



# October 6, 2020 Meeting Minutes

Redwood Empire Association of Code Officials

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

October 6th 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 Jay Bradford, which was followed by the pledge of allegiance.

## 2. PRESENTATION: -

None

## 3. SELF INTRODUCTIONS (Officers, Guests, Members) skipped because list of attendees was on the screen. There were 21 members and guests in attendance.

## 4. APPROVAL OF MINUTES -

A motion to approve the Meeting Minutes for August 4, 2020 and September 1, 2020 meetings was made and seconded. No objections were raised by the membership and the minutes were approved.

## 5. OFFICERS REPORTS

**President: Jay Bradford –**

No report

**Treasurer: Steve Buffenbarger –**

**September Account transactions summary:**

Checking beginning balance:	\$25,252.35
Deposits:	\$ 10.20 (interest & tax refund)
Debits and Checks:	\$ 648.00 ( 2 yrs. P.O.Box pmt.)
Checking ending balance:	<u>\$ 24,614.55</u>

**Vice President: David Willoughby –**

- Verified checking account balance and noted that September ending balance should have been \$25,252.35, not \$25,252.36 as actual interest was \$0.21 instead of the \$0.22 estimated.

**Secretary: Steve Neely –**

No report.

**Past President: Charles Lucas –**

No report.

**No Program:**

## LIAISON REPORTS

**SCFPO:**

- Devon Gambonini noted that the FPOs were still interested in participating in Solar P.V. energy storage system training. Mike Stone and Eric Seabrook are in the process of collaborating to see if they can make something work.
- Doug Williams noted that the FPOs are expressing concerns about outdoor dining/event tents (as a solution to COVID-19 indoor dining restrictions) with propane heaters.

**ICC: Susan Dowty –**

- 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. See attached Building Safety Journal for more details.

- ICC received results for the second-round COVID-19 surveys. The results can be found at the Corona Virus Response Center page on their website. They use the information to advocate for jurisdictions' recovery and mitigation purposes.
- ICC Codes are being printed and ICC is adopting Mass Timber Building Standards in July 2021. These and all current and previous ICC Code books are available for free download at [codes.iccsafe.org](https://codes.iccsafe.org).
- Training for Mass Timber Building Standards will be held on 11/19/2020. See attached ICC newsletter.
- ICC is asking for IS-LOG (Log and Heavy Timber) committee members.

**CBOAC: Eric Seabrook --**

- CBOAC annual conference has been cancelled. They have secured Tenaya Lodge for next year's conference in early May. Officers will retain their current positions until then.

**CALBO: Brad Wungluck –**

Not present. However, he did provide the CALBO Chapter Report Summer 2020 attached to the agenda and these minutes.

- David Willoughby pointed out that the CALBO Chapter Report does include Ontario (10/19-22/2020) and San Ramon (1/25-28/2021) trainings have been cancelled. Newport Beach (12/14-17/2020) will be a hybrid of both virtual and in-person.
- Jay Bradford mentioned that CALBO has a list of State bills being tracked that REACO members may consider forming a committee to monitor concerns and provide input to members. This could be accomplished by either making a motion at a REACO meeting, or by emailing the REACO Executive Membership with a request to bring it to the floor at our next meeting.
- Shane Diller commented that the legislature has wrapped up for the year, so no new bills until next year's legislature cycle.

**CEC: Amie Brousseau --**

- CEC Is looking for volunteers to provide input into potential changes to the Mechanical Acceptance Test Technician Implementation Proceedings. See the attached September 2020 Energy Division Updates attached to the agenda and these minutes.
- The new 9/2020 Blueprint is now available.
- San Mateo County and the Town of San Anselmo had their Energy Code Ordinances accepted by the CEC at the September business meeting.
- Reach Code webinars are available along with a list of jurisdictions that have already had their Reach Code Ordinances approved by the CEC.
- The revised CBECC-residential & commercial are now available. Here is the link to webpage for the 2019 Energy Code standards and compliance manuals: <https://www.energy.ca.gov/programs-and-topics/programs/building-energyefficiency-standards/2019-building-energy-efficiency-2>
- Pre-rulemaking for 2022 CEC has begun. See attached September 2020 Energy Division Updates for details n this and all items noted above.

**BayREN: Christine Condon –**

- No new training being offered in October. However, a repeat of the Heat Pump Water heater training online on 10/21/2020. See attached BAYREN handout.
- All past BAYREN and CEC trainings have compliance manuals can be made available online. Please contact the respective entities to obtain one or more. Energy Code Ace is a great resource for searchable Energy Code Standards, Compliance Manuals and Forms. [www.energycodeace.com/training](http://www.energycodeace.com/training).
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- 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 –**

- Jim Sayers of the ICC Board was appointed to the Net Zero Coalition along with the Bylaws Committee.
- Kevin McCoster was appointed to the Seismic Retrofit Committee.

