



October 4th, 2022 Meeting Minutes

Redwood Empire Association of Code Officials
1007-B West College Avenue #326 Santa Rosa, CA 95401

October 4th Meeting was held virtually on Zoom & at Sally Tomatoes

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

The meeting was called to order at 12:06 pm. by David Willoughby, which was followed by the pledge of allegiance.

2. SELF INTRODUCTIONS - (Officers, Guests, and Members) list of online attendees was on the screen, in person attendees introduced themselves. 12 in person and 12 online.

3. APPROVAL OF MINUTES –

A motion to approve the September meeting minutes was made by Matt Keizer and seconded by Jay Bradford with the membership voting to approve the minutes as posted to the REACO website.

4. OFFICERS REPORTS

President: David Willoughby –

- Discussed the code update classes, about 30 people attended the electrical code update class, reminded everyone to sign up for the up coming classes and pass the information along to anyone interested. Dates of classes can be found on the REACO website.

Treasurer: Kris Kuntz – Not Present

- Dave Willoughby provided reading of bank statements with totals the totals were verified by Matt Kiser. There was clarification provided that the transaction for Square was for a new Bluetooth card reader as cell phones no longer have an axillary / headphone port.

Account transactions summary:

Account statements and summaries were provided for the meeting including deposits, debits and account summaries for detailed information members may contact kkuntz@Healdsburg.gov

Vice President: Matt Keizer –

- No report

Secretary: Rich Angley –

- No Report

Past President: Jay Bradford –

- No report.

LIAISON REPORTS

SCFPO: Lance MacDonald –

- Discussed the recent fire meeting / training, bulk of the meeting was on car stackers as they are becoming more common including problems for extinguishing fires within the car stacking areas

ICC: Susan Dowty / Ron Piester –

- Open position for California Building Standards Deputy Director
- The annual conference was well attended, new officers??
- Next year the annual conference will be in Saint Louis.
- Group B codes have been voted on and posted
- You have until October 24 to provide insights on ICC's code action committees
- If Susan can be of any help on ordinance adoption let her know.
- Pushing the adoption of the IPSC, would like more jurisdictions to adopt it, let he know if you

- need any assistance with the adoption.
- Commentary and ASTM standards are now included in digital codes subscription, errata will also automatically update.
- Committees are open for application for the 2027 I codes.
- Positions are open to get on the committee for certification exam development
- Webinar is October 20 on digitizing your department and upgrading office process automation he webinar “An Introduction to Laserfiche for Building Officials” starts at 1 p.m. ET/10 a.m. PT Thursday, October 20.

Additional details and link information are attached to the agenda.

CBOAC: Eric Seabrook

- Not Present

CALBO: Doug Hughes

- Mentioned Stuart Tom is now a Sonoma County resident

CEC: Alan Wong / Gagandeep Singh --

- Not present – Updates are attached to the agenda
- An open discussion was had about senate bill 379 and the use of solar permitting software, City of Ukiah and Mendocino County have applied for and received grants for Solarapp and are in the process of initiating its use. Currently Permit Sanoma is using the application.

IAEI: Doug Hughes / Mike Stone –

BayREN: Christine Condon –

- There will be an in-person training October 25 for energy code updates. It will be on single family, multi family and nonresidential energy code items. Register early as the class is expected to fill up
- There will be a second in person training on November 29th for energy code changes Register early as the class is expected to fill up
- The agenda has additional training dates and links attached

SMART: Doug Williams –

- More trains have been added in the middle of the day.
- Extensions are on hold pending funding / grants
- Freight is static with existing customers, they are currently looking to add new customers
- New engineers and conductors should allow for more special trains like the ones for the Giants games.
- If you are aware of a project up against a ROW or in the ROW please let Doug know as soon as possible so they can work on issues
- There was a question brought up if SMART train would be operating under N.W.P., Doug stated not at this time and smart only owns the tracks from Corte Madera to Sanoma.

