



# November 3, 2020 Meeting Minutes

Redwood Empire Association of Code Officials

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

November 3rd, meeting was held virtually on WebEx

## 1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

The meeting was called to order at 12:04 pm. by Jay Bradford, which was followed by roll call and the pledge of allegiance.

2. PRESENTATION: - Reducing the Vulnerability of Buildings Located in Wildfire-Prone Areas by Dr. Stephen Quarles. Dr. Quarles is a University of California Cooperative Extension Advisor Emeritus. After 26 years with the University of California, Quarles retired in 2011 and joined the Insurance Institute for Business & Home Safety (IBHS) Research Center team in Richburg, SC. Quarles retired from IBHS in 2018 as the Chief Scientist for Wildfire and Durability. At both the University of California and IBHS Quarles' research and outreach efforts focused on durability and in-service performance issues of the built environment. Related research on the vulnerability of buildings, particularly to wind-blown embers was discussed.

3. SELF INTRODUCTIONS (Officers, Guests, Members) skipped because roll call was done. Also, a list of attendees was on the screen. There were 24 members and guests on the roll call, but eventually there were 32 attendees. The list of eligible voters for REACO Executive Board members reflects the 32 attendees.

## 4. APPROVAL OF MINUTES –

A correction to the October 6 meeting was made just prior to the meeting, so the vote was delayed until later in the meeting. Eventually a motion to approve the Meeting Minutes was made and seconded.

## 5. OFFICERS REPORTS

**President: Jay Bradford –**

Noted that a meeting of the Executive Board was held to discuss this meeting's agenda.

**Treasurer: Steve Buffenbarger –**

**September Account transactions summary:**

Checking beginning balance:	\$24,614.55
Deposits:	\$ .21
Debits and Checks:	\$
Checking ending balance:	\$24,614.76

**Vice President: David Willoughby –**

- Verified checking account balance.

**Secretary: Steve Neely –**

No report.

**Past President: Charles Lucas –**

No report.

**No Program:**

## LIAISON REPORTS

**SCFPO:**

- Kemplen Robbins informed Jay Bradford that the FPOs were in discussion with Wayne Wirick to coproduce an outdoor dining/event tents guide for all municipalities to use.

**ICC: Susan Dowty –**

- A new white paper: **Considerations for Converting Outdoor Spaces into Temporary Seating Spaces Based on the 2018 I-Codes** is posted on ICC's Coronavirus Response Center.
- ICC is holding a week-long educational and networking virtual event (Learn Live) offering topics such as: COVID-19 Global Perspectives Channel, 2021 Code Changes. Going Virtual: How to Embrace the New Normal, and Remote Virtual Inspections: Recommended Practices from 11/9/2020 – 11/13/2020.
- ICC relaunched **Digital Codes Premium**, a collection of premium code titles and tools. Check out the expanded and improved website.
- Nov 16th 11 – noon: **ICC Product Certification Overview Free Webinar (earn 0.1 CEU)** Learn about product evaluations and listings including the development process, benefits of evaluation reports for code officials, and how to effectively read and use ICC-ES Evaluation Reports.
- Two new podcasts will be available on Pulse.
- See attached Building Safety Journal for more details on all these offerings.

**CBOAC: Glen Schainblatt --**

- Having discussions as to whether the CBOAC annual conference should be in person or via Zoom.
- Most board members were not available due to the fires.
- Butte County integration with Cal Fire for post-fire damage assessment worked well.
- Many counties are researching electronic plan review and permitting programs and requesting suggestions from those that have already implemented such programs.

**CALBO: Shane Diller –**

- The only training this year for Education week will be in Newport Beach (12/14-17/2020) will be a hybrid of both virtual and in-person. Register at the CALBO website.
- The Annual Business Meeting in March 2021 (Sacramento) has been cancelled due to hotel not being able to provide outdoor meeting spaces.
- Working on establishing a hybrid ABM in May or June of 2021.
- Current officers will maintain their positions until such time as an effective election can be done.
- December trainings and webinars are located on the CALBO website under the training and resources link.
- The Legislature wrapped up uneventfully and all bills being watched by CALBO died on the floor.
- Refer to the CALBO website and attached announcement (attached here and to the agenda) for updates on legislation and other important events.

**CEC: Amie Brousseau --**

- Business meeting on October 14: Approval of the City of Burlingame energy ordinance that exceeds the energy efficiency requirements of the 2019 Energy Code.
- Next business meeting is November 10. **Business Meetings Agendas and Minutes:** <https://www.energy.ca.gov/proceedings/business-meetings>
- Links to the **three approved solar assessment tools** have been added to our website. <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiencystandards/solar-assessment-tool>
- Electronically fillable 2019 Nonresidential Certificates of Acceptance have been added to [Energy Code Ace's website](https://energycodeace.com/NonresidentialForms/2019). <https://energycodeace.com/NonresidentialForms/2019>
- An updated version of EnergyPro version 8.2 was approved for both residential and nonresidential compliance on October 20. More info on the [compliance software webpage](https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiencystandards/2019-building-energy-efficiency-2): <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiencystandards/2019-building-energy-efficiency-2>
- Pre-rulemaking for 2022 CEC has begun. See attached November 2020 Energy Division Updates for details on this and all items noted above.

**BayREN: Christine Condon –**

- A ½ day forum on Linking Energy, Equity, and Public Health will be held on 11/19/2020 (9am. - 12pm.) via Zoom. See attached flyer in agenda.

- **Also, BayREN and Energy Code Ace On-Line Training: HERS-Verified Quality Insulation Installation (QII)** Adobe Connect Webinar Date: Wednesday, December 2, 2020 Time: 9:30 am - 10:30 am.
- The BayREN Codes and Standards team is looking for feedback and comments from building department professionals about the proposed restructuring of the 2022 Energy Code regulations for multifamily buildings. Can be accessed through the <https://title24stakeholders.com/measures/cycle-2022/multifamily-chapterrestructuring/> website.
- See attached newsletter or contact Christine Condon at [Christine.Condon@sonoma-county.org](mailto:Christine.Condon@sonoma-county.org) for more information on any of the above items.

