



September 4, 2018 Meeting Minutes

Redwood Empire Association of Code Officials

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

The September 4th meeting was held at Cattlemen's Restaurant Petaluma

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

The meeting was called to order at 12:03 by Tony Piazza, which was followed by the pledge of allegiance.

2. SELF INTRODUCTIONS (Officers, Guests, Members)

There were 21 members and guests in attendance.

3. APPROVAL OF MINUTES -

A modification to the minutes was proposed by Mike Enright regarding a correction to the correspondence and announcements. Mike asked that the record reflect that an announcement was made that Santa Rosa has one job opening and one new hire. A motion was made to approve the minutes with the modification, that motion was seconded and the minutes of the August meeting were approved with the modification.

4. OFFICERS REPORTS

President: Tony Piazza – No report

Vice President: Charles Lucas – Talked about attending the 2018 Chapter Leadership Academy in Denver, CO on June 4th-6th. The academy covered topic on preserving the past, efficient effective meetings, safety 2.0, event planning, mentoring, and creating professional development strategies for member. Presentations of the topics discussed can be found on the [ICC 2018 Chapter Leadership Academy website](#).

Treasurer: Steve Buffenbarger- August Checking Balance: \$26,101.57 Steve also mentioned starting to work on the budget for next year.

Secretary: Jay Bradford - No report

Past President: Glenn Schainblatt – No report

5. LIAISON REPORTS

AIARE: Tony Piazza: Tony highlighted the upcoming Leadership Academy and 2018 Design Awards.

CSI: Charles Young: Charles introduced and announced Christian Holbrook as the new rep for CSI.
Christian Holbrook: Christian announced the September 6th CSI meeting at Charlie's Grill at the Windsor Golf Club. Topic ASHRAE Indoor Air Quality.

SCFPO: No Report

ICC Rep: Tony Piazza: Tony highlighted the ICC announcements. A copy of the September announcements are attached.

CBOAC: Annual Conference & Business Meeting / Pismo Beach / April 28-May2, 2019

CALBO: Tony Piazza: Tony highlighted [AB 2681](#) Seismic safety: potentially vulnerable buildings. CALBO opposes the bill.

CEC Rep: Amie Brousseau: Amie summarized CEC announcements which were provide with the agenda and are attached.

IAEI: Doug Hughes: Doug Hughes highlighted the 2018 Southwestern Section Meeting in Sparks, NV. He also mentioned IAEI was looking to create smaller chapters within the region.

6. COMMITTEE REPORTS

Education Committee:

Carolyn Glanton: Carolyn gave an overview of energy code trainings which are attached. Both From BayREN and PG&E.

Eric Seabrook: Eric gave an overview of upcoming class covering means of egress and SAP evaluators.
David Cooper: David with ZFA Structural Engineers will be holding a SAP Evaluator Training September 15th.

Web-Site Committee:

Tony Piazza: Tony asked members to keep providing feedback for known issues.

Nominating Committee:

Tony Piazza: Tony will ask Doug Hughes, Eric Seabrook, and Glenn Schainblatt to help find candidates for the executive board.

7. PROGRAM

Understanding the Home Energy Rating System (HERS) in the Energy Code was presented by Christine Condon

Christine Condon is an Energy and Sustainability Analyst for the County of Sonoma. Christine provides energy and green building technical support for the Energy and Sustainability Division programs. Prior to joining the County, Christine worked for a private consulting firm in Santa Rosa as a green building and energy consultant on both residential and nonresidential projects. Christine has almost 20 years of experience with building performance, measurement & verification and with the California energy and green building codes. She is currently a 2016 Certified Energy Analyst, 2016 HERS rater and LEED AP, with a Building Design and Construction specialty.

- HERS Field Verification and Diagnostic Testing
- HERS mandatory, prescriptive requirements and compliance credits under the 2016 Title 24 energy code
- HERS providers and registries
- County of Sonoma Energy and Sustainability Tool Lending Library with HERS equipment calibrated to meet the CEC requirements available for free to qualified borrowers

8. CORRESPONDENCE AND ANNOUNCEMENTS

Steve Buffenbarger: Steve announced an upcoming job opening for permit technician in Healdsburg.

9. NEW BUSINESS

No topics discussed.

10. OLD BUSINESS

No topics discussed.

11. LEGISLATIVE NEWS

No topics discussed.

12. Open Forum

Christian Holbrook: Christian asked the group about load reductions for decks vs increasing structural members.

13. ADJOURNMENT

The meeting was adjourned at approximately 1:53 pm by Tony Piazza.

Next meeting will be October 2, 2018, at the Cattleman's Restaurant in Petaluma.

