



March 3, 2020 Meeting Minutes

Redwood Empire Association of Code Officials
1007-B West College Avenue # 326 Santa Rosa, CA 95401
The March 3rd meeting was held at Cattleman's in Petaluma

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

The meeting was called to order at 12:14 pm. by Jay Bradford, which was followed by the pledge of allegiance.

2. SELF INTRODUCTIONS (Officers, Guests, Members)

There were 18 members and guests in attendance.

3. APPROVAL OF MINUTES -

A motion to approve the minutes was made by Charles Lucas and seconded by Doug Hughes. All approved; no opposed.

4. OFFICERS REPORTS

President: Jay Bradford –

The executive board meeting was held on February 12, 2020 with current board members, audit, and education committee attending. We discussed the March 3, 2020 meeting and upcoming Items for the 2020 calendar year. Information was provided to the audit committee.

Treasurer: Steve Buffenbarger –

Account transactions summary:

Checking beginning balance:	\$28,193.99
Deposits:	\$ 1,055.05
Debits and Checks:	<u>\$ 1,225.70</u> (checks and withdrawals)
Checking ending balance:	\$28,023.34

Vice President: David Willoughby –

- Verified checking account balance.
- Noted that last month the executive board updated the bank's signatures of record removing two previous board members and replacing them with David Willoughby and Steve Neely.
- REACO received \$1,250 from ICC to offset cost of accessibility class and paid ICC Preferred Provider and Region 1 membership dues.
- Mentioned that the REACO website has a lot of useful information. For example, expedited P.V. and solar battery handouts, and a calendar containing training and meeting dates.

Secretary: Steve Neely –

No report.

Past President: Charles Lucas –

No report.

LIAISON REPORTS

AIARE: No Report

CSI:

- Membership, by unanimous vote, agreed to sponsor a booth at the upcoming CSI Expo on 3/29/2020. The cost of the booth will be reduced by the credited amount of a table (\$500). Eric Seabrook, Charles Lucas, Jay Bradford, and Kevin Scheumann volunteered to take one 4-hour shift. We need at least four more volunteers.
- Seminar and Dinner at Charlie's Grill 3/5/2020 3 pm. Start panel discussion on code changes.

SCFPO: No report

ICC: Chris Ochoa –

- Called for ICC chapters to adopt May as Building Safety Month. Document and instructions on the REACO and ICC websites. See ICC announcements attached.
- New E Learning library webinar 3/11/2020 at 10 am PT, [Premium Access and Online Digital Library webinar](#)
- The ICC Government Relations Report was not available as of last meeting date. Chris has sent it and it is attached to these minutes.

CBOAC: Eric Seabrook --

- Annual Conference and Business Meeting at Morro Bay on will be May 3rd to 7th. Go to www.cboac.net
- Jay Bradford reminded the group that one member of REACO will be allowed to attend the CBOAC ABM registration free, due to REACO's sponsorship, this year. Jay called for anyone interested to contact an executive board member.

CALBO: Brad Wungluck --

- Not present. See attached flyer.

CEC: Amie Brousseau --

- Mentioned some highlights located in the Efficiency Division Updates pages that were attached to the agenda for March and are attached to these minutes:
- CEC Approved local ordinances exceeding the 2019 Energy Code for Santa Rosa, Berkeley, Mountain View, Windsor, Milpitas, Healdsburg, Palo Alto, Los Gatos, and Brisbane.
- CEC is working on trainings in May and is available for local jurisdiction Energy Code questions and training.
- Approved Aurora solar Tool for use determining solar/sum access.
- See attached handout for more.

IAEI: Doug Hughes –

- IAEI Northern California Chapter Meeting Wednesday March 25, 10:00am – 12:30pm Topic: generators.
- Annual Business Meeting Aug. 30th thru Sept. 3 at the Nugget Casino Resort in Sparks/Reno, NV.

BayREN: Christine Condon –

- An incentive program is available for fuel-switching. Provides homeowners who install energy-efficient home improvements \$1,000–\$3,150 in rebates and incentives.
- Two training sessions at the North Coast Builder's Exchange 10 am. – 2 pm.
3/27/2020 Residential Code changes for new construction & additions
4/17/2020 Non-Residential Code changes.
Both include lunch and are for enforcement agencies and contractors. See attached flyer.

- One-hour blocks of training available for local jurisdictions.
- PACE and SCEIP have been expanded to include seismic and wildfire upgrades. Contact Christine Condon at Christine.Condon@sonoma-county.org for more information on all the above.

ICC Region 1 Charles Lucas --

- CALBO ABM starts April 5, 2020 and runs to April 9, 2020.

5. COMMITTEE REPORTS

Education Committee: Eric Seabrook –

- Met last week. Looking to provide Mechanical, Plumbing, and chapter 11A classes. Have been on contact with CALBO colleagues enquiring about their availability to provide trainings and times.

Web-Site Committee --

- Still having issues with accepting multiple membership payments at one time. Steve Buffenbarger attempted to fix the problem, but it is not easily resolved.