#### **ICC Region 1: Charles Lucas –**

- New officers were sworn in at October 20, 2020 meeting. They are: Mike Peyton – Past President, Sam Palmer – President, Mike Reach - 1<sup>st</sup>. Vice President, Naomi Escalante – 2<sup>nd</sup>. Vice President, Tim Spears – Treasurer.

#### **IAEI: Mike Stone –**

- No report

**AIARE:** No Report

**CSI:** No report

### **6. CORRESPONDENCE AND ANNOUNCEMENTS**

- Rohnert Park has an open position for Building Official that it is hiring for. Applications are available at Rohnert Park website or possibly ICC website.

### **7. COMMITTEE REPORTS**

#### **Nomination Committee: -- Eric Seabrook and Charles Lucas**

- Eric and Charles called the nominees and verified their desire and commitment to serve on the REACO Board. A recommendation was then made for Jay Bradford to serve as Past President, David Willoughby as President, Steve Neely as Vice President, Matt Kaiser as Secretary, and Kris Kuntz as Treasurer.
- Ballots will be sent out electronically to all eligible voting members that attended the November 3<sup>rd</sup>. meeting and are in good standing. The Nomination Committee will then be dissolved.
- The nominees then provided a short introductory statement.

#### **Structural Hardening Committee: --**

- Several members have already committed to serving on the committee. However, more members, along with a leader, would be appreciated.
- Richard Angley volunteered to be a member of, and possibly head-up, the committee.
- Today's presentation is the first of many anticipated trainings on the subject.

#### **Education Committee: Eric Seabrook –**

- In discussion with Mike Stone to provide future trainings

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

- No issues to report.

#### **Audit Committee Doug Williams –**

- Audit report has been put on hold as REACO is not currently conducting business outside of meetings.

### **8. NEW BUSINESS**

- Annual REACO raffle to be held during December meeting. Gift certificates will be delivered to raffle

winners digitally. David Willoughby made a motion for REACO to contribute up to \$300 for the raffle which was seconded and approved by the membership. Mike Renner (4LEAF) offered to contribute matching funds.

## **9. OLD BUSINESS**

- Outdoor dining canopy bulletin from ICC already mentioned in ICC section of minutes provides guidelines to jurisdictions dealing with this issue due to COVID-19. The web address is: <https://www.iccsafe.org/wp-content/uploads/20-19250 GR OUTDOOR SEATING CODE RPT FINAL HIRES.pdf>
- Wayne Wirick and Ian Hardage are working on a consensus document to address the issue.
- FPOs are working on the issue as well.

## **10. PRESENTATION**

### **Reducing the Vulnerability of Buildings Located in Wildfire-Prone Areas - Dr. Stephen Quarles**

The vulnerabilities of homes and buildings to wildfires will be reviewed, as well as Chapter 7A in the California Building Code and referenced standards. Related research on the vulnerability of buildings, particularly to wind-blown embers will be summarized.

Dr. Quarles is a University of California Cooperative Extension Advisor Emeritus. After 26 years with the University of California, Quarles retired in 2011 and joined the Insurance Institute for Business & Home Safety (IBHS) Research Center team in Richburg, SC. Quarles retired from IBHS in 2018 as the Chief Scientist for Wildfire and Durability. At both the University of California and IBHS Quarles' research and outreach efforts focused on durability and in-service performance issues of the built environment.

## **11. LEGISLATIVE NEWS**

## **12. CODE ISSUES**

## **13. ADJOURNMENT**

The meeting was adjourned at 1:55 pm by Jay Bradford.

**The next meeting; will be held on December 1, 2020 via WebEx**

October 29, 2020

Here are the highlights of current happenings at ICC:

- A new white paper: **Considerations for Converting Outdoor Spaces into Temporary Seating Spaces Based on the 2018 I-Codes** is posted on ICC's Coronavirus Response Center.
- Register [here](#) for **ICC LEARN LIVE!**, a weeklong virtual training and network event with up to 1.45 CEUs, is Nov 9-13, 2020.
- Nov 16th 11 – noon: **ICC Product Certification Overview Free Webinar (earn 0.1 CEU)** Learn about product evaluations and listings including the development process, benefits of evaluation reports for code officials, and how to effectively read and use ICC-ES Evaluation Reports. Register [here](#).
- **Code Development:** The 2021 Group A code development process has begun with code changes proposed via cdpACCESS until Jan 11, 2021.
- ICC relaunched **Digital Codes Premium**, a collection of premium code titles and tools. Check it out [here](#). Sign up for a free trial [here](#).
- **Pulse Podcast Episode 31:** [Joan O'Neil](#), Code Council Chief Knowledge Officer talks about the ICC's digital transformation strategy. Listen [here](#)
- **Pulse Podcast Episode 32:** [Joan O'Neil](#), Code Council Chief Knowledge Officer talks with [Eric "Doc" Wright](#), Founder & CEO of Vets2PM, where Doc gives a preview of his upcoming keynote speech at ICC Learn Live.
- **Learning Center Opportunities:** Upcoming virtual and webinar offerings can be found here:  
[Virtual landing page](#)  
[Webinar landing page](#)

I look forward to next week's meeting. Please let me know if I can be of assistance or answer any questions.

Thank you,  
Susan

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# ICC [Government Relations](#) Monthly Update – November 2020

Follow @ICC\_GR on [Twitter](#) for breaking news & announcements throughout the month.



Click [here](#) and [here](#) for the ICC Government Relations Staff Regional Maps.

