcoming from the Code Council Learning Center: Institutes, training, webinars, etc.
Online learning is available from the ICC Learning Center. Find course listings you'd like to attend in the ICC Learning Center using the Search function. Single-day training events are an opportunity to focus on topics to ensure your code knowledge stays up to date, with some seminars offering a Virtual Classroom option so you can participate in the event from any location with an internet connection:

- **March 1-5 – EduCode 2021.**
- **March 2 – 2018 IMC® Webinar Series: Administration and General Requirements.**
- **March 3 – Permit Tech Webinar Series: Overview of Code Enforcement.**
- **March 4 – Legal Aspects of Code Administration (Virtual).**
- **March 9 - 2018 IECC® Essentials.**
- **March 10 - Permit Tech Webinar Series: Reading Construction Documents.**
- **March 11 - 2018 IWUIC Virtual Training .**
- **March 16 - 2018 IMC® Webinar Series: Ventilation and Duct Systems.**
- **March 16 - Inspector Skills.**
- **March 17 - Permit Tech Webinar Series: Finding the Answers in the I-Codes®.**
- **March 18 - 2018 IFC® Essentials.**
- **March 22-26 - 2018 Residential Building Inspection Institute.**
- **March 23 - 2018 IMC® Webinar Series: Exhaust Systems.**
- **March 24 - Permit Tech Webinar Series: Building Department Processes.**
- **March 30 - 2018 IMC® Webinar Series: Combustion Air and Venting**
- **March 31 - Leadership Webinar Series: Mastering the Art of Mentorship.**
- **April 6 - 2018 IMC® Webinar Series: Boilers and Hydronic Piping.**
- **April 7- 2018 IFC® and IBC® Hazardous Materials Provisions.**
- **April 7 - Permit Tech Webinar Series: Legal Principles.**
- **April 8 - 2018 IRC® Performing Residential Plumbing Inspections.**
- **April 13 - 2018 IMC® Webinar Series: Refrigeration, Fuel Oil Piping and Storage and Solar Systems.**
- **April 14 - 2018 IPC Webinar Series: Chapters 1, 2 and 3.**
- **April 15 - Advanced Legal Aspects of Code Administration for Building Officials and Inspectors.**
- **April 16 - Getting the Most out of the 2018 IPMC®.**
- **April 19-23 - 2018 Plan Review.**
- **April 20 - Code Enforcement Webinar Series: Officer Safety in Hazardous Buildings.**
- **April 21 - 2021 IBC® Significant Changes.**
- **April 21 - 2018 IPC Webinar Series: Chapters 4, 5 and 6.**
- **April 22 - Leadership Webinar Series: Making a Difference.**
- **April 27 - Code Enforcement Webinar Series: Drug Awareness for Code Enforcement Officer.**
- **April 27-28 - When Disaster Strikes.**
- **April 28 - 2018 IPC Webinar Series: Chapters 7 and 8.**
- **April 29-30 - 2018 Commercial Building Inspection**
- **May 3-7 - 2018 Residential Building Inspector - B1 Certification Test Academy.**
- **May 4 - Code Enforcement Webinar Series: Gang Awareness for the Code Enforcement Officer.**
- **May 5 - 2018 IPC Webinar Series: Chapters 9 and 10.**
- **May 11 - Code Enforcement Webinar Series: Mental Illness and Code Enforcement.**

- **May 12 - 2018 IPC Webinar Series: Chapters 11–14.**
- **May 12-14 - 2018 Building Plans Examiner - B3 Certification Test Academy.**
- **May 13 - Complaint Management from Start to Finish.**
- **May 17-19 - 2018 Permit Tech Certification Test Academy.**
- **May 24-28 - 2018 Commercial Building Inspector - B2 Certification Test Academy.**
- **May 26 - Report Writing for the Code Official.**
- **May 27 - Basic Code Enforcement.**

Check out more upcoming learning opportunities here.