**IAEI: Mike Stone –**

- No IAEI meeting last month, maybe 10/18/2020.
- Has some webinars for future trainings that he is working with the education committee to get to us.
- Sacramento Valley ICC Chapter will provide Grounding and Bonding training on 11/18 & 19/2020. Training is split up into three-hour successive sessions. One on 11/18 and one on 11/19.
- 2023 NEC 1<sup>st</sup>. draft meetings will be held virtually. More information at the NFPA website.

**AIARE:** No Report

**CSI:** No report

**6. CORRESPONDENCE AND ANNOUNCEMENTS**

- Jay Bradford announced his transition from Rohnert Park Building Official to Novato Building Official. He will be serving as acting Building Official for Rohnert Park for a limited time.
- Congratulations Jay!
- This will provide a potential opportunity for someone in Sonoma County to obtain a Building Official position while increasing Marin County participation in REACO.

**7. COMMITTEE REPORTS**

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

- Eric and Charles will call the nominees and verify their desire and commitment to serve on the REACO board and will make a formal nomination at the November 3<sup>rd</sup> meeting.
- Per the bylaws, nominees must attend the November 3, 2020 meeting to be eligible for election.
- Also, not part of the bylaws but discussed was asking for a short introductory statement from the nominees on their background and current position.

**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**

- Sonoma Clean Power is implementing their Lead Locally Program which incentivizes homeowners & contractors to utilize preferred electric appliances and pre-approved contractors to install them.
- **Formation of EDB Technical Advisory Group (TAG)** Subcommittee “To gain consensus among Building, Code Enforcement, and Fire Officials and Officers in identifying and promoting uniform, impartial, and SAFE technical operational standards for businesses during the COVID-19 Pandemic, and to provide a clear, consistent and reasonable path for application and enforcement of these standards.”
- Jay used some of the issues raised by Doug Williams, about outdoor dining and other facilities, as one example of an aspect of today’s business that can benefit from a consistent message throughout the region. Sonoma County and the Health Officer are very good about aligning COVID-19 protocols and regulations but leaving it up local jurisdictions to enforce them. A subcommittee could open a dialogue across the region to assist as-well-as promote collaboration and consistency in the implementation and enforcement of Sonoma County Health Officer’s COVID-19 Orders. A good resource is City of Sonoma

outdoor business expansion due to COVID <https://www.sonomacity.org/documents/city-of-sonoma-temporary-parklet-and-sidewalk-extension-guide/>.

- Contact Lou Kirk, subcommittee chairman, 707-588-2265, [lkirk@rpcity.org](mailto:lkirk@rpcity.org) if interested in participation in the subcommittee. Building Official participation is needed and greatly appreciated.
- **A REACO Structural Hardening subcommittee** is being formed to address the feasibility of creating a template ordinance to assist local jurisdictions in creating their own ordinance requiring all new homes to comply with CRC R337 (or CBC Ch. 7A as appropriate) in hopes of reducing property losses in future fire events and to help fire-fighting personnel combat urban fires brought about from wild land fires.
- Steve Buffenbarger volunteered to serve on the subcommittee. This committee will be included in REACO meeting agendas and minutes once it is established. Contact the REACO Executive Board if you are interested in participating.
- Christine Condon commented that the Energy and Sustainability Division PACE Program has been approved for existing homes in Sonoma County to assist in structure hardening for residences. The web page address is <https://sonomacountyenergy.force.com/financing/s/expansion>.

## **9. OLD BUSINESS**

- State Health reporting requirements for contractor's staff having been exposed to COVID-19 and having potentially exposed Building Division/Department staff have changed recently.

## **10. LEGISLATIVE NEWS**

## **11. CODE ISSUES**

- Steve Buffenbarger asked the members along with any engineers in the audience for a definition of High Load Diaphragm. Tony Piazza commented that High Load Diaphragms are mostly used for large tilt-up buildings where getting enough shear value from the roof/floor diaphragm to deliver the lateral loads to the exterior walls is problematic. Sal Lucido agreed and commented that CBC chapter 17 does list high load diaphragms as a special inspection element, but there is no special inspection certificate for that element. The Engineer of Record usually does those inspections. Both agreed that a high load diaphragm was not required for the 900 square foot A.D.U. used as the example.

## **12. ADJOURNMENT**

The meeting was adjourned at 1:30 pm by Jay Bradford.

**The next meeting; will be held on November 3, 2020 via WebEx**

# ICC [Government Relations](#) Monthly Update – October 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.

## **CEU OPPORTUNITIES:** ICC hosts virtual panel events, keynotes & breakouts on building safety topics

The International Code Council offers its inaugural virtual education summit, [ICC LEARN LIVE](#), a five-day virtual event which includes a series of panel sessions and keynotes from building industry experts. ICC Learn Live will address the most pressing issues and priorities for building safety professionals such as training the next generation of talent, the impact of COVID-19 on building safety and the economy, adopting virtual capabilities, and an in-depth overview of the upcoming 2021 International Codes (I-Codes). [Educational sessions offer continuing education units \(CEUs\)](#). Just a few of the sessions are:

- **Monday, November 9, at 3 p.m. ET - COVID-19 Global Impact Panel.** A group of distinguished international panelists will discuss the impacts of COVID-19 on the building safety industry. Speakers will address economic impact, best practices and pandemic strategy. [Register here.](#)
- **Tuesday, November 10, at 11 a.m. ET - Sneak Peek at 2021 Code Changes.** The Code Council will debut significant changes to be released in the 2021 I-Codes. Get a sneak peek at the updated building, residential, fire and plumbing codes. [Register here.](#)
- **Wednesday, November 11, at noon ET - Remote Virtual Inspections – Recommended Practices.** Recently, the Code Council released [Recommended Practices for Virtual Inspections](#). This overview will include suggestions for implementing an effective and consistent remote virtual inspections program and how to assist jurisdictions in adapting readily available technologies in their own inspection programs. [Register here.](#)
- **Thursday, November 12, at 3 p.m. ET - Evolution of Careers Building Safety Panel.** A panel of industry experts will provide discuss the industry's need for new professionals and the various ways to get involved. [Register here.](#)
- **Friday, November 13, at noon ET - Keynote Address: Discovering the Building Safety Profession and Networking.** [Eric "Doc" Wright](#), Founder and CEO of [Vets2PM](#), LLC, and [Amazon #1 best seller](#), will share his experience as a Veteran entering a new career. [Register here.](#)

Having launched its [Coronavirus Response Center](#) earlier this year, the Code Council's ICC Learn Live event is the next step to provide building code officials, construction workers and others with resources and tools necessary to adapt. For more information and to register for ICC Learn Live, click [here](#).

## **Next ICC Board of Directors meeting on appeals from the 2019 Group B code cycle is set to start Oct. 5**

The ICC Board of Directors recently issued a final decision on the first two groups of appeals related to the 2019 Group B code cycle – preemption and committee reconsideration – and outlined next steps. The Board will meet again on Monday, October 5, to consider the remaining appeals. These appeals are one part of a longer code development process that is responsive, transparent and open. For more information about this process and how it creates the most widely used and adopted set of building safety codes in the world, [click here](#). For the recent release on the Board's decisions, [click here](#).

## **ICC and FEMA team up to explain BRIC's grant funding for building and fire prevention departments**

The Code Council hosted a webinar (that's available for viewing) on the Building Resilient Infrastructure and Communities (BRIC) program on September 16 which featured leaders from FEMA and state and local governments. They outlined [funding opportunities for building and fire prevention departments](#) through BRIC and shared best practices for how to successfully leverage BRIC grants through coordination with hazard mitigation officials. BRIC 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](#). Brick

and mortar mitigation projects are competitive candidates for funding based on state adopted codes and local [BCEGS scores](#). Click [here](#) to access webinar playback. Download webinar slides [here](#).

- [Click here](#) for a fact sheet with key information on how BRIC promotes the adoption and enforcement of hazard resistant codes.
- [Click here](#) for additional information on the Code Council's *When Disaster Strikes Institute*, which FEMA mentions in its [BRIC materials on eligible code activities](#).

### **Code Council staff focused on assessing wildfire damages, causes and prevention strategies**

No region is immune to the threat of wildfires, but this year's multi-state wildfires in the West are boosting interest in the International Wildland-Urban Interface Code (IWUIC) and revising strategies to prevent or contain future wildfires. A recent [New York Times article](#) describes the situation: "Millions of Americans are moving into wildfire-prone areas outside of cities, and communities often resist restrictions on development. A century of federal policy to aggressively extinguish all wildfires rather than letting some burn at low levels, [an approach now seen as misguided](#), has left forests with plenty of fuel for especially destructive blazes ... loading the dice for more extensive fires." Karl Fippinger, Vice President, ICC Government Relations Fire and Disaster Mitigation, said that while most of the fire service community's focus is on [extinguishing the West Coast states' fires](#), ICC members and staff are preparing to update the IWUIC to changing needs. Members can engage in IWUIC development for the 2024 I-Codes in a variety of ways. The Fire Code Action Committee (FCAC) is meeting regularly and sponsors an IWUIC work group that is open to all members. Members can also [submit code change proposals for the 2024 IWUIC](#) via [cdpACCESS](#) beginning mid-October until January 11. The IWUIC is among the Group A Codes. The public can learn more about the [2021 IWUIC](#) which can be ordered. The ICC Government Relations webpage also has a [page dedicated to helping communities](#) prevent wildfire destruction. For information on the FCAC, email Beth Tubbs, Senior Staff Engineer with the International Code Council (ICC) Codes and Standards Development department, [BTubbs@iccsafe.org](mailto:BTubbs@iccsafe.org), or Karl Fippinger, [KFippinger@iccsafe.org](mailto:KFippinger@iccsafe.org).