## **REGISTER FOR CEU OPPORTUNITIES:** We're nearly a week away from the start of [ICC LEARN LIVE](#)

The Code Council's inaugural virtual education event, [ICC LEARN LIVE](#), runs **November 9-13**. For information on sessions and register, [click here](#). The virtual event will address the [most pressing issues and priorities](#) for building safety professionals, such as training next generations of talent, the impact of COVID-19 on building safety, adopting virtual capabilities, and an in-depth overview of the 2021 I-Codes. Educational sessions will offer continuing education units (CEUs) to participants who complete them. An [all-star line-up of speakers](#) is secured, including executives from the Building Officials Institute of New Zealand, the International Accreditation Service (IAS), Saint Lucia Bureau of Standards and CROSQ (CARICOM Regional Organization for Standards and Quality). Working hand-in-hand with the Code Council to equip veterans with the tools they need to become experts in the industry, keynote speaker [Eric "Doc" Wright, Founder & CEO of Vets2PM, LLC](#), will discuss his experience as a veteran entering a new career. Following his keynote, a guided virtual networking session will be available for attendees. For a schedule of each day's [courses and events](#), [click here](#).

## **November 16 is set for a special one-hour webinar on ICC Evaluation Service and its reports**

A free webinar (offering .1 CEU) is scheduled for 2-3 p.m. Eastern on Monday, November 16, to update Code Council members on the ICC Evaluation Services (ICC-ES) and how it helps code officials and others in the built environment do their daily work. The webinar will be presented by **Shahin Moinian**, President, ICC Evaluation Service, and **Dottie Mazzarella**, Vice President, ICC Government Relations. The one-hour overview of the ICC-ES product certification program will instruct how to effectively read and use ICC-ES product evaluation reports, the product evaluation listing development process and the benefits of ICC-ES product certification. [Click here to register today](#).

## **Register now for Wednesday's webinar introducing Digital Codes Premium – a step forward in codes**

Learn how to get access to hundreds of ICC resources and how to get more out of your digital code experience with **Digital Codes Premium** during a free webinar Wednesday, November 4. The webinar starts at 1 p.m. Eastern. [Click here to register](#) for Wednesday's video. The Code Council webpage on Digital Codes Premium and its many benefits for code officials, building designers, engineers, contractors and others [is found here](#).

## **Guidelines published by ICC on converting outdoor spaces into temporary seating spaces**

Restaurants, bars, and similar establishments are looking for ways to convert outdoor spaces into temporary seating to offset the COVID-19 mandated reductions to indoor occupancy loads. The Code Council offers some insights for restaurant and café owners, code officials and Authorities Having Jurisdiction (AHJ) to help protect employees, customers, and communities. It is in a downloadable booklet titled "[Considerations for Converting Outdoor Spaces into Temporary Seating Spaces](#)." While these items are intended to decrease the spread of COVID-19, they focus more on the code related issues. The outdoor seating concept is designed to enable service facilities the ability to increase their service and customer base at occupancy levels near or at the otherwise normally permitted numbers. These considerations are meant to supplement – not replace – any state, county, local, territorial, or tribal health and safety laws, rules, and regulations with which businesses must comply.

## **January 29 is the deadline for jurisdictions to apply for FEMA's \$500 million BRIC grant program**

A great funding opportunity is now available for state, local and tribal jurisdictions to support building code offices, especially if your state or community is in the process or will soon be in the process of

adopting or updating building codes. The Federal Emergency Management Agency's (FEMA) Building Resilient Infrastructure and Communities ([BRIC](#)) program is FEMA's new \$500 million mitigation grant program. It prioritizes the adoption and enforcement of hazard resistant building codes and makes funding available for adoption activities (including staff time and [consultant](#) costs), [training](#), [certifications](#), [electronic permitting](#), [building department accreditation](#) and [online access to codes and standards](#). The Code Council hosted a webinar on BRIC with leaders from FEMA and state and local governments who outlined the opportunity for building and fire prevention departments through BRIC. They shared best practices for how to successfully leverage BRIC through coordination with hazard mitigation officials. Click [here](#) to access webinar playback. Download a PDF of the webinar slides [here](#).

#### **Chief Ruben Grijalva: Adopting IWUIC generates wildfire mitigation savings of \$4 for every \$1 invested**

Former CAL FIRE Director, Chief Ruben Grijalva, recently penned this an article in *Governing* magazine: [How Better Building Codes Can Mitigate Wildfires' Devastation](#). Chief Grijalva offers his perspective on how building codes, particularly the Code Council's [International Wildland-Urban Interface Code \(IWUIC\)](#), can help communities mitigate the devastating effects of wildfire. "The National Institute of Building Sciences recently found that adopting the 2015 edition of the IWUIC in 10,000 census blocks across the country would generate [\\$4 in wildfire mitigation savings for every \\$1 invested](#) — benefits that represent avoided casualties, property damage, business interruptions, and insurance costs and are enjoyed by all building stakeholders including developers, title-holders, lenders, tenants and communities. And according to the institute, **retrofitting 2.5 million homes to the 2018 IWUIC could provide a nationwide benefit-cost ratio as high as \$8 to \$1**. Numbers like those make a clear case for state and local governments." [Click here for a map of the United States](#) which shows where I-Codes are adopted and scroll down to see where local and state jurisdictions have adopted the IWUIC. [Click here for a special webpage](#) titled "Wildfire Information and Resources." And [click here for a document](#) on the contributions of the IWUIC to community resilience.

#### **Code Council now includes FAQ info for code officials in webpage on off-site construction issues**

Following up on last month's [video on issues involving off-site construction](#), the Code Council has prepared a new document for code officials titled, "[Off-Site Construction: FAQs from Code Officials](#)," to be included on the ICC webpage for off-site construction issues. Off-site construction has been identified as an opportunity to help address multiple social and industry challenges including housing affordability, workforce availability, sustainability and project quality. The Code Council developed the webpage as part of a coordinated initiative to support code officials and the off-site construction industry.