Audit Committee Doug Williams –

- Presented the annual audit and made the following recommendations:
 - A. Utilize the website to maintain a checklist for conducting chapter business in a simple and concise fashion.
 - a. Describe required annual reporting and due dates for federal and state agencies.
 - b. Summarize expenditure authority.
 - c. Summarize required (or desired) notifications to membership.
 - i. Dues
 - ii. Election of officers
 - iii. Approval of budget
 - d. Payment schedule for maintaining mailing address.
 - e. Any other information that would be appropriate.
 - B. Continue monthly reporting of financial information.

The full audit is attached.

PROGRAM :

Advancements in Engineered Wood Beams – Speaker: Aleeta Dene, P.E., Engineered Wood Specialist, Field Services Division APA – The Engineered Wood Association. Aleeta Dene, P.E. is an Engineered Wood Specialist for the Field Services Division of APA. A licensed Professional Engineer in the state of California, Aleeta graduated from Cal Poly San Luis Obispo with a B.S. in Architectural Engineering. Prior to joining APA, Aleeta worked as a structural engineer in the San Francisco Bay Area and Los Angeles. Aleeta is an active member of SEAOC and ICC in Los Angeles. Description: This presentation will review proper design, specification, and installation of glued laminated (glulam) beams and structural composite lumber (SCL). New technologies, streamlined design options, and sustainability issues will be included, as will the constructability benefits of engineered wood beams. For more information, contact: aleeta.dene@apawood.org

6. CORRESPONDENCE AND ANNOUNCEMENTS

7. NEW BUSINESS

- April 7 meeting to be in Ukiah at Crush Steak house.

1180 Airport Park Blvd, Ukiah, CA 95482

Menu: ukiahcrush.com

Phone: (707) 463-0700

8. OLD BUSINESS

9. LEGISLATIVE NEWS

- Doug Hughes mentioned there are several bills pending legislation that could affect how we conduct business. Such as, seismic gas shut-off valves being required, E.V. charging station review not complete within 12 days, it is considered approved, and Nazarian AB 429, Earthquake Inventory Act, required state reporting could be delayed due to lack of funding from the state. See CALBO website for legislative updates.

10. CODE ISSUES

- Good question: When do ADUs in multi-family complexes need to be accessible per chapter 11A?
- Petaluma and Santa Rosa passed urgency ordinances pertaining to new ADU legislation. Santa Rosa's is not on the website yet. Petaluma's is.

11. ADJOURNMENT

The meeting was adjourned at 2:09 pm by Jay Bradford.

The next meeting will be held on April 7, 2020 at Crush Steakhouse in Ukiah ukiahcrush.com
Registration is \$25, lunch is provided. The meeting starts at 12 noon.

ICC Calendar of Upcoming Dates:

- **March 11** 10 am PT, [Premium Access and Online Digital Library webinar](#)
- **March 15** Deadline to submit 2020 [ICC Awards](#) application
- **March 15** Extended deadline to submit [application](#) to present at ICC's Annual Conference
- **April 1** Deadline for [Emory R. Rodgers Leadership in Building Safety Fellowship](#)
- **April 5-9** [CALBO Annual Meeting](#), Indian Wells, CA
- **April 14** [Officer Safety Procedures: Compliance Inspections, Drug Awareness & Mental Illness at ICC](#) in Brea, CA
- **April 29** [CALBO Leadership and Advocacy Day](#)
- **May 12** [Officer Safety Procedures: HazMat, Hoarding & Joint Enforcement Safety in Brea, CA](#)
- **May** [Building Safety Month: Safer Buildings, Safer Communities, Safer World](#)
 - Week 1: [Disaster Preparedness](#)
 - Week 2: [Water Safety](#)
 - Week 3: [Resiliency. Sustainability. Innovation.](#)
 - Week 4: [Training the Next Generation](#)
 - **May 20:** ICC Brea Building Safety Month Event
- **May 3-7** [CBOAC Annual Meeting](#), Morro Bay, CA
- **June 8 – 10** [Chapter Leadership Academy](#), Denver, CO
- **June 23** [Mass Timber Building and the IBC](#) at ICC in Brea, CA
- **June 24** [2019 CRC Essentials Seminar](#) in Oakland, CA
- **June 25** [2019 CBC Essentials Seminar](#) in Oakland, CA
- **Aug 13** [2019 CRC Essentials Seminar](#) at ICC in Brea, CA
- **Aug 14** [2019 CBC Essentials Seminar](#) at ICC in Brea, CA
- **Sept 21-24** [2018 Residential Building Inspector B1 Certification Test Academy](#)
- **Oct 11 -14** "Meet You in St. Louis" at [ICC's 2020 Annual Conference](#) in St. Louis, MO

NOTES:

Click [here](#) for ICC's Government Relations Department Chapter Monthly Update - March 2020.

Listen to the latest ICC Pulse Podcast, Episode 25: In this episode, ICC-ES President [Shahin Moinian](#) and NTA President and CEO [David Tompos](#) share excitement for the expanded offerings that have come with the acquisition of NTA. [Click here](#) to listen.

Take the Building Safety Month Proclamation Challenge: Click [here](#) to download your STEPS to SUCCESS Proclamation Guide. Please submit your signed proclamation to your Government Relations Manager (sdowty@iccsafe.org or cochoa@iccsafe.org) for posting on the ICC website.