ICC Calendar of Upcoming Dates:

- Sept 6 [Webinar: Fundamentals of Retaining Wall Structural Design](#)
- Sept 10 [Application Deadline for ICC Ad Hoc Committee on Building Safety and Security](#)
- Sept 10-11 [When Disaster Strikes Institute](#) in Brea, CA
- Sept 14 [Deadline for Applying to be on an Exam Committee](#)
- Sept 15 [Deadline for Early Bird Registration for 2018 ICC Annual Conference](#)
- Sept 24 [Deadline to Validate Governmental Member Voting Representatives \(GVMR\)](#)
- Sept 24-25 [Permit Technician Institute](#) in Brea, CA
- Sept 25 [Region I Chapter Membership Meeting Conference Call](#)
- Sept 28-29 [Seismic Design of Buildings](#) in Brea, CA
- Oct 21-31 [2018 ICC Annual Conference, Code Hearings & Expo](#), Richmond, Virginia
- Oct 30 [2016 CBC Essentials](#) in Brea, CA
- Oct 31 [2016 CRC Essentials](#) in Brea, CA
- Nov 5-8 [Residential Building Inspector Certification Test Academy](#) in Brea, CA
- Dec 11-14 [Commercial Building Inspector Certification Test Academy](#) in Brea, CA
- Jan 7 [Deadline for Group B Code Changes](#)

Notes:

- [2018 Group A Public Comments](#)
- [ICC's 2018 Annual Business Meeting Notice](#)
- [Listen to ICC's Latest Podcast Episode 7: Plumbing Cross-Connection Control Programs](#)
- [Register Your CA Codes Here for Supplement and Errata Pages](#)
- [ICC Board of Director Candidates](#)

Efficiency Division Updates

REACO Monthly Meeting
September 4, 2018

CALIFORNIA ENERGY COMMISSION



Efficiency Division Updates and Resources

- The last business meeting was held on August 28, nothing to report.
- Next business meeting is September 21. Business Meetings Agendas and Minutes: www.energy.ca.gov/business_meetings
- 2019 Building Energy Efficiency Standards Rulemaking workshops, notices, agendas, comments and transcripts: <http://energy.ca.gov/title24/2019standards/rulemaking/>
- EnergyPro Version 7.2.4 and Wrightsoft Right-Energy Title 24 Version 3.1 approved: https://www.energy.ca.gov/title24/2016standards/2016_computer_prog_list.html
- Lead Commissioner Workshop on the Promotion of Regulatory Compliance in the Installation of Central Air Conditioning and Heat Pump Systems was held on August 3, 2018 in Irwindale, CA. Documents can be viewed here: <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=17-EBP-01>
Written comments should be submitted by October 19, 2018 here: <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=17-EBP-01>

Energy Standards Training and Events

- Energy Commission upcoming training dates and locations: www.energy.ca.gov/title24/orc/schedule_oe/index.php
 - 9/10-9/13 CALBO Education Week, San Ramon, CA – Booth, Nonresidential Electrical and Residential Envelope
 - 9/19 Orange Empire ICC, Orange, CA - Energy Standards for Permit/Counter Technicians
 - 9/25-9/26 San Joaquin Valley ICC, Tulare, CA - Residential Envelope, Lighting Changes and Alterations; Nonresidential Envelope and Lighting
- Energy Code Ace training: www.energycodeace.com/training
- PG&E training: www.pge.com/pec

Energy Standards Resources

- Online Resource Center: www.energy.ca.gov/title24/orc
- Energy Standards Hotline: 800-772-3300 or Title24@energy.ca.gov

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

- Building Standards: www.energy.ca.gov/title24/orc/
- Blueprint Newsletter: www.energy.ca.gov/efficiency/blueprint/



Free Sonoma County Energy Code Trainings

RSVP: www.bit.ly/EnergyCodeClass

CREDITS: Each course is approved for 0.1 ICC CEUs

Refreshments will be provided

Residential Alterations Compliance

August 23, 2018, 8:30am-10:00am, Lucchesi Community Center, Petaluma

October 17, 2018, 1:00pm-2:30pm, Town Council Chambers, Windsor

Description: This introductory-level course will explain how to process residential alterations projects, which are mostly over-the counter permits such as HVAC changeouts, window replacements and water heater replacements. 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.

Residential Envelope Compliance

August 23, 2018, 10:00am-11:30am, Lucchesi Community Center, Petaluma

October 17, 2018, 2:30pm-4:00pm, Town Council Chambers, Windsor

Description: This intermediate-level course will investigate residential envelope compliance issues. Topics Covered: Residential envelope components (windows, ceilings, walls, floors, etc.), forms, HERS features, plan check and field inspection issues specific to residential envelope

Nonresidential Fenestration Compliance

October 24, 1:00pm-2:15pm, Town Council Chambers, Windsor

Description: This intermediate-level course will explore nonresidential envelope compliance issues, specifically verifying fenestration performance values. Topics Covered: Nonresidential window types (manufactured, site built, field fabricated, etc.), plan check and field inspection issues specific to nonresidential fenestration.