#### **New Code Council video instructs cdpACCESS users how to submit proposals for 2021 Group A Codes**

The Code Council has created a new video instructing the interested public how to use cdpACCESS when submitting proposals for the 2021 Group A Codes. [Click here to view the video](#), presented by Laurie Rich, CDP/CMS Business Manager of Information Technology for the International Code Council. [The deadline to submit proposals for the Group A Codes is January 11](#). The Group A Codes include IBC- E, IBC - FS, IBC -G, IFC, IFGC, IMC, IPC, IPMC, IPSDC, IRC – M, IRC- P, ISPSC, IWUIC and IZC. The deadline to submit proposals for the remaining codes in Group B is January 10, 2022.

#### **Videos capture conference presentations on resiliency and other challenges for local jurisdictions**

Videos of presentations are available from recent summits for local jurisdiction officials involving best practices for resiliency, coping with COVID-19, disaster relief policies and other issues. [Resilient Nation Partnership Network's \(RNPN\) Annual Forum](#) focused on equitable practices across resilience. The Pew Research Center's Laura Lightbody moderated a discussion between experts and state resilience officers on advancing equity and resilience at the state level. [Click here for video presentations](#). The [National Association of Counties' Federal Policy Summit](#) hosted county officials, members of Congress, federal agency partners and thought leaders to discuss policy issues ranging from disaster assistance, COVID-19



relief, public lands, broadband, and more. Matt Fuchs discussed Pew's [Mitigation Matters](#) research that identified 13 state and local effective flood mitigation approaches. [View the Summit's video here](#).

### **Building Safety Journal feature outlines the advantages in construction with 3-D printing technology**

Advances in construction technology create opportunities using innovative methods for the building construction industry, which are fast, efficient, reliable, and cost-effective. One of these methods is three-dimensional (3-D) printing construction technology (also known as additive manufacturing) for the job site construction of 3-D concrete structures. This article in Building Safety Journal finds construction with 3-D printing technology offering many advantages. They include reduction of costs through its single-step construction process by decreasing labor and eliminating the need for concrete forms, reducing construction times, providing affordable dwellings for people in urgent need of shelter, and greener construction by utilizing materials more efficiently and creating less waste. It also provides improved and rapid project planning, reduction of accidents as a result of a reduction in labor, new design possibilities, freedom to create complex designs, and many more advantages. [Read more here](#).

### **Code Council adds vision with strong plumbing codes, sustainability standards to *Day without Water***

The International Code Council recently participated in the sixth annual *Imagine a Day Without Water*, a nationwide day of education and advocacy about the value of water involving elected officials, water utilities, community leaders, educators, and businesses to raise awareness about efficiency. "In keeping with the Code Council's ongoing promotion of strong plumbing codes and sustainability standards that address water quality, sanitation, safe water reuse methods and efficiency, we are pleased to partner with the US Water Alliance and the Value of Water Campaign," said ICC Chief Executive Officer Dominic Sims, CBO. The Code Council has several options to assist jurisdictions, manufacturers and the public with water conservation and efficiency. View ICC's water conservation and efficiency safety toolkit, [here](#).

### **GOING VIRTUAL: LA fire service introduces a new idea to fight fires. Its name is Thermite RS3.**

The City of Los Angeles Fire Department recently introduced a new member of the firefighting team -- the Thermite RS3 [robot](#). It missed its press conference a couple weeks ago because it got called to a fire. According to CNN, the Los Angeles Fire Department is the first in the nation to add a robotic firefighting vehicle to its fleet. Mark it as another step of the fire service going more virtual. [Read all about it here](#).

### ***GOT PULSE?* Episodes 31 & 32 focus on the Code Council's digital transformation strategy**

**Episode 32** of the ICC Pulse Podcast, Code Council Chief Knowledge Officer [Joan O'Neil](#) talks with [Eric "Doc" Wright](#), Founder & CEO of Vets2PM, where Doc gives a preview of his upcoming keynote speech at ICC Learn Live. At the time of this publishing, registration for Learn Live is still open! [Register here](#). You can find Doc as docwright2012 on Twitter, Facebook, and LinkedIn, or at [www.vets2pm.com/blog](http://www.vets2pm.com/blog). In **Episode 31** of the ICC Pulse Podcast, [Catherine Vinson](#), Code Council Vice President of Customer Success invites [Joan O'Neil](#), Code Council Chief Knowledge Officer, to talk about the association's digital transformation strategy. On October 20, the Code Council hosted a live virtual event about digital transformation in the building safety industry. The event featured:

- An overview of the new [Digital Codes Premium](#), a comprehensive online codes and standards database with new features and all access model for content and tools.
- An overview of two online databases with detailed information about code adoptions globally.
- An in-depth look at [ICC Learn Live](#), a week-long virtual education event starting on November 9.

### **Upcoming from the [ICC 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 [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:

- **November 3 - [2018 Commercial Building Inspection Institute](#).**



- November 3 - [2018 IPC Webinar Series: Chapters 7 and 8](#).
- November 4 - [When Disaster Strikes](#).
- November 5 - [2018 IBC Means of Egress](#).
- November 5 - [2018 IFGC Webinar Series: Chimneys and Vents](#).
- November 9 - [ICC LEARN LIVE COVID-19 Global Impact Panel](#).
- November 10 - [ICC LEARN LIVE Sneak Peek at 2021 Code Changes](#).
- November 10 - [2018 IPC Webinar Series: Chapters 9 and 10](#).
- November 11 - [ICC LEARN LIVE Remote Virtual Inspections – Recommended Practices](#).
- November 12 - [ICC LEARN LIVE Evolution of Careers Building Safety Panel](#).
- November 12 - [2018 IFGC Webinar Series: Specific Appliances and Gaseous Hydrogen Systems](#).
- November 13 - [ICC LEARN LIVE Discovering the Building Safety Profession and Networking](#).
- November 16 - [2018 Commercial Building Inspector B2 Certification Test Academy](#).
- November 17 - [2018 IPC Webinar Series: Chapters 11-14](#).
- November 18 - [Essential Skills for Rising Leaders](#).
- November 18 - [Zoning & Code Enforcement](#).
- November 18-19 - [2020 Code Specialist Webinar](#), sponsored by Permit Tech Nation.
- November 19 - [Virtual Training Room on Mass Timber Building and the IBC](#).
- November 19 - [Leadership Webinar Series: Coaching For Success](#).
- December 1 - [2018 IFC Essentials](#).
- December 1 - [Code Official Institute](#).
- December 7 - [2018 Fire Inspector I 66 Certification Test Academy](#).
- December 7 - [2018 Residential Building Inspection Institute](#).
- December 8 - [Procedures for Officers and Inspectors](#).
- December 15 - [2021 IBC Significant Changes](#).
- December 21 - [Leadership Webinar Series: Public Speaking for the Code Official](#).
- January 7 - [2018 IBC Means of Egress](#).
- January 12 - [2021 IRC Significant Changes](#).
- January 13 - [2018 Residential Building Inspector Webinar Series: Administration and Adoption](#).
- January 19 - [2018 Principles of Building Safety Institute](#).
- January 19 - [2021 IFC Significant Changes](#).
- January 19 - [Leadership Webinar Series: Effective Leadership](#).
- Available daily online, [2015 Permit Technician 14 Study Guide](#).
- Available daily online, [IRC® Online Study Guide for Residential Building Inspectors B1](#).

Plus check out more upcoming virtual learning and webinar offerings here:

- Virtual landing [page](#)    Webinar landing [page](#)



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## Chapter Report Fall 2020

### **Upcoming CALBO Events:**

CALBO Education Week Orange County (Newport Beach) – December 14-17, 2020  
Building Officials Leadership Academy (Newport Beach) – RESCHEDULED to  
December 14-17, 2020  
CALBO's 2021 Annual Conference (Southern California) – May 2021

### **Cancelled CALBO Events:**

CALBO Education Week South (Ontario)  
CALBO Education Week North (San Ramon)  
CALBO's 2020 Annual Conference (Carlsbad)  
CALBO's 59<sup>th</sup> Annual Business Meeting (Sacramento) – March 7-11, 2021

### **COVID-19 NECESSITATED CHANGES**

- **CALBO encourages all members and industry professionals to heed all advice of federal, state and local health department officials to stay safe and well.**
- Following the lead of the International Code Council (ICC) Board and at the written request of many members, elections for the CALBO Board will not be held in 2021. All current CALBO Board Members and Officers will remain in place until the 60<sup>th</sup> Annual Business Meeting in March 2022 (Los Angeles).
- CALBO's Education Week North (San Ramon) has been cancelled for 2020. The hotel's function space was far too small to accommodate social distancing. CALBO plans to return to San Ramon September 13-16, 2021 for our annually scheduled Education Week.
- CALBO's Education Week South (Ontario) has been cancelled for 2020 at the request of the hotel. Corporate guidelines for the hotel will not permit a gathering of CALBO's size until Quarter 3 of 2021. CALBO plans to return to Ontario October 25-28, 2021 for our annually scheduled Education Week.
- CALBO's Education Week Orange County (Newport Beach) will proceed as scheduled for IN-PERSON training December 14-17, 2020. The reason why Newport Beach is still

scheduled in-person, while San Ramon and Ontario were cancelled, is due to the event space that has been made available to CALBO that will enable social distancing. The Newport Beach Marriott is a much bigger property. Pending governmental restrictions in the Orange County area also permit CALBO to meet in person this December.

- CALBO is offering a fully **VIRTUAL** Education Week experience December 14-17, 2020. The event will be produced and coordinated by an outside audio/visual company, and the student experience should be second to none. Details and registration are currently available at [www.calbo.org](http://www.calbo.org).
- CALBO's 59<sup>th</sup> Annual Business Meeting, scheduled for March 2021 in Sacramento, has been cancelled at the request of the hotel. The function space at this property was not conducive to social distancing.
- Given that no CALBO Board elections will occur in 2021, there will not be a need for a CALBO business session. However; CALBO plans to hold an annual conference in May 2021 in the Southern California area. Making use of outdoor space will be a primary component for this conference. A golf tournament and social activities, in addition to a strong formal program, all currently in the planning stages.
- The newest CALBO website resource is the "COVID-19 Response" page that includes a toolkit of CALBO member highlights, online resources, and events and webinars. As jurisdictions are developing new processes through the COVID-19 pandemic to serve their communities, please use these resources to learn from one another and gain resources for your departmental needs. If you have a suggestion for this page, please reach out to the CALBO office at 916-457-1103 or [info@calbo.org](mailto:info@calbo.org).
- We are living in changing times, and CALBO has done its best to adapt to our new circumstances surrounded the COVID-19 pandemic. The CALBO office is fully operational, so do not hesitate to reach out via phone or email should you need assistance.
- CALBO reminds all members that the Listserve is a great way to stay connected with your professional peers.
- CALBO launched a "good news" and "best practices" communications program in May telling the stories and creative practices of our members. Should you have a story to share, please email it to [kalmand@calbo.org](mailto:kalmand@calbo.org).
- The CALBO Board continues to meet and is committed to moving association business forward. An in-person meeting of the Board was held in September, which was the first time the Board had met face-to-face since February.

### **CALBO GOVERNANCE**

- The current CALBO Board will stay in place for an additional year. All terms have been extended until the next Annual Business Meeting in 2022, when Board elections will

again be held. Thank you to the members and chapters who reached out requesting this change and ensuring continuity of leadership through this pandemic.