### **Second building, fire officials survey continues monitoring how they cope with pandemic issues**

Results of a follow up survey of building and fire prevention officials to learn how code officials cope with professional challenges brought on by the COVID-19 pandemic underscore the importance of additional federal resources for code departments. The survey, conducted August 11 to September 3, documented information from more than 800 respondents from jurisdictions that range in size from 700 people to 4 million. Although the U.S. Department of Homeland Security [has determined](#) the work of building and fire prevention departments to be essential to the nation's response to the coronavirus pandemic—and no state has made a contrary determination—about half of survey respondents did not have the capability to remotely carry out critical aspects of their work. That's an improvement from 6 in 10 in April, but still unacceptable given code departments' [vital role](#) in communities' pandemic response, resilience, economic recovery and long-term success. "The results of this survey show how, in less five months, the Code Council's governmental members have worked to ensure their departments can continue to protect public safety and spur economic activity in a virtual work environment," said Code Council Chief Executive Officer Dominic Sims, CBO. "But too many departments have outstanding needs. It's critical that sufficient resources to support building and fire prevention departments are provided by state and local governments through existing CARES Act funds and by the federal government through any subsequent economic stimulus package." [Read more here](#).

### **ICC Community Development Solutions Partners with *Inspected* to facilitate remote virtual inspections**

[ICC Community Development Solutions](#) and [Inspected](#), a virtual inspection software company, recently announced a joint partnership to make remote virtual inspections accessible to code officials, homeowners and contractors. ICC Community Development Solutions, a subsidiary of the International Code Council that provides software solutions for municipalities and building safety professionals, will offer *Inspected's* remote video inspection software to Code Council members, partners, municipalities,



and government jurisdictions to conduct effective and consistent virtual inspections. *Inspected's* patent-pending software provides a secure platform specifically designed to implement and manage remote virtual inspections with features such as automatic algorithmic geo-tagging, photo and video recording, scheduling, record-keeping, and cloud storage capabilities. [Read more here](#).

#### **Major Jurisdiction Committee wants to share ICC members' "Best Practices" in local jurisdictions**

The Code Council's Major Jurisdiction Committee (MJC) is seeking ICC member input on "Best Practices" that they or their jurisdictions have either developed or experienced in a code administration environment. Best Practices will be expanded to include both MJC vetted best practices and best practices vetted through the International Accreditation Services (IAS) process. All submittals will conform to a format to simplify the search process. Further, IAS has a series of categories that all best practices will be catalogued per the IAS methodology to enhance ease of use. If you or your jurisdiction have a best practice to share, please do so. Online submissions information and the MJC's Best Practices page are accessible by [clicking here](#). The MJC leadership will be giving a presentation during **ICC LEARN LIVE** and would like to feature some new Best Practices, especially any that have been developed during and in response to the COVID-19 pandemic.

#### **ICC receives Commerce Department grant to support publication, implementing of Gulf building codes**

The International Code Council will receive the Market Development Cooperator Program (MDCP) grant to partially underwrite the work the Code Council will undertake with the Gulf Standardization Organization (GSO) to publish a suite of regional model building codes. The grant is a major show of support for the work undertaken by the GSO since that organization entered into an [agreement with the Code Council in 2016](#) to begin work developing the unified Gulf Building Code. The work to develop the Gulf Building Code has been underway for the past four years, involving stakeholders based in all Gulf Cooperation Council member states, and the development process is now in its final stages. [Read more](#).

#### **Deadline is October 18 to submit comments on solar thermal collectors and systems standards**

The deadline is October 18 to submit comments on ICC/SRCC standards for solar thermal collectors and systems which are currently being revised under [ICC's ANSI-approved standard development procedures](#). The IS-STSC has released additional draft changes to the documents for a second public comment period. The **Public Review #2 Package** document contains proposed changes shown in strikeout and underline format, along with the required comment form and instructions for submitting comments. Comments will only be accepted on these draft changes to the documents developed by the committee since Public Review #1. To be accepted, comments must include specific changes to the language in the standard proposed, and a rationale. [Click here](#) for the Public Review Package document. Have questions? Visit the [project website](#) or [contact the staff secretariat](#).

#### **Code Council's PRONTO now offers five new exams based on the 2021 International Codes**

The Assessment Center at the International Code Council recently announced the addition of four new exams based on the 2021 International Codes — M2 - Commercial Mechanical Inspector; M3 - Mechanical Plans Examiner; P2 - Commercial Plumbing Inspector; and P3 - Plumbing Plans Examiner. The exams are conveniently offered through the PRONTO (Proctored Remote Online Testing Option). Look for more to be added within the coming months. [Read more here](#). The Assessment Center also recently announced the new Tall Mass Timber Special Inspector certification. The certification exam is now conveniently available via the PRONTO. [Read more here](#).