Have you taken advantage of the free 14-Day [premiumACCESS](#) trial? Click [here](#) to sign up or contact us at premiumACCESS@iccsafe.org.

ICC Government Relations Chapter Monthly Update – March 2020



Follow @ICC_GR on [Twitter](#) for breaking news & announcements throughout the month

Women in Construction Week marks progress in the nation's workplace and career opportunities

This first week of March 2020 is also Women in Construction Week, which annually highlights women as a vital component of the construction industry. The week marks a time for the industry to raise awareness of the opportunities available for women in the construction industry and emphasize the growing role of women in the industry. Data from the U.S. Bureau of Labor Statistics indicates that by the end of 2016, there were approximately 939,000 women employed in the construction industry. While that seems impressive it's actually only nine percent of the U.S. construction industry, a relatively small percentage when compared to other industries. Despite making up a fraction of the current construction workforce, women are poised to move toward the forefront of the industry with a slow, but steady influx of female engineers, architects, project leaders, tradeswomen, contractors and more. [Read more about the trend and Women in Construction Week here.](#)

Deadline to complete ICC Chapter Annual Report using "new, improved" online format is March 15

The deadline to complete the annual report is March 15, located on the ICC website. To open it, log in to your **myICC** page and click on "Chapters." Then follow the prompts to "Add Annual Report." When you choose to complete the two-part report, your Chapter will be eligible for all benefit programs, including your Chapter Education Benefit Day, the Chapter Rewards Program, and the Chapter Awards program. Questions or comments? Contact ICC Chapter Relations office by phone 888-ICC-SAFE x5268, or email chapters@iccsafe.org.

Advanced FEMA course on planning, mitigation and funding application deadline is March 13

March 13 is the deadline to apply for the special FEMA course set for April 27-30 at the National Emergency Training Center (NETC) in Emmitsburg, Maryland, titled "[E2460 Advanced Building Science Series I](#)." This advanced-topics course for engineers, architects, floodplain managers and building code officials addresses the everchanging challenges faced from flood and wind risk, through a comprehensive approach of planning, compliance, best-practice mitigation, and funding. The four-day course is comprised of six (6) half- and full- day modules that will focus on:

1. Flood and Wind Hazard Provisions of the I-Codes and ASCE-24 (full-day)
2. Strategies for Maximizing Floodproofing Success (half-day)
3. Steps to a Successful Elevation (half-day)
4. Incorporating Future Conditions into Flood Design (full-day)
5. Wind Mitigation for Buildings: Policies & Procedures for Successful Recovery (half-day)
6. Critical Building Performance for Wind (half-day)

March 15 is deadline for ICC Chapters to submit nominations for 2020 Code Council annual awards

Even though most annual ICC [awards to honor individuals, organizations and communities](#) will be presented in October at the 2020 Code Council Annual Conference in St. Louis, the deadline to submit completed applications for these awards is March 15. For more information, contact Karla Price Higgs, Vice President, Member Services by email awards@iccsafe.org. To review the [2019 recipients, click here](#).

SAVE THE DATE! June 8-10 are the dates for the 2020 ICC Chapter Leadership Academy in Denver

On June 8-10, 2020, the Code Council will host [its fifth annual Chapter Leadership Academy](#) at the [Crowne Plaza](#) in downtown Denver, Colo. This highly popular event for ICC Chapter activists focuses on management skills for ICC Chapters. Chapters may use their benefit to finance one person (the Chapter President or designee) to the Leadership Academy in Denver or to the 2020 Annual Conference in October in St. Louis.

April 15 is the deadline to participate at the 2020 Code Council Leadership Week in Atlantic City

The deadline for applications and payments to be received is April 15 for those participating in the [2020 Code Council Leadership Week and Building Safety Conference of New Jersey](#) in Atlantic City. The [ICC Membership Council Governing Committees](#) (except for the Fire Service and Global Membership

Councils) and the [Major Jurisdiction Committee](#) will be among those gathering in late April in Atlantic City, New Jersey, at Bally's Hotel and Casino. The [conference schedule](#) runs from Monday, April 28, to Friday, May 1, with the Membership Council meetings set for Thursday, April 30, from 8 to 11:45 a.m. and 2-4 p.m. Interested attendees and industry professionals can [click here](#) to register.

Code Council is among sponsors of National Community Development Week April 13-17

The Code Council is among the sponsors of the National Community Development Week to be commemorated April 13-17 across the nation. The effort calls attention to the importance of the federal Community Development Block Grant (CDBG) program, which provides funding to assist communities in building rehabilitation as well as updating building codes and providing books, materials and training, and enforcement staffing. Updated codes and training are essential to making communities more resilient and protected from natural and human-caused disasters. Click here for a downloaded copy of the NCDW toolkit to plan your community's events.