- The CALBO Board has continued its commitment to fiscal responsibility through the pandemic. To date, CALBO has continued to prudently operate in the black by making necessary cuts and strategic modifications to CALBO's operational budget.
- President Diller has chartered a new policy committee entitled Alternative Housing & Practices Committee to work with state legislators and local officials on reasonable and enforceable solutions. Interested persons should send their resume to [info@calbo.org](mailto:info@calbo.org) for consideration as a member of the committee.
- An advisory committee has been chartered of major jurisdictions with populations above 400,000. Recognizing the leadership role major jurisdictions play in their regions, CALBO hopes to support their efforts.
- Based on member feedback, the CALBO Board continues to work towards Board driven goals to include:
  1. Focus on legislation and advocacy at the state level
  2. Developing the next generation of code officials
  3. Education & training for the code change year
  4. Code development at all levels; national, state and local
  5. Input on tall wood structures (continued involvement in code change proposals)
  6. ISO surveys; research and share information on process and procedure
  7. Post disaster recovery toolkits & handouts
  8. Advancement and promotion of the Building Official profession
  9. Creation and recording of CALBO history
- Each ICC California Chapter has been assigned a CALBO Board Member liaison. Board Member liaisons serve as the conduit between local chapters and the CALBO Board. Board Members will supply updates and attend meetings throughout the upcoming year. Given that the Board has not been able to meet yet this membership year, the liaisons are subject to change. The CALBO Board is committed to engaging as much as possible with chapters through this pandemic.
  1. CalBIG – Sharon Goei
  2. Central Coast – Bryan Spain
  3. Citrus Belt – Jesse De Anda
  4. County Building Officials – Mike Brinkman
  5. East Bay – Mike Brinkman
  6. Foothill – Victor Cuevas
  7. High Desert – Andrew Stuffer
  8. Los Angeles Basin – Victor Cuevas/Jesse De Anda
  9. Monterey Bay – Sharon Goei/Bryan Spain
  10. Napa/Solano – Shane Diller
  11. NorCal FPOs – David Gonzalves/Shane Diller
  12. Orange Empire – Victor Cuevas/Jesse De Anda

13. Peninsula – Sharon Goei
14. Redwood Empire – Brad Wungluck
15. Sacramento Valley – Shane Diller
16. San Diego – Board
17. San Joaquin Valley – Mike Brinkman
18. Shasta/Cascade – Shane Diller
19. SoCal FPOs – Andrew Stuffer
20. Ventura – Andrew Stuffer
21. Yosemite – Mike Brinkman, David Gonzalves and Brad Wungluck

- CALBO is seeking to serve as an information gathered for Code Development efforts at all levels. Given the vigilant work of the codes committees of regional (Tri) chapters throughout California, CALBO did not want to be in conflict with their efforts. CALBO has created a webpage to post and coordinate all California code change proposals. We hope this page, <https://www.calbo.org/node/1248>, will be a valuable tool for those attending the upcoming ICC hearings.
- CALBO continues to update its website [www.calbo.org](http://www.calbo.org) that was completely revamped two years ago, which includes large enhancements to the registration portal designed for member ease. Initial feedback on the design has been favorable. More features will be added to adopt to membership needs.
- The Board is working on a few membership toolkits. The idea behind these toolkits is that template policies, ordinances, best innovative practices and procedures would be availed to the CALBO community as optional resources. Current toolkits under development include: innovative practices, internship programs, and seismic resiliency, inventories and procedures.
- The CALBO Board has approved the following future ABM locations: Southern California area (May 2021); Millennium Biltmore Los Angeles (March 27-31, 2022) and the Hyatt Regency Mission Bay/San Diego (March 5-9, 2023). Plans are underway to return to Sacramento and Indian Wells in 2024 and 2025 given that these locations were cancelled during the pandemic.

### **EDUCATION & TRAINING**

- The Ontario Education Week from October 19-22, 2020 and San Ramon Education Week from January 25-28, 2021 are **CANCELLED**. The CALBO office has contacted each course registrant for these cancelled events to provide transfer options. Please contact the CALBO office for assistance. CALBO plans to return to San Ramon from September 13-16, 2021 and Ontario from October 25-28, 2021 for our annually scheduled Education Weeks.
- The Newport Beach Education Week will take place from December 14-17, 2020. Five courses will be offered each day for limited in-person or virtual attendance. The reason

why Newport Beach is still scheduled in-person, while San Ramon and Ontario were cancelled, is due to the event space that has been made available to CALBO that will enable social distancing. The Newport Beach Marriott is a much bigger property. Pending governmental restrictions in the Orange County area also permit CALBO to meet in person this December.

- CALBO is offering a fully **VIRTUAL** Education Week experience December 14-17, 2020. The event will be produced and coordinated by an outside audio/visual company, and the student experience should be second to none. Details and registration are currently available at [www.calbo.org](http://www.calbo.org).
- CALBO continues to offer monthly live webinars – a great way to earn CEUs from your home or office. These webinars are specialized training opportunities that provide insight into a single code topic that complements CALBO’s full-day courses and have a smaller attendance to ensure students have more time for instructor engagement, including questions and answers with the instructor. Example webinar topics include accessibility for plumbing elements and facilities, tall wood construction in the CBC, overview of the CBC for permit technicians, occupied roof decks in the CBC, alternative housing in the CRC, non-residential or residential energy code, and much more. Details and registration are currently available at [www.calbo.org](http://www.calbo.org).
- The 2020 BOLA class will meet in Southern California at the Newport Beach Education Week from December 14-17, 2020. Registration is still open, but a waitlist for next year’s program in Sacramento is in place. Interested students should reach out to Lauren Herman at [lherman@calbo.org](mailto:lherman@calbo.org).
- In 2019, large changes were made to the CALBO online training registration system based on feedback from membership. This new and improved system will serve jurisdictional needs across the state when registering staff for their CEUs. New features include listing course descriptions, ICC and AIA course numbers with course titles on the online registration page along with new internal course management features for staff.
- CALBO has again collaborated with ICC to offer publications for the code change year; 2019 Significant Changes to the California Building Code and the 2019 Significant Changes to the California Residential Code. Both publications were jointly produced and the profits shared between the organizations. The publications are currently available through the ICC Bookstore.
- The CALBO Training Institute (CTI) is seeking new instructors and course developers. CTI will help you develop your speaking and listening skills, provide you an opportunity to co-teach with a seasoned instructor to gain hands-on experience in the classroom, learn how to create and implement a course plan, and utilize your knowledge to become a subject matter expert. Look for more information and an application in the upcoming



2020-21 CALBO Training Catalog. Contact Lauren Herman at [lherman@calbo.org](mailto:lherman@calbo.org) with questions.