#### **Changes to lead reduction regulations finalized by EPA to lower lead content of plumbing products**

The U.S. Environmental Protection Agency finalized its changes to existing regulations to provide a framework of compliance under the Reduction of Lead in Drinking Water Act of 2011 (RLDWA), which lowered the allowable maximum lead content of plumbing products to further protect the public from lead used in plumbing materials that provide water for human consumption. [The final rule](#) "requires

manufacturers with 10 or more employees, and importers entering products purchased from or manufactured by manufacturers with 10 or more employees, to obtain third-party certification by an ANSI-accredited third-party certification body.” The plumbing manufacturing industry began transitioning products to new lower lead levels circa 2014. Even better, the 2015 IPC and IRC were amended to reflect RLDWA lead content requirements in drinking water pipes, pipe fittings, joints, valves, faucets and fixture fittings. For several years, ICC Evaluation Service has offered certification service to the requirements of NSF/ANSI 372 and is available to address certification needs. For questions, contact ICC Vice President of PMG Programs Guy Tomberlin at [gtomberlin@iccsafe.org](mailto:gtomberlin@iccsafe.org).

#### **ALSC reports more non-ALS lumber grade marks appearing in Missouri and New Hampshire**

The American Lumber Standard Committee alerted its members and industry that a lumber grade stamp was recently observed in Missouri and New Hampshire. Similar reports surfaced this year from New York, Texas, Georgia, Massachusetts and North Carolina. The stamp “No.2” does not come from any ALSC-accredited inspection agency, there are no ALS-approved design values that are attributable to lumber bearing this stamp and it should not be represented as a structural lumber product under the ALSC system. [Read more here](#).

#### **Code Council announces updates to Building Valuation Data to aid in calculating permit fees**

The Code Council recently announced updates to [Building Valuation Data](#) (BVD) for its members. The BVD is updated at six-month intervals, with the next update in February 2021. The Code Council strongly recommends that all jurisdictions and other interested parties actively evaluate and assess the impact of this BVD table before utilizing it in their current code enforcement related activities. The BVD table provides “average” construction costs per square foot, which can be used in determining permit fees. Permit fee schedules are addressed in Section 109.2 of the 2018 International Building Code (IBC) whereas Section 109.3 addresses building permit valuations. Permit fees can be established by using the BVD table and a Permit Fee Multiplier, which is based on the total construction value within the jurisdiction for the past year. [Read more here](#).

#### **Residential Seismic Assessment and Retrofit Standard Consensus Committee to Meet for First Time**

A virtual meeting of the [Code Council’s Residential Seismic Assessment and Retrofit Standard Consensus Committee](#) (IS-RSARC) will be held from 11:30 a.m. to 2:30 p.m. CT on October 16 to discuss the development of the ICC 1300 standard. As an American National Standards Institute accredited standards developing organization, the Code Council is undertaking a project coordinated with the California Earthquake Authority and the Federal Emergency Management Agency to develop a Code Council standard for the seismic evaluation and retrofit of one- and two-family dwellings (including townhouses) designated as ICC 1300, Standard for the Vulnerability-Based Seismic Assessment and Retrofit of One- and Two-Family Dwellings.

#### **Call for Committee on the Consensus Committee On Log Structures has a November 1 deadline**

As an ANSI accredited standards developing organization, the Code Council is revising the ICC 400, Standard on the Design and Construction of Log Structures, to maintain the standard with current industry practice. The application deadline to serve on the committee is November 1. Once appointed, this committee will convene to undergo the revision process in accordance with ANSI Essential Requirements for the development of American National Standards. This Committee has primary responsibility for minimum requirements to safeguard the public health, safety and general welfare through design, construction and installation requirements for log and heavy timber structures. Visit the [IS-LOG committee webpage](#) for current news updates on committee activities. For more information on the ICC procedures for developing standards, refer to the ICC Consensus Procedures [posted here](#).

#### **Code Council CEO Dominic Sims is featured in recent Plumbing and Mechanical homepage PM Profile**



Plumbing & Mechanical recently interviewed International Code Council CEO Dominic Sims about the current landscape for codes and standards and the plumbing industry overall. Sims has led ICC since 2012 and is responsible for overall activities and financial performance of the organization. The article is titled “International Code Council helps plumbing industry pros navigate new normal post COVID-19 pandemic.” [Click here to link to the article.](#)

### **Compliance forms to support energy code compliance and training opportunities announced**

New [compliance forms](#) were recently developed to support demonstrating commercial building energy code compliance with the performance-based approaches of ASHRAE Standard 90.1-2016 and 2019 Energy Cost Budget and Appendix G Performance Rating Methods. These forms will help modelers establish simulation inputs for the baseline/budget and proposed design models and include submittal checklists to ensure that all necessary supporting documentation is included in compliance submittals. Pacific Northwest National Laboratory is hosting two training webinars, the first of which was held September 29. The [next will be 1-3 p.m. Eastern](#) on December 8. [Read more here.](#)

### **Recipients of six sponsored scholarships to children of Code Council members announced**

The International Code Council recently awarded [six sponsored scholarships](#) to children of Code Council members. The 2020 recipients include:

- **General Scholarship Fund** – Charlee Bichara, daughter of Charles Bichara of the city of Middleburg Heights, Ohio, and Gavin Justice, son of Trace Justice, Snohomish County, Wash.
- **William J. Tangye Scholarship** - Mason Moritz, son of William Moritz of Monterey, California.
- **C. D. Howard Scholarship** - Autumn Carlson, daughter of Ricky Carlson of the Phoenix City Alabama building department.
- **J. W. “Bill” Neese Scholarship** – Heather Beck, daughter of Robert M. Beck of the Clark County Nevada School District.
- **Charlie O’Meilia Scholarship** – Elizabeth Ann Greiner, daughter of Mary L. Martinelli, St. Petersburg, Fla.