Senate and House members submit bipartisan bill to promote stronger private, public infrastructure

U.S. Senators Tammy Baldwin (D-WI), Marco Rubio (R-FL) and Tina Smith (D-MN) and U.S. Representatives Matt Cartwright (D-PA), Lizzie Fletcher (D-TX), Don Bacon (R-NE), and Matt Gaetz (R-FL) recently introduced the bipartisan *Built to Last Act* to help local communities and private firms build stronger infrastructure to withstand severe weather events. "In recent years, communities in Wisconsin have been hit particularly hard by severe weather events and flooding that has washed out roads, closed local businesses and damaged highways and bridges," Baldwin said. "This reform will not only ensure we are better protecting our infrastructure, but it will also save taxpayer dollars." Noting Florida's experience in recent years, Senator Rubio said, "Florida's public and private building standards are already among the most stringent in the nation, including the requirement to withstand major hurricanes. *The Built to Last Act* would bolster our preparedness by improving the Federal Government's capacity to share projections of weather-related risks to our communities and provide guidance for building codes, ensuring that the infrastructure we build in the future is more resilient to weather impacts." [For more, click here.](#)

Organizational changes outlined as the ICC Fire Code Action Committee kicks off its 2020-2023 cycle

The Code Council is ready to kick off the 2020-2023 cycle of Fire Code Action Committee (FCAC) with an organizational consolidation in the process. "All FCAC Regional Work Groups (RWGs) are adjourned and we encourage former RWG members and all other interested parties to shift their energy and contributions to the FCAC Task Group process," Chief Michael O'Brian, Chair – FCAC, said. "The goal of FCAC Task Groups is to solicit input from members across a variety of backgrounds to aid in the development of code change proposals that address a focused concern while keeping input fluid." Individuals interested in serving on FCAC Task Groups are encouraged to reach out to Task Group points of contact or chairs directly to engage in the process. For more information, email Karl Fippinger, kfippinger@ICCSafe.ORG.

2020 Building Safety Month's weekly themes illustrate the reach and importance of the building codes

While the primary theme of the 40th annual Building Safety Month, "Safer Buildings, Safer Communities, Safer World," illustrates the broad appeal of the occasion, it's the weekly themes that break down the wide variety of safety, economic and societal benefits communities enjoy by keeping their building codes updated with the latest model codes. The [weekly themes](#) are:

- [Week One](#), May 1-10: **Disaster Preparedness**
- [Week Two](#), May 11-17: **Water Safety**
- [Week Three](#), May 18-24: **Resiliency. Sustainability. Innovation.**
- [Week Four](#), May 25-31: **Training the Next Generation**

Code Council assists more states as Louisiana gets HUD approval for \$1.2 billion flood mitigation plan

Other states are watching as the U.S. Department of Housing and Urban Development (HUD) approves Louisiana's action plan for spending \$1.2 billion in Community Development Block Grant Mitigation funds, allowing the state to move forward with a plan aiming to reduce flood risk for Baton Rouge and other cities. The plan outlines the state's approach to funding mitigation projects, data collection,

watershed modeling and policy measures that align with the long-term resilience objective of the Louisiana Watershed Initiative. Consistent with support the Code Council provided in comments to the then Draft Action Plan, the approved plan provides (1) \$24 million for watershed planning that can be used to support the adoption and implementation of modernized codes and (2) more than \$570 million for local and regional watershed programs, which can support code enforcement activities, training, and certification in building methods. The state expects the funding to become available in spring 2020 and is prepared to begin using these funds as soon as they are available to make significant investments in low-risk, high-impact projects to reduce flood risk throughout the state. Currently, California, Georgia and Missouri have open comment periods and ICC members are encouraged to participate in public comments and hearings on state CDBG-MIT plans. This is significant funding that can be used for code adoption and updating and for staffing and training if states choose to prioritize those activities for funding. The Code Council will work closely with state chapters and partners to leverage these resources for needed adoption, enforcement, certification, and training activities in the state. [Read more.](#)

Alliance for National & Community Resilience updates website to ease access to resiliency resources

The Alliance for National & Community Resilience (ANCR) [updated its website](#) to make it easier to access resiliency resources and learn about ANCR and its mission. Highlights of the new website include access to the Buildings and Housing Benchmarks; updates on ANCR activities; access to reports, studies and guidance from ANCR and partner organizations; and information on how to support ANCR and the Community Resilience Benchmarks System through financial contributions, technical support or as an ANCR Pilot Community.

Code Council names Joan O'Neil as the ICC Chief Knowledge Officer to enhance digital transformation

Joan O'Neil was recently named the Code Council's new Chief Knowledge Officer, a role which will help the Code Council enhance its digital transformation by creating an enterprise-wide digital strategy for products and services. O'Neil brings extensive experience in leading professional learning and Educational Technology (EdTech) Solution businesses. Previously, she served as Vice President of Skillsoft Corporation, an eLearning provider that delivers professional development to organizations. Prior to that, she was an Executive Vice President for Wiley, where she developed strategies to lead the organization's digital learning and publishing enterprise. As an objective set by the Code Council's [Vision 2025 Strategic Plan](#), the association is focused on increasing value for its members and the building safety community by providing leading solutions that members and customers may access from any digital device. In her role as Chief Knowledge Officer, O'Neil will be responsible for strategy, planning, and development of the association's knowledge infrastructure and products that meet the needs of Code Council members and customers. [Read more here.](#)