Nonresidential Mechanical Compliance

October 24, 2:15pm-3:30pm, Town Council Chambers, Windsor

Description: This intermediate-level course will explore nonresidential mechanical system compliance issues. Topics Covered: The short course focuses on mechanical ventilation. The long course also covers other mechanical systems, compliance forms, controls and acceptance testing.

Nonresidential Lighting Compliance

October 24, 3:30pm-4:45pm, Town Council Chambers, Windsor

Description: This intermediate-level course will explore lighting compliance and their implications for plan review and field inspection. Topics Covered: The short course focuses on indoor lighting forms, process, and acceptance tests. The long course also covers lighting power density, controls, and daylight spaces, in addition to topics covered in short course.



SPEAKER:

Russ King has developed innovative systems & methods to improve building efficiency through better codes, code training & HVAC design & optimization. Russ is the lead trainer and curriculum developer for the BayREN Codes & Standards training program.

Questions? Carolyn.Glanton@rcpa.ca.gov or 707-565-5373



Training for High Performance Residential Design & Construction

In Santa Rosa, CA at the North Coast Builders Exchange

The classes in this series are free and take place at North Coast Builders Exchange, 1030 Apollo Way, Santa Rosa, CA 95407.

Integrated Design and Construction: Rebuilding for Comfort, Efficiency, and Affordability.

This five-part series provides a wholistic approach to high performance residential building. It is appropriate for homeowners and builders. While each session stands on its own, we encourage you to attend all or as many as possible. These trainings are organized by PG&E and offered in collaboration with County of Sonoma Energy and Sustainability Division and Sonoma Clean Power. Lunch will be provided for class participants. All sessions qualify for continuing education through AIA, BPI, and ICC. Register via the links below or go to www.pge.com/energyclasses.

Oct 12, 2018
12 pm to 4 pm

Design Thinking for Zero Net Energy

Ann Edminster will discuss how good design decisions and careful architectural and construction detailing can create attractive, comfortable, durable buildings that require much less energy for mechanical heating and cooling. Participants will learn key considerations that enable designers to make choices rather than pay a premium to achieve excellent comfort and energy performance.

Register: <http://usi.pge.com/event-details?EventID=19580>

Oct 19, 2018
12 pm to 4 pm

Water, Energy and Time Efficient Hot Water Systems for New Homes

Water heating has changed considerably in the past twenty years with increased adoption of on-demand and heat pump technologies. Distribution systems have been rethought. Gary Klein will provide guidance on how to design, specify, and build hot water systems based on up-to-date thinking and information.

Register: <http://usi.pge.com/event-details?EventID=19588>

Oct 26, 2018
12 pm to 4 pm

Advanced Wood Framing, Plus Walls from Straw Bale, Hempcrete and Earth

Civil Engineer Bruce King will discuss how advanced wood framing can improve energy performance while carrying structural building loads with less material. In part two, he will describe other enclosure methods such as straw bale, hempcrete and earthen walls, which have all been employed on numerous buildings in California.

Register: <http://usi.pge.com/event-details?EventID=19579>

Nov 2, 2018
12 pm to 4 pm

High Performance Enclosures: Air Tight, Well-Insulated, Properly Ventilated

Mike MacFarland will describe how clear goals, a team approach on the job site, and planning, communication and coordination can help manage costs and result in a well-designed enclosure that provides comfort, good indoor air quality, reduced energy use for heating and cooling.

Register: <http://usi.pge.com/event-details?EventID=19589>

Nov 9, 2018
12 pm to 4 pm

Residential Heating, Ventilation, and Air Conditioning (HVAC): Small Heat Pumps and Small Furnaces – High Efficiency and More Affordable

Rick Chitwood will explain why setting an air tightness goal for the enclosure and confirming it has been achieved via blower door testing is essential and makes it possible to select small heat pumps and furnaces that cost less than a 'standard' furnace.

Register: <http://usi.pge.com/event-details?EventID=19605>

"PG&E" refers to Pacific Gas and Electric Company, a subsidiary of PG&E Corporation. ©2018 Pacific Gas and Electric Company. All rights reserved. This is part of a special series of class offerings to support high performance residential rebuilding in the North Bay. These trainings are funded by California utility customers and administered by PG&E under the auspices of the California Public Utilities Commission. CRS-0318-9813