### ***GOT PULSE?* Episode 30 features former ICC Board President Steve Jones and *Inspected’s* Johnny Goetz**

In this episode of the ICC Pulse Podcast, Code Council Government Relations Senior Regional Manager [Steve Jones](#) hosts a dialogue with *Inspected* Director of Government Relations [Johnny Goetz](#), about remote virtual inspections and how building safety professionals can implement this method.

### **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:

- October 5 - 2018 Fire Inspector Webinar Series, [Special Occupancies and Operations](#).
- October 6 – IMC Webinar Series, [Refrigeration, Fuel Oil Piping and Storage and Solar Systems](#).
- October 7 - [Legal Aspects of Code Administration](#)
- October 12 - [2018 Building Plans Examiner Certification Test Academy B3](#).
- October 13 - 2018 Fire Inspector Webinar Series, [Regulated Materials and Processes](#) .
- October 15 - [2019 Chicago Construction Codes](#).
- October 15 - [2018 IFGC Webinar Series: Gas Piping Installations](#).
- October 20 - [2018 IPC Webinar Series: Chapters 1, 2 and 3](#).
- October 21- [Leadership Webinar Series: Public Speaking](#).
- October 26 - [2018 Permit Technician 14 Certification Test Academy](#).
- October 27 - [2018 IPC Webinar Series: Chapters 4, 5 and 6](#).

- October 29 - [2018 IFGC Webinar Series: Gas Piping Installations - Gas Sizing Systems.](#)
- 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 11 – [ICC LEARN LIVE Remote Virtual Inspections – Recommended Practices.](#)
- November 12 – [ICC LEARN LIVE Evolution of Careers Building Safety Panel.](#)
- November 13 – [ICC LEARN LIVE Discovering the Building Safety Profession and Networking.](#)
- November 18 - [Essential Skills for Rising Leaders.](#)
- November 19 - [Virtual Training Room on Mass Timber Building and the IBC.](#)
- 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](#)

**From:** California Building Officials <info@calbo.org>  
**Sent:** Thursday, October 01, 2020 12:24 PM  
**To:** David Willoughby  
**Subject:** Important CALBO Education Week Changes



October 1, 2020

California Building Officials »

## 2020 CALBO Education Week Changes: In-Person and Virtual Attendance Available

CALBO strives to be the leader in topical, progressive and innovative training. We have worked hard with local city, county and state officials to ensure a safe experience for you.

Due to state mandates in place relative to the COVID-19 pandemic, the 2020 CALBO Education Week: Ontario from October 19-22, 2020 and 2021 CALBO Education Week: San Ramon from January 25-28, 2021 have been **cancelled**.

CALBO will host the 2020 CALBO Education Week: Newport Beach with the opportunity to attend courses **in-person or virtually** from December 14-17, 2020.



Already registered for course(s) at the CALBO Education Weeks in Ontario, San Ramon or Newport Beach? What are your next steps?

- Each registrant has been emailed the next steps about their registration to explore their attendance/transfer options.
- [Explore the Virtual Education Week experience.](#)
- [Explore the In-Person Education Week experience.](#)

Are you a new Education Week registrant?

- [Register to attend in-person or virtually – click here.](#)



# Efficiency Division Updates

CALIFORNIA ENERGY COMMISSION

REACO ICC Monthly Meeting

October 2020

## Efficiency Division Updates

- Business meeting on September 9:
  - Approval of the local jurisdictions of the town of San Anselmo and the county of San Mateo for energy ordinances that exceed the energy efficiency requirements of the 2019 Energy Code.
- Next business meeting is October 14. **Business Meetings Agendas and Minutes:** <https://www.energy.ca.gov/proceedings/business-meetings>
- New **Blueprint 131 July-September 2020** is now available: <https://www.energy.ca.gov/newsroom/blueprint-newsletter>
- The mechanical Acceptance Test Technician Certification Provider (ATTCP) program will begin the implementation process. For more information on the ATTCP program and to participate in development of the implementation plan, please refer to the **Mechanical Acceptance Test Technician Implementation Proceedings:** <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=20-ATTCP-01>
- An updated version of CBECC-Res 2019.1.3 (approved 9/4) is **available for download** with enhanced features and capabilities. Check out the **What's New and Different document** for more details: <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2019-building-energy-efficiency-2>
- The California Statewide Reach Codes program will host a **webinar** on October 14 to present results of the low-rise residential retrofit cost-effectiveness analysis to inform reach code development opportunities: <https://localenergycodes.com/content/events>