The 2021 International Plumbing Code and International Mechanical Code make an early debut

The Code Council recently announced the release of its 2021 International Plumbing Code (IPC) and International Mechanical Code (IMC). Building codes play a significant role in maintaining safe and healthy communities – permitting more resilient, sustainable and livable structures for generations to come. The IPC and IMC are revised on a three-year cycle through the Code Council's highly respected consensus code development process that draws upon the expertise of hundreds of plumbing, mechanical, building and safety experts from across North America. With updates every three years, building codes allow for ongoing consideration of new technologies and scientific understandings. "It's critical for our codes to adapt to new building practices, technologies and societal needs. Our 2021 IPC and IMC take these needs into consideration and aim to promote safety above all else," said Code Council Chief Executive Officer Dominic Sims, CBO. "Construction is ever-evolving, and how we prepare trades professionals matters more now than ever." [Click here for more information.](#) "The Economic Impact of the International Plumbing Code," [a study by Hatch and Henderson Engineers](#) that provides a comparative analysis of model plumbing codes, is available by [clicking here](#).

Code Council's Technical Training Program continues to thrive, bringing code basics to students

The Code Council's High School Technical Training Program (HSTTP) started in 2008 to introduce high school students to building codes and the field of building safety. Since its inception, the program has been implemented in more than 20 states, with over 60 participating schools providing certificates to

more than 1,500 students. Over the past year, the Code Council updated the HSTTP website, adding new resources and electronic forms to improve the experience for students and instructors. The Code Council has also showcased participating high school groups at its Annual Conference for the last two years. The Technical Training Program continues to expand throughout the country among high schools, colleges, adult programs and military support organizations. [For more, click here.](#)

Got Pulse? NTA leader explains NTA's offerings in the ICC family of solutions in Episode #25

In this episode, ICC-ES President [Shahin Moinian](#) and NTA President and CEO [David Tompos](#) share excitement for the expanded offerings that have come with the acquisition of NTA. [Click here to listen.](#)

Upcoming from the [ICC Learning Center](#): Institutes, training, seminars, 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:

- **March 23 - [Fire Safety \(New Mass Timber\)](#).**
- **April 7 - [2018 IFC and IBC Hazardous Materials](#).**
- **April 8 - [Fire and Connection Design and Special Inspection \(New Mass Timber\)](#).**
- **April 8 - [2015 IRC Performing Residential Plumbing Inspections](#).**
- **April 15 - [2018 IPC Essentials](#).**
- **April 16 - [Basic Code Enforcement](#).**
- **May 26 - [Mass Timber Building and the IBC®](#).**
- **June 4 - [2018 IECC® Essentials](#).**
- **June 9 - [Advanced Legal Aspects of Code Administration](#).**
- **June 11 - [Accessibility & Usability: Commercial and Residential](#).**
- **July 9 - [2018 IRC Essentials](#).**
- **July 21 - [Inspector Skills](#).**
- **July 22 - [Basic Code Enforcement](#).**
- **July 23 - [2018 IBC Means of Egress](#).**
- **August 13 - [Essential Skills for Rising Leaders](#).**
- **August 18 - [Effective Communication](#).**
- **August 25 - [Mass Timber Building and the IBC®](#).**
- **September 1-2 - [Permit Tech Institute](#).**
- **September 10 - [Formulating an Effective Code Enforcement Program](#).**
- **September 30 - [Millennials in Code Enforcement](#).**
- **November 18 - [Essential Skills for Rising Leaders](#).**

The following is the updated list of [ICC Institutes](#) and other training opportunities across the nation, many of which offer virtual options for those who cannot travel. Find course listings you'd like to attend in the [Learning Center](#) using the Search function:

- **March 9–13 at Las Vegas, [EduCode 2020](#).**
- **March 18-19 at Atlanta, Ga., and Virtual, [Permit Tech Institute](#).**
- **March 19-20 at Doral, Fla., [When Disaster Strikes Institute](#).**
- **March 24 at Country Club Hills, Ill., [Additional Training on Mass Timber Construction includes the Mass Timber Building and the IBC® Seminar](#).**
- **March 30-April 3, Austin, Texas, [2015 Residential Building Inspection Institute](#).**
- **March 31 at Country Club Hills, Ill., [Applying the Codes to Cannabis Facilities](#).**
- **April 14 at Brea, Calif., [Officer Safety Procedures: Compliance, Inspections, Drug Awareness, & Mental Illness](#).**
- **April 15-16 at Pea Ridge, Ariz., [When Disaster Strikes Institute](#).**
- **April 20-24 at Atlanta, Ga., [2018 Plan Review Institute](#).**
- **April 21-22 at San Antonio, Texas, [When Disaster Strikes Institute](#).**
- **April 22-23 at Las Vegas, Nev., [2015 Commercial Building Inspection Institute](#).**

- **June 3** at Country Club Hills, Ill., [Essential Skills for Rising Leaders](#).
- **June 24** at Oakland, Calif., Virtual, [2019 CRC Essentials](#).
- **June 25** at Oakland, Calif., Virtual [2019 CBC Essentials](#).
- **August 13** at Brea, Calif., Virtual, [2019 CRC Essentials](#).
- **August 14** at Brea, Calif., Virtual, [2019 CBC Essentials](#).
- **August 19** at Oakland, Calif., [Complaint Management from Start to Finish](#).
- Available daily online, [2015 Permit Technician 14 Study Guide](#).
- Available daily online, [IRC® Online Study Guide for Residential Building Inspectors B1](#).