Efficiency Division Updates

CALIFORNIA ENERGY COMMISSION

REACO ICC Monthly Meeting March 2021

Efficiency Division Updates

- Business meeting on February 10: Approved PV exemption petition for the City of Needles. Approved PV exemption petition from the Town of Truckee for buildings that cannot meet CBC and CRC snow load requirements. **Snow load PV exemption** will apply statewide.
    - Next business meeting is March 17. **Business Meetings agendas and minutes**: https://www.energy.ca.gov/proceedings/business-meetings

- The **implementation proceeding** for certified mechanical acceptance test technicians to perform mechanical acceptance testing is moving forward: https://www.energy.ca.gov/programs-and-topics/programs/acceptance-test-technician-certification-provider-program/mechanical
    - The staff report is now available
    - The plan is expected to be presented at the April business meeting for approval

- New **cost effectiveness reports** available as resources for local jurisdictions in the reach code development process: https://localenergycodes.com/

Energy Code Training and Events

- **Energy Commission training**: www.energy.ca.gov/title24/orc/schedule_oe/index.php
- **Energy Code Ace training**: www.energycodeace.com/training
- **PG&E training**: www.pge.com/pec
- **BayREN training**: www.bayrencodes.org/services/trainings/

Energy Code Resources

- **Online Resource Center**: https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/online-resource-center
- **Energy Standards Hotline email**: Title24@energy.ca.gov or call 800-772-3300

To receive regular updates, sign up and respond to the confirmation email:

- **Blueprint Newsletter email list**: https://www.energy.ca.gov/newsroom/blueprint-newsletter
- **Building Standards email list**: https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards
- **Appliance Standards email list**: https://www.energy.ca.gov/rules-and-regulations/appliance-efficiency-regulations-title-20

Pre-Rulemaking for the 2022 Energy Code

- California Energy Commission (CEC) **2022 Energy Code development schedule**: https://www.energy.ca.gov/sites/default/files/2020-05/2022_Standards_Update_Schedule.docx
- Visit the **California Energy Codes & Standards website** to review 2022 initiatives and participate in the development process stakeholder meetings: https://title24stakeholders.com/
- For the most recent updates, visit the **CEC docket 19-BSTD-03** or the **CEC 2022 Energy Code web page**: https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency
- CEC has published the **pre-rulemaking draft of the 2022 Energy Code Express Terms** to inform the general public and to solicit feedback on the proposed amendments. Written comments should be submitted by March 9.

Codes and Standards Program Training Resources

BayREN Codes & Standards Quarterly Forum: Responding to Climate Challenges: Energy Efficient Homes in a Wildfire-Prone Region

Live Online via Zoom
Date: Thursday, March 18, 2021
Time: 9:00 am – 12:00 pm
Description: This half-day BayREN forum will explore how building features for energy efficiency and for wildfire resistance can work together and where they may conflict. Focusing on residential buildings, we will hear about the fire resistance and energy efficiency of different home vintages, air sealing and indoor air quality, local Bay Area experiences with rebuilding after wildfires, and how all of these can inform the design and construction of new homes as well as retrofits to make our communities more resilient (see attached flyer for list of speakers).
Forum Registration Link

BayREN Live Online Monthly Spring Energy Code Training Series

The series takes a closer look at some of the biggest changes to energy conservation technologies and construction practices in the 2019 Energy Code for residential new construction, additions and alterations.

HERS-Verified Quality Insulation Installation (QII)

Live Online Webinar
Date: Thursday, March 4, 2021
Time: 10:00 am – 11:00 am
Description: This hour-long course focuses on prescriptive quality insulation installation (QII) requirements in the 2019 Energy Code for new low-rise Residential buildings of any size and additions greater than 700 ft². To avoid costly problems at the end of a project, QII needs to be considered throughout the process starting with the design drawings. This training provides an overview of QII requirements, discusses how to keep a project on track to meet the requirements, and provides additional reference resources. Training developed and offered in partnership with *Energy Code Ace*.
Target Audience: Building Department Staff, Designers, Contractors, Energy Consultants, HERS Raters
CEUs Available: ICC: 0.1 and AIA: 1.0
Webinar Registration Link