## 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 September 22, 2020 to present proposed changes to the regulations for outdoor lighting and daylighting for the 2022 Energy Code. Public comments will be accepted until October 6.
  - CEC staff held a **webinar** on September 23, 2020 to present computer room efficiencies, pipe sizing and leak testing for compressed air systems, and refrigeration systems operations for the 2022 Energy Code. Public comments will be accepted until October 7.
  - CEC staff held a commissioner-led **webinar** on September 30, 2020 to examine recent scientific studies relating to the effects of indoor cooking on indoor air quality. Public interest groups have requested this workshop to help inform ventilation requirements in the 2022 Energy Code. Public comments will be accepted until October 12.
  - CEC staff will hold a **webinar** on October 6, 2020 to present proposed changes related to solar photovoltaic requirements and electrification for the 2022 Energy Code. Public comments will be accepted until October 20.
  - CEC staff will hold a **webinar** on October 7, 2020 to present proposed changes nonresidential lighting, air distribution and heating, ventilation, and air conditioning (HVAC) controls for the 2022 Energy Code. Public comments will be accepted until October 21.
  - CEC staff will hold a **webinar** on October 13, 2020 to present proposed changes to multifamily domestic hot water boilers and restructuring sections of the 2022 Energy Code. Public comments will be accepted until October 27.



## Codes and Standards Program Resources

### 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/>

### Energy Code Permit Guides

<https://www.bayrencodes.org/resources/permit-guides-2/>

The following 2019 Title 24, Part 6 Energy Code Residential and Nonresidential Permit Guides are available to download:

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

Permit Guides can be customized to include your building department's name and logo within the header of the guide.

### Zero Net Energy/Decarbonization Resources for Local Governments

<https://www.bayrencodes.org/resources/local-ordinances-zne/>

**BayREN Municipal Zero Net Energy/Zero Net Carbon Assistance.** BayREN is providing zero net energy (ZNE) engineering analysis to support local governments to lead by example in their own facilities.

- **BayREN Energy Target and Benchmark Tool.** BayREN's Energy Target and Benchmark Tool is a free web service that can be used to set building energy performance targets for construction and renovation projects, and to benchmark performance after construction.
- **New Buildings Institute Getting to Zero Resource Hub** (external link) The Getting to Zero Resource Hub is an open-source collection of over 300 zero energy/zero carbon resources across six different topic areas: design & development, embodied carbon, local governments toolkit, codes & policy, residential, and schools.
- **Building Decarbonization Coalition Clean Building Compass.** (external link) Building Decarbonization Coalition's Clean Building Compass provides tools, case studies and templates to help local governments navigate the climate crisis, inspire action, and network with other local government staff.
- **State of California ZNE policy.** (external link) This outlines the state of California's zero net energy policy for new and existing state buildings.
- **Bay Area Community Choice Aggregator/Local Government Programs** (pdf). Handout on Bay Area Programs for Decarbonization of Municipal Buildings & Electric Vehicle Infrastructure.
- **Municipal Zero Net Energy (ZNE) Resources and Templates Packet** (combined pdf). Policy analysis and template language to help jurisdictions take early action toward the State's ZNE goals. This packet is made up of the following, individual resources:
  - **User Guide: Municipal Zero Net Energy (ZNE) Resources and Templates** (pdf)
  - **BayREN ZNE Policy Analysis Matrix** (pdf)
  - **BayREN ZNE Policy Analysis Presentation** (doc)
  - **Request for Proposals (RFP) Language** (doc)
  - Owner's Project Requirements (OPR) Template
    - **BayREN OPR Template** (doc)
    - **BayREN OPR ZNE Template Language** (doc)
  - **EUI Targets** (xlsx)

*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).*



# Lead Locally

## Seeks Qualified Contractors

Certified contractors connect directly with Sonoma Clean Power's customers at [sonomacleanpower.org/aec](http://sonomacleanpower.org/aec)

SCP is providing millions of dollars in incentives and financing to SCP customers through the Lead Locally program. Visit the SCP Advanced Energy Center online or in person to see how we Lead Locally!



**Customers get local, affordable technologies with SCP incentives, ranging from \$100 - \$1,000**

## Become an Exclusive On-Bill Financing Contractor

- Expanded business opportunities
- Customers eligible for zero percent interest on-bill financing up to \$10,000 (10 year term)
- On-bill financing allows customers to install more improvements
- Minimal close-out documentation speeds up contractor payments
- Customers connect with you with a click of a button!