Lower costs of installation. Read the full report at www.iccsafe.org/IPC.



Economic Impact of the IPC

The International Code Council commissioned a comprehensive independent analysis of the costs and savings associated with building under the International Plumbing Code (IPC).*



168m Approximately 168 million people live in a state that has adopted the IPC

Counties that applied the IPC:



Saved \$38 billion in construction costs



Emitted **1 million fewer** tons of CO₂



Realized **166,000 more** jobs



Saved 880 million feet of pipe

The IPC improves housing affordability

On average, a single-family home could save up to \$4,000 in labor, materials and overhead built under the IPC compared to other plumbing codes.

Average Savings by Building Typology

	Material Cost Savings	Labor Cost Savings	Overhead Cost Savings	Total Cost Savings
APARTMENT BUILDING	\$207K	\$44K	\$47K	\$298K
ELEMENTARY SCHOOL	\$12K	\$11K	\$4K	\$27K
GROCERY STORE	\$40K	\$25K	\$13K	\$78K
HOTEL	\$13K	\$6K	\$4K	\$23K
OFFICE BUILDING	\$12K	\$4K	\$3K	\$19K
SINGLE FAMILY HOME	\$0.7K	\$2K	\$0.6K	\$3K

Totals may not sum due to rounding

It's your money



In 2M+ homes constructed in states without the IPC, over \$1 billion in additional labor, materials and overhead costs were passed on to renters and homeowners.

To learn more about the code's impact on construction, the economy and the environment, read the full report at www.iccsafe.org/IPC.

*Study conducted by Hatch and Henderson Engineers covering 2007-2018



REACO ICC Monthly Meeting

March 3, 2020

Efficiency Division Updates

- Business Meeting on February 20:
 - Approved Sacramento Municipal Utility District's (SMUD) Neighborhood SolarShares Program for community solar under the 2019 Energy Code.
 - Approved local ordinances exceeding the 2019 Energy Code for Santa Rosa, Berkeley, Mountain View, Windsor, Milpitas, Healdsburg, Palo Alto, Los Gatos, and Brisbane.
 - Approval of the use of AHAM's Kitchen Range Hood directory as an alternative to the Home Ventilating Institute (HVI) directory an alternative procedure for demonstrating compliance with the 2019 Energy Code.
 - Approval of Right-Energy Title 24 2019.1.1 from Wrightsoft for demonstrating performance compliance with the 2019 low-rise residential, single family provisions of the 2019 Energy Code.
- Next Business meeting is March 11. **Business Meetings Agendas and Minutes:** <https://www.energy.ca.gov/proceedings/business-meetings>
- Updated 2019 Cool Roof brochures now available for residential and nonresidential buildings on the new **Envelope web page**. <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/online-resource-center/envelope>

Energy Standards Training and Events

- **Energy Commission training** upcoming dates and locations: www.energy.ca.gov/title24/orc/schedule_oe/index.php
 - 3/12: 3C-REN Regional Forum, Santa Barbara – Exhibit
 - 3/19-3-21: CABEC Conference, Temecula – 2019 CBECC and exhibit
 - 3/26: City of Santa Cruz, Santa Cruz - 2019 Energy Code QII Requirements
 - 3/27: City of Watsonville, Watsonville – 2019 Nonresidential Changes
- **Energy Code Ace training:** www.energycodeace.com/training
- **PG&E training:** www.pge.com/pec
- **BayREN training:** www.bayrencodes.org/services/trainings/

Energy Code Resources

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

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

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

2022 Energy Code Pre-Rulemaking Utility Sponsored Stakeholder Meetings

- Visit the [California Energy Codes & Standards \(CASE\) website](https://title24stakeholders.com/) to review 2022 initiatives and participate in the development process stakeholder meetings:
<https://title24stakeholders.com/>

Meeting Topic	Meeting Date	Meeting Time
Lighting <i>Adjust DR Control Requirements for Lighting Systems in Response to Shift to Solid State Lighting (Grid Integration) submeasure added, Multi-zone Occupancy Sensing in Open Plan Offices removed</i>	Tuesday, March 3, 2020	8:30 AM -12:00 PM
Single Family Whole Building <i>FDD and AWHPs measures removed</i>	Thursday, March 5, 2020	8:30 AM - 10:30 AM
Nonresidential Envelope Part 1: High Performance Envelope	Tuesday, March 10, 2020	8:30 AM - 11:30 AM
Nonresidential and Single Family HVAC Part 1: Data Centers, Boilers, Air Distribution, Variable Capacity <i>SF Variable Capacity measure added, Air Distribution submeasure removed</i>	Thursday, March 12, 2020	8:30 AM – 12:30 PM
Water Heating <i>MF All Electric measure added</i>	Tuesday, March 17, 2020	8:30 AM -12:00 PM
Grid Integration <i>MF All Electric measure and NR Grid Integration submeasure moved</i>	Thursday, March 19, 2020	8:30 AM - 11:30 AM
Multifamily HVAC & Envelope	Thursday, March 26, 2020	8:30 AM - 12:30 PM
Covered Processes Part 1: Refrigeration System Opportunities <i>Steam Trap Monitoring and Compressed Air measures removed</i>	Thursday, April 2, 2020	8:30 AM - 11:00 AM
Nonresidential HVAC and Envelope Part 2: Reduced Infiltration, HVAC Controls (DOAS, Air Efficiency)	Thursday, April 14, 2020	8:30 AM - 11:00 AM
Covered Processes Part 2: Controlled Environmental Horticulture	Thursday, April 16, 2020	8:30 AM - 11:30 AM
Multifamily Restructuring	TBD	TBD