### **CALBO PARTNERS**

- **CALBO IS EXTREMELY GRATEFUL FOR THE UNWAIVERING SUPPORT OF OUR PARTNERS THROUGH THESE TRYING TIMES.**
- CALBO successfully launched the CALBO Partner Program in 2018 which offered annual packages granting special access to CALBO's Education Weeks and Annual Business Meeting Sponsor and Exhibitor Program. Due to its popularity, CALBO is once again offering exclusive sponsorship opportunities to its members. Sponsors can make one payment and streamline their participation in these events for the remainder of the year. Sponsorships run with the membership year: April 1 – March 31.
- CALBO would like to recognize the following companies for their participation in the CALBO Partner Program. Thank you for your continued support and collaboration!
  - Gold Sponsors: **CSG Consultants, Interwest Consulting Group, Optimum Seismic, 4LEAF, Inc, and Willdan Engineering.**
  - Silver Sponsor: **TRB + Associates and Bureau Veritas**
  - Bronze Sponsors: **International Code Council, Shums Coda Associates, and Simpson Strong-Tie**
  - If you would like more information about this program or other advertising, exhibitor and sponsorship opportunities, contact Katie Little at [kalmand@calbo.org](mailto:kalmand@calbo.org).

### **GOVERNMENT AFFAIRS**

- Up to the minute legislative updates, when the State Legislature is in session, are always available to members at [www.calbo.org](http://www.calbo.org).
- The 2019-2020 legislative session ended on August 31, 2020.
- Due to the COVID-19 pandemic, the State Legislature had limited time to pass this session's bills. Committee hearings were shortened, and many were cancelled due to the state-wide shelter in place order.
- Only high priority bills passed out of policy and fiscal committees. These bills mostly dealt with healthcare, fire safety, and affordable housing. The few bills that made it out of both houses by the end of August were sent to the governor to be signed.
- Most of CALBO's legislative priorities have been postponed by the State Legislature this year, but CALBO anticipates many of the same issues will be reintroduced in January 2021.
- In order to stay current on legislative priorities internally, CALBO's Legislative Committee is working on a set of webinars for the entire membership. These webinars will address specific issue areas that effect Building Departments and their staff. These will be released in the upcoming months.

## LEGISLATIVE REPORT/BILLS OF INTEREST

### **AB 429 (Nazarian) Seismically vulnerable buildings: inventory**

**CALBO Position:** *Support*

**Status:** Placed on the Inactive File – **DEAD**

**Summary:** This bill would require the Alfred E. Alquist Seismic Safety Commission, by specified deadlines, to identify funding and develop a bidding process for hiring a third-party contractor to create an inventory of potentially vulnerable buildings, as defined. The bill would require the third-party contractor, in conjunction with the commission, by July 1, 2022, to develop a statewide inventory of potentially seismically vulnerable buildings in 29 specified counties in California using information developed by local jurisdictions pursuant to the above-described provisions.

**Observations:** In 2018, CALBO opposed a similar bill by the same author. That bill was ultimately vetoed by the governor and died. Over the past year, CALBO worked with the author's office and the Seismic Safety Commission to come up with a solution to our previous concerns. Unlike last year's bill, AB 429 will specifically target 29 seismically prone counties in the state – rather than the whole state. Either federal grants or the General Fund, instead of local funds, will also fund this bill. This program will not burden local building departments, as a third party will conduct the work.

### **AB 1993 (Nazarian) Building codes: earthquake safety: functional recovery standard**

**CALBO Position:** *Support*

**Status:** Held in Appropriations – Suspense File – **DEAD**

**Summary:** This bill would require the California Building Standards Commission, by June 30, 2021, to assemble a functional recovery working group comprised of certain state entities and members of the construction and insurance industries, as specified. The bill would require the working group, by June 30, 2023, to consider whether a “functional recovery” standard is warranted for all or some building occupancy classifications, using specified criteria, and to investigate the practical means of implementing that standard, as specified. The bill would require the working group to advise the appropriate state agencies to propose the building standards, as specified. The bill would authorize the commission to adopt regulations based upon the recommendations from the working group for nonresidential occupancies. The bill would define “functional recovery” for purposes of these provisions, as specified.

**Observations:** This SEAOC sponsored bill is a revival of a similar bill from 2018 and 2019. It has been stopped in the Appropriations Committee in the past due to budgetary concerns. CALBO also opposed a past version of this bill as it contained restrictive language regarding the working group. That language has been removed, and CALBO supports the current language.

**AB 2168 (McCarty) Planning and zoning: electric vehicle charging stations: permit application approval**

**CALBO Position:** *Oppose*

**Status:** Referred to the Assembly Local Government Committee – **DEAD**

**Summary:** Would require an application to install an electric vehicle charging station to be deemed complete if, 5 business days after the application was submitted, the city, county, or city and county has not deemed the application to be incomplete, as specified. The bill would require an application to install an electric vehicle charging station to be deemed approved if, 15 business days after the application was submitted, the city, county, or city and county has not approved the application through the issuance of a building permit or similar nondiscretionary permit, and the building official has not made findings that the proposed installation could have an adverse impact, as described above, and required the applicant to apply for a use permit.

**Observations:** This bill is sponsored by Electrify America, the producers and installers of electrical vehicle charging stations. CALBO has met with their staff to understand the intent of this bill and express our concerns. The sponsors have communicated frustration with local jurisdictions lack of compliance with [current law](#), and are sponsoring this measure in order to streamline the process even further. CALBO has reached out to its members to assess local processes, and would like to approach local compliance with further education rather than more legislation. CALBO has collaborated our local government partners, The League of California Cities and Rural Counties Representatives of California, to develop a coalition letter to oppose the measure.