RECSI: Carolyn Glanton –

- Not Present – Flyer is attached to the agenda

ICC Region 1: Richard Angleley –

- No Report

COMMITTEE REPORTS

Structural Hardening Committee: --

- Currently on hold will likely disband.

Code Adoption committee

- Disbanded

Education Committee: Eric Seabrook / Kevin Scheumann –

- No Report – See REACO website for upcoming training and sign up

Website committee

- Website has been updated to current staff and building officials.

Nominations committee

- Nomination committee was formed, it shall include Eric Seabrook, Jay Bradford, Doug Williams and Charles Lucas.
-

CODE ISSUES - Code issues were moved up in the agenda to allow more time for discussion, this was a topic in the officers meeting

- Charles Lucas brought up a state law requirement that Building Department will be required to keep a list of structures with deficiencies pertaining to elevated walks and balconies and if structurally inadequate then a permit must be pulled to fix the structure. David Willoughby stated he had received the same email and did not think the building department was going to be required to monitor this. Jay Bradford mentioned that in 2025 the building department will be required to keep a record of different types of buildings and there was a list of who could inspect them, not necessarily the building department, there were many options on the list. David Willoughby will get the law for the next meeting.

CORRESPONDENCE AND ANNOUNCEMENTS:

Dave Willoughby reported:

- Code Update Class: at Petaluma Community Center. See REACO website for additional classes and dates October 18th, November 8th, December 6th, January 31st
- 2023 Edu Code will be February 27th to March 3rd at the Orleans hotel and conference center
- Announcement Visit the AWPA Norcal website for upcoming in-person training

LEGISLATIVE NEWS:

PROGRAM

Chris Ragland

Discussed his experience and thoughts from attending the 2022 ICC Leadership Academy in Colorado and how we can incorporate some of those ideas to increase membership and participation in REACO. Thought the discussions among the group in Denver were very productive and great for networking.

Susan Dowty / Ron ICC

Demonstrated how to navigate ICC's website and talked about the benefits of local chapters and the many programs offered including Safety 2.0. She also pointed out we could get a free banner as a chapter benefit all we need to do is apply. Ron mentioned he works with the training department and asked that if we have any suggestions for training to reach out to him and he will

bring it up for future trainings. Chris Rangland mentioned a training on how to work with and communicate with planners would be valuable.

NEW BUSINESS:

- David Harrison mentioned he had joined ICC under City of Santa Rosa and wanted to know if there is another way to get the discount that was given to the governmental jurisdiction. It was determined there is not unless the jurisdiction joins you under its membership.
- It was also noted that you do not need to be a member of ICC to join REACO

OLD BUSINESS:

- Adoption Process – was hoping to something together for everyone this year on the code adoption process but it did not happen. Discussed the process for adopting reach codes and available resources including Bay REN
- David Willoughby will get the law for monitoring structures for the next meeting.

ADJOURNMENT:

- The meeting was adjourned at 2:05 pm by David Willoughby.

The next meeting: Next meeting will be the General Membership Meeting on November 1st, 2022 at Sally Tomatoes.

ICC Government Relations' Monthly Update



October 2022 Follow @ICC_GR on [Twitter](#).
[Click here](#) for ICC Government Relations Staff Regional Maps.

Code Council continues to support its members impacted by Hurricane Ian

The International Code Council is monitoring Hurricane Ian as it impacts the southeastern United States. For the latest forecast and additional safety information, please visit the [National Hurricane Center](#) and the Code Council's [hurricane safety and resources page](#). With our partners at the [Federal Emergency Management Agency \(FEMA\)](#), we uploaded a Pulse page covering topics like managing your flood risk, mitigation opportunities, disaster recovery resources for code officials and how you can help in the time of need through the [Disaster Response Alliance \(DRA\)](#). [Read more here](#).