California Energy Commission 2022 Code Development Schedule

Estimated Date	Activity or Milestone
July 2019 - April 2020	Utility-Sponsored Stakeholder Workshops
April, 2020	All Initial CASE/PUBLIC Reports Submitted to Commission
April - August 2020	Commission-Sponsored Workshops
July, 2020	All Final CASE/PUBLIC Reports Submitted to the Commission
July - September 2020	Express Terms Developed
January, 2021	45-Day Language posted and set to list serve, Start of 45-Day review/comment period
January, 2021	Lead Commissioner Hearing
April, 2021	Adoption of 2022 Standards at Business Meeting
May - November 2021	Staff work on Software, Compliance Manuals, Electronic Documents
May - November 2021	Final Statement of Reasons Drafted and Approved
October, 2021	Adoption CALGreen (energy provisions) - Business Meeting
December, 2021	CBSC Approval Hearing
January, 2022	Software, Compliance Manuals, Electronic Documents Available to Industry
January - December 2022	Standards Training (provided by 3rd parties)
June 1, 2022	6 Month Statutory Wait Period Deadline
January 1, 2023	Effective Date



Chapter Report Winter 2020

Upcoming CALBO Events:

- CALBO's 58th Annual Business Meeting (Indian Wells) – April 5-9, 2020
- CALBO's Leadership & Advocacy Day (Sacramento) - April 29, 2020
- CALBO Education Week North (San Ramon) – September 21-24, 2020
- CALBO's 59th Annual Business Meeting (Sacramento) – March 7-11, 2021

Upcoming Industry Events:

- California Fire Prevention Institute (Buellton) – March 9-13, 2020
- League of California Cities Annual Conference (Long Beach) – October 7-9, 2020
- ICC Annual Business Meeting (St. Louis, MO) – October 11-14, 2020
- IAPMO Annual Conference (Charlotte, NC) – September 13-17, 2020

CALBO GOVERNANCE

- Based on member feedback received at the ABM, the CALBO Board has rolled out a series of 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
- CALBO's 58th Annual Business Meeting will take place April 5-9, 2020 in Indian Wells (Palm Springs area). Program and registration materials are currently available at <https://www.calbo.org/annual-business-meeting>.

- The 2020 ABM program has been developed in conjunction with membership feedback and is available for viewing on the CALBO ABM page. Three full education courses are also available for individual registration on Thursday, April 9.
- In addition to the formal program, a social golf tournament will be held on April 5. CALBO will also host a lively President's Dinner on Wednesday, April 8 with a "music festival" theme.
- 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.
- CTI is planning this year's Education Weeks in preparation for the continued adoption of the 2019 codes. Three Education Weeks will be held in 2020: San Ramon (September 21-24, 2020), Ontario (October 19-22, 2020) and Newport Beach (December 14-17, 2020). Registration will be available in the Spring 2020.



FREE BayREN 2019 Residential Energy Code Training in Santa Rosa

Date: Friday, March 27, 2020

Time: 10:00 AM – 2:00 PM

Location: North Coast Builders Exchange, 1030 Apollo Way, Santa Rosa

Lunch will be provided to class attendees.

For more information and to register: <https://forms.gle/7hhB7BUhMY2gT4uF7>

Or RSVP by contacting our office directly at: GSEnergy@sonoma-county.org or 707-565-6470.

Course Topics:

This training session will include the following modules with time for Q&A. The target audience for these sessions is building department staff, but the information is also very valuable for contractors and building industry professionals.

2019 Energy Code Changes - Residential

- **Description:** This course will provide an overview of the 2019 residential energy code changes.
- **Topics Covered:** Changes to the residential portions of the 2019 Energy Code.

Residential New Construction

- **Description:** This course provides a basic review of the residential new construction energy code.
- **Topics Covered:** Comprehensive residential energy code compliance processes, compliance forms, prescriptive and performance approaches, and HERS features, with a focus on new construction, larger additions.

Residential Alterations Compliance

- **Description:** This course will explain how to process residential alterations projects, which are mostly over-the-counter permits such as HVAC change-outs, window replacements and water heater replacements.
- **Topics Covered:** CalCERTS HERS registry, what projects are required to be in the registry, how to track CF1R, CF2R and CF3R forms electronically so hard copies do not need to be printed.