## Contractors can install:

- Heat pump space heating/or water heating
- Induction cook tops
- Heat recovery ventilators
- Phase change materials
- And other cutting-edge energy efficiency technologies

## Ready to grow your business? It's Easy with Lead Locally!

- 1 Submit your Contractor License Number
- 2 Attend a 30-minute webinar on September 29<sup>th</sup> at 7:30 AM or October 1st at 12:00 PM to learn about the Advanced Energy Center
- 3 Watch short, recorded trainings about improvements you wish to install
- 4 Place bids for customers to start projects on [sonomacleanpower.org/aec](http://sonomacleanpower.org/aec)

## Interested?

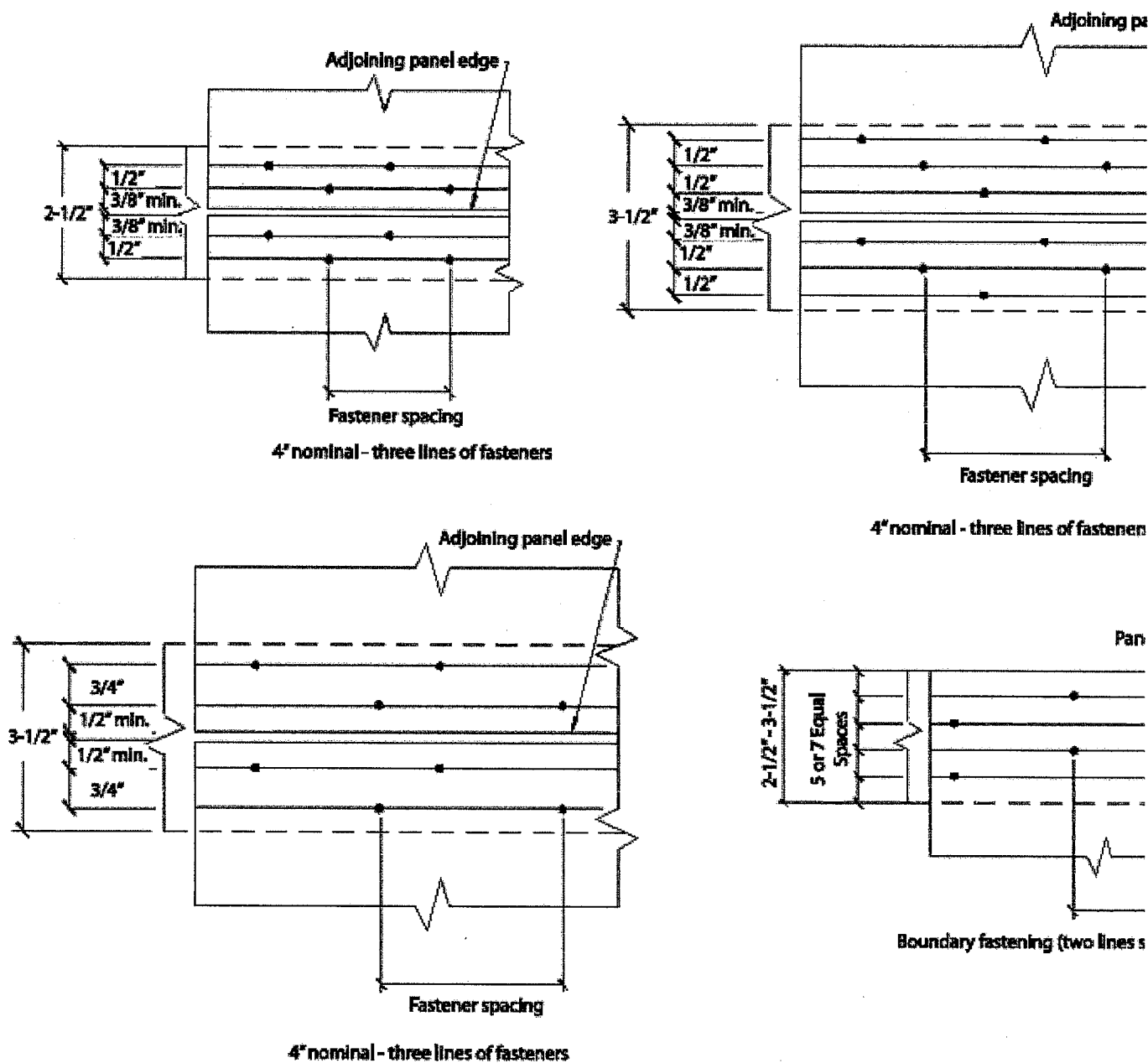
Contact us to become a member of a small list of qualified contractors and get direct customer referrals.

[Angel Garza, Program Coordinator](mailto:advancedenergycenter@sonomacleanpower.org)  
[advancedenergycenter@sonomacleanpower.org](mailto:advancedenergycenter@sonomacleanpower.org)  
Direct Line: (707) 324-3223  
SCP Business Office: (707) 791-1346  
SCP Customer Service: 1 (855) 202-2139

Jay,  
 The main indication would be that there are multiple rows of fasteners at the sheathing panel edges.  
 The following Figure is taken from the NDS- Special Design Provisions for Wind and Seismic, 2015. The figure is referenced in section 4.2.7.1.2 of this document.

These are typically used in large tilt-up buildings with large shearwall line spacing where diaphragm shear stress are quite high.

**Figure 4B High Load Diaphragm**



Note: Space adjoining panel edge joists  $1/8"$ . Minimum spacing between lines of fasteners is  $3/8"$ .