# Efficiency Division Updates

CALIFORNIA ENERGY COMMISSION

REACO ICC Monthly Meeting

November 2020

## Efficiency Division Updates

- Business meeting on October 14:
  - Approval of the City of Burlingame energy ordinance that exceeds the energy efficiency requirements of the 2019 Energy Code.
- Next business meeting is November 10. **Business Meetings Agendas and Minutes:** <https://www.energy.ca.gov/proceedings/business-meetings>
- Links to the **three approved solar assessment tools** have been added to our website. <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/solar-assessment-tools>
- Electronically fillable 2019 Nonresidential Certificates of Acceptance have been added to **Energy Code Ace's website.** <https://energycodeace.com/NonresidentialForms/2019>
- An updated version of EnergyPro version 8.2 was approved for both residential and nonresidential compliance on October 20. More info on the **compliance software webpage:** <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2019-building-energy-efficiency-2>
- An updated version of CBECC-Com 2019.1.3 (approved 10/20) is **available for download** with enhanced features and capabilities. <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2019-building-energy-efficiency-2>

## Energy Standards Training and Events

- **Energy Commission training:** [www.energy.ca.gov/title24/orc/schedule\\_oe/index.php](http://www.energy.ca.gov/title24/orc/schedule_oe/index.php)
- **Energy Code Ace training:** [www.energycodeace.com/training](http://www.energycodeace.com/training)
- **PG&E training:** [www.pge.com/pec](http://www.pge.com/pec)
- **BayREN training:** [www.bayrencodes.org/services/trainings/](http://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](mailto: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](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/>
- CEC staff is conducting a series of workshops to present and discuss proposed changes to the 2022 Energy Code. The goal of these workshops is to solicit feedback from members of the public before the start of the formal rulemaking process. 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 staff held a **webinar** on October 27, 2020 to present proposed changes to the regulations for industrial process measures for the 2022 Energy Code. Public comments will be accepted until November 10.
  - CEC staff will hold a **webinar** on November 3, 2020 to present proposed changes related to ventilation and indoor air quality and reduced infiltration for the 2022 Energy Code. Public comments will be accepted until November 20.



## Linking Energy, Equity and Public Health

Thursday, November 19, 2020

9:00AM - 12:00PM

via Zoom

[bayrencodes.org/events](https://bayrencodes.org/events)

**Date:** Thursday, November 19, 2020, 9AM – 12PM

**Location:** Zoom

(Zoom conference line information will be sent out shortly before the event.)

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

### *Linking Energy, Equity and Public Health*

This half day BayREN forum will explore the connections between climate change, energy efficiency, equity, and public health. Attendees will also hear about local examples of how health professionals, nonprofits, and local government staff are working together on these issues. This forum will include the opportunity for networking through breakout sessions and is free and open to all.

For more information and to register visit: [www.bayrencodes.org/events](https://www.bayrencodes.org/events)





## Codes and Standards Program Resources

### BayREN Live Online Trainings November/December 2020

#### BayREN On-Line Training: Heat Pump Water Heaters for Building Departments

Zoom Webinar

**Date:** Thursday, November 19, 2020

**Time:** 3:00 pm - 4:15 pm

**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: Permit technicians, plan checkers, and field inspectors.

[Webinar Registration - Zoom](#)

#### BayREN and Energy Code Ace On-Line Training: HERS-Verified Quality Insulation Installation (QII)

Adobe Connect Webinar

**Date:** Wednesday, December 2, 2020

**Time:** 9:30 am - 10:30 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 ft<sup>2</sup>. 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, Contractors, and Building Professionals

[Webinar Registration - Adobe Connect](#)

#### BayREN Codes and Standards Program

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

#### BayREN Live Online and On-Demand Energy Code Trainings

Live Online Trainings can be scheduled for local building departments. Live and on-demand trainings are ICC certified.

<https://www.bayrencodes.org/services/trainings/>

*Please Contact Christine Condon, County of Sonoma BayREN Codes and Standards Program Representative for more information: [Christine.Condon@sonoma-county.org](mailto:Christine.Condon@sonoma-county.org).*



Dear REACO Members,

The BayREN Codes and Standards team is looking for feedback and comments from building department professionals about the proposed restructuring of the 2022 Energy Code regulations for multifamily buildings.

As part of the Energy Commission's work on the 2022(!) Energy Code, they are proposing to restructure regulations for multifamily buildings, partly in response to requests from building officials for a better-organized Energy Code.

The proposed new multifamily chapter pulls requirements from the low-rise res section and from the non-res section for multifamily over 4 stories to create one set of regulations for multifamily buildings. In the process, it's expected CEC will make several things less stringent for certain types of buildings in order to create consistency across all multifamily buildings. They also aligned the insulation requirements with the Fire Code classifications for wall assemblies. Here is more detailed information if you are interested:

- Proposed changes: The proposed changes for multifamily buildings in the 2022 Energy Code are here: <https://www.energy.ca.gov/event/workshop/2020-10/staff-workshop-2022-energy-code-pre-rulemaking-proposed-2022-energy-code-1>. The summary and resources here may also be helpful: <https://title24stakeholders.com/measures/cycle-2022/multifamily-chapter-restructuring/>
- You can submit comments to the Energy Commission here: <https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=19-BSTD-03>

The BayREN Codes and Standards team is interested in whether building departments feel this is a move in the right direction. That the CEC is willing to change the Energy Code specifically to make it easier to enforce sounds like a positive, but we'd love to hear what actual building department professionals have to say about this.

If you have reactions you're willing to share with me and with BayREN, or if you'd like more information, you can email me and Karen Kristiansson.

Thank you!

Christine Condon

Sonoma County BayREN Codes & Standards Program Representative

[Christine.Condon@sonoma-county.org](mailto:Christine.Condon@sonoma-county.org)

Karen Kristiansson

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