Instructor: Amy Dryden is Director of Policy and Technical Innovation at Franklin Energy where she leads technical standards and program design, codes and standards initiatives, and policy advocacy to support greenhouse gas reductions, climate mitigation and healthier and sustainable homes for all people. Amy has over 20 years of experience in residential construction, consulting, standard development, community and participatory environmental planning. Amy has a Masters in Landscape Architecture/ Environmental Planning and City and Regional Planning and holds several building industry certifications.

Please contact us with questions.

Thank you.

Sincerely,

Christine Condon, CEA, LEED AP, HERS | Energy & Sustainability Analyst

General Services Department | County of Sonoma

Energy and Sustainability Division

2300 County Center Drive, Suite A105, Santa Rosa, CA 95403

Office Number: 707.565.2125 | [Energy and Sustainability Web Site](#)

The Energy and Sustainability Division promotes and delivers solutions necessary to mitigate environmental impacts and prepare for climate change



CSI SEMINAR AND DINNER MEETING

Join us for our upcoming seminar

Click Here to Register

Thursday, March 5, 2020 | 3:00-5:00PM

Charlie's Grill at the Windsor Golf Club
1320 19th Hole Drive, Windsor, California 95492

Online Registration

RECSI Members: \$10

Non Chapter Members: \$50

Pay at the Door

RECSI Members: \$15

Non Chapter Members: \$60

Join us at our March Dinner Program

New building codes went into effect on January 1, 2020. What has changed and what do you need to know? Please join us for a panel discussion to learn more about significant changes made to the code and the impact on your practice.

thoughts. We're hoping for a vibrant conversation!

Speakers:

- Steve Winkel, FAIA, PE, CASp
- Jesse Oswald, Santa Rosa Chief Building Official
- a MYSTERY GUEST

Thursday, March 5th, 2020

Charlie's Grill at the Windsor Golf Club
1320 19th Hole Drive, Windsor, California 95492

5:30-6:30 Networking
6:30 Announcements/Introductions
6:45 Dinner Service
7:00-7:15 Tech Talk
7:15-8:15 Program
8:15-8:30 Q&A

PLEASE NOTE PRICE CHANGES:

Early Bird Pricing:

RECSI Members: \$35

Non Chapter Members: \$45

After 12 noon on 3/3/2020: \$40 members, \$50 nonmembers

Click Here to Register

If paying via cash or check at the door, please contact
admin@recsi.org to reserve your seat.



2020

CONSTRUCTION TECHNOLOGY EXPO

THE NORTH BAY'S CONSTRUCTION EVENT OF THE YEAR

VETERANS MEMORIAL AUDITORIUM

1351 MAPLE AVE. SANTA ROSA, CA

THURSDAY, MARCH 26TH

- **PRODUCT SHOW: 4PM - 8PM**
- **EDUCATIONAL SEMINAR: TBD**

**JOIN US FOR AN AFTERNOON OF MULTIFACETED NETWORKING,
EDUCATIONAL OPPORTUNITIES, AND DESIGN SHOWCASES.**

- **HOSTED FOOD AND DRINK**
- **FREE PARKING AND ADMISSION**
- **DOOR PRIZES**

VENDOR BOOTHS AND SPONSORSHIP OPPORTUNITIES AVAILABLE

MEMORANDUM

DATE: February 22, 2020

TO: Jay Bradford, REACO Chapter President

FROM: Doug Williams, Assigned to Annual Audit

SUBJECT: Preliminary Findings, REACO Audit for 2019

Background

A very basic audit of the Redwood Empire Association of Code Officials (REACO) has been conducted to honor the annual requirement of reporting the financial findings to the general membership. The records maintained by Treasurer Steve Buffenbarger of the REACO have been reviewed along with the preliminary findings submitted by Michael Enright for the 2018 REACO audit. In addition, the bank statements from Bank of America for each month of REACO's operation have been reviewed. The balance for the REACO account on January 1, 2019, was shown to be \$27,653.33. The closing balance on December 31, 2019, was shown to be \$27,863.65, for a nominal net gain of \$210.32.

Items of Interest

1. In a letter dated November 8, 2019, the chapter was notified by the State Attorney General of a delinquency in filing pertaining to the Registry of Charitable Trusts.
2. A random review of chapter minutes from 2019 indicates consistent reporting of chapter finances.
3. A review of all bank statements for 2019 indicates that expenses were within an expected range with the common expenses being chapter lunches (offset by charges for lunch), training expenses (generally offset by class fees), chapter-approved donations, and board expenses based on a chapter-approved policy. Some of the other more significant fees are for accounting services and website maintenance that are covered by the chapter's budget-approval process.
4. Detailed classification of chapter income remains a bit challenging due to the collection of many payments electronically.

Recommendations

- A. Utilize the website to maintain a checklist for conducting chapter business in a simple and concise fashion.
 - a. Describe required annual reporting and due dates for federal and state agencies.
 - b. Summarize expenditure authority.
 - c. Summarize required (or desired) notifications to membership.
 - i. Dues
 - ii. Election of officers
 - iii. Approval of budget
 - d. Payment schedule for maintaining mailing address.
 - e. Any other information that would be appropriate.
- B. Continue monthly reporting of financial information.