Heat Pump Water Heaters for Building Department Staff

Live Online Webinar
Date: Thursday, March 11, 2021
Time: 10:00 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, when HPWHs are allowed under the 2019 Code, code requirements for installation, and how to complete compliance forms.
Target Audience: Building Department Staff
CEUs Available: ICC: 0.1
Webinar Registration Link

BayREN Live Online Monthly REACO Energy Code Trainings

Residential Additions

Live Online Webinar
Date: Thursday, April 21, 2021
Time: 9:00 am – 10:00 am
Description: This course will explore specific instruction on residential additions.
Target Audience: Building Department Staff
CEUs Available: ICC: 0.1
Webinar Registration Link

Residential Alterations

Live Online Webinar
Date: Wednesday, May 19, 2021
Time: 9:00 am – 10:00 am
Description: This course will explain how to process residential alterations projects, which are mostly over-the counter permits such as HVAC changeouts, window replacements and water heater replacements.
Target Audience: Building Department Staff; CEUs Available: ICC: 0.1

Residential Envelope

Live Online Webinar
Date: Wednesday, June 23, 2021
Time: 9:00 am – 10:00 am
Description: This course will investigate residential envelope compliance issues.
This course will provide a basic review of nonresidential new construction energy codes.
Target Audience: Building Department Staff; CEUs Available: ICC: 0.1

2019 Energy Code Changes - Nonresidential

Live Online Webinar
Date: Wednesday, July 21, 2021
Time: 9:00 am – 10:00 am
Description This course will provide an overview of the 2019 nonresidential Energy Code changes.
Target Audience: Building Department Staff; CEUs Available: ICC: 0.1

Nonresidential New Construction

Live Online Webinar
Date: Wednesday, August 25, 2021
Time: 9:00 am – 10:00 am
Description: This course will provide a basic review of nonresidential new construction energy codes.
Target Audience: Building Department Staff; CEUs Available: ICC: 0.1

Nonresidential Tenant Improvements and Alterations

Live Online Webinar
Date: Wednesday, September 22, 2021
Time: 9:00 am – 10:00 am
Description: This course will explore nonresidential tenant improvements and alterations compliance issues.
Target Audience: Building Department Staff
CEUs Available: ICC: 0.1

BayREN Live Online Reach Code Trainings and Reach Code Resources

Customized Reach Code Trainings- Live Online Webinar
Description: This course will help attendees understand and better enforce adopted reach codes within a specific jurisdiction. The course includes a combination of general practices as well as customized training for the jurisdiction's reach code. Reach Code Trainings are customized to address a city or county-specific Reach Code and are intended for city-specific or county-specific staff.
Target Audience: City-specific plan checkers, field inspectors
Duration: Short Course (60-90 min) - Instructors are available remotely and trainings can be scheduled Monday to Friday from 7AM to 7PM - BayREN Codes and Standards Program Reach Code Resources: https://www.bayrencodes.org/reachcodes/

Contact Christine Condon, County of Sonoma BayREN Codes and Standards Program Representative for more information and to schedule trainings: Christine.Condon@sonoma-county.org.

Responding to Climate Challenges: Energy Efficient Homes in a Wildfire-prone Region

Thursday, March 18, 2021
9:00AM - 12:00PM
via Zoom
bayrencodes.org/events

Date: Thursday, March 18, 2021, 9AM – 12PM

Registration Link: https://zoom.us/webinar/register/WN_Lc42scqZTjqTE41Q86ZW3w

The Bay Area Regional Energy Network (BayREN) Codes & Standards team invites you to register for our upcoming regional forum:

Responding to Climate Challenges: Energy Efficient Homes in a Wildfire-prone Region

In the past year, wildfires and smoke have affected all of our nine Bay Area Counties. How can our built environment respond to these challenges while also reducing contributions to climate change? This half-day BayREN forum will explore how building features for energy efficiency and for wildfire resistance can work together and where they may conflict. Focusing on residential buildings, we will hear about the fire resistance and energy efficiency of different home vintages, air sealing and indoor air quality, local Bay Area experiences with rebuilding after wildfires, and how all of these can inform the design and construction of new homes as well as retrofits to make our communities more resilient.

This free event is open to all.

For more information and to register visit: **www.bayrencodes.org/events**