2022 Group B Public Comment Hearing results available; online voting expected to run October 10-24

The 2022 Group B Public Comment Hearing Results from the Public Comment Hearings held in Louisville, Kentucky, are now available. [Click here](#) for the results. The Online Governmental Consensus Vote (OGCV) is scheduled to open October 10, 2022 and close October 24, 2022. [Read more here](#).

IMPORTANT WEBINAR ON TUESDAY: FEMA offers grant application instruction in 90-minute webinar

As part of its Summer Engagement Series, a valuable webinar on **Tuesday, October 4**, is scheduled to start at 2 p.m. Eastern (1 p.m. Central, Noon Mountain and 11 a.m. Pacific) to help jurisdiction officials understand grant funding to build resilience in communities. This webinar will provide information and an overview to applicants and sub-applicants on how to develop and submit applications for FEMA's Hazard Mitigation Grant Program (HMGP), which includes the HMGP Post Fire program. It will feature Gerilee Bennett, Deputy Director for the National Disaster Recovery Planning Division in the Federal Emergency Management Agency (FEMA) and three other FEMA officials. [Read more and register here](#).

2022 Government Relations Forum focused on funding opportunities from three federal agencies

Well-received presentations made during the ICC Government Relations Forum on September 13 in Louisville are available on the Code Council's federal grants page, iccsafe.org/federalgrants.

- The [slides made by Jeremy Williams](#), Building Technologies Office of the U.S. Department of Energy, are found under the "Resilient and Efficient Codes Implementation (RECI) Program" tab.
- The [slides from Camille Crane](#), BRIC Section Chief – Hazard Mitigation Assistance Division, are found under the "Building Resilient Infrastructure and Communities" tab.
- The [slides from Jen Carpenter](#), Assistant Director of Policy for the Disaster Recovery & Special Issues Division, U.S. Department of Housing and Urban Development are under the "Community Development Block Grants – Disaster Recovery and Mitigation" tab.

FEMA began accepting FY2022 BRIC grants in September and many states, which route local applications to FEMA, have near-term application deadlines. For examples of prior grant applications that secured BRIC funding for code activities or if you have any additional questions, please email your ICC Government Relations Manager.

Louisiana's Michael Wich elected to ICC Board President role, succeeding Virginia's Cindy Davis

The International Code Council selected the new officers and directors for its 2022-2023 Board of Directors during the Annual Business Meeting at the organization's annual conference in Louisville. The board is responsible for the Code Council's strategic direction, while also acting as the voice of the association's membership. The newly elected executive committee is:

- **President**—[Michael Wich, CBO](#). Wich is the director of Building Code Administration and the Chief Building Official of the South Central Planning and Development Commission in Houma, Louisiana. He is a former president of the Building Officials Association of Louisiana.
- **Vice President**—[Stuart Tom, P.E., CBO, FIAE](#). Tom is the Superintendent of Building and Fire for the City of Pasadena, California. He is a registered engineer in the states of Washington and

California, holds a host of professional certifications, and is active in the development of fire and life safety codes and standards at the national and state level.

- **Secretary/Treasurer**— [David Spencer, CBO](#). Spencer is the Operations Manager in Adams County, Washington, with a team consisting of Plans Examiners, Building Inspectors, and consultants with plan reviews, inspections, manpower, customer service, and technology needs. He is also a member of the Washington Association of Building Officials and the Region II Chapter of the Code Council.

Virginia's Cindy Davis is now the Past President. Others elected at the annual business meeting were:

- [Angie Wiese, P.E., CBO](#), Section B Director for a 3-year term
- [Ron Hampton, MCP, CBO](#), Section D Director for a 3-year term
- [Jack Applegate, CBO, CPI, CHI](#), Director at Large for a 3-year term
- [Shirley Ellis, CBO](#), Director at Large for a 2-year term
- [José Roig, CBO, CCEA](#), Director at Large for a 3-year term

2021 IECC produces savings in residential and commercial buildings through the life of the structures

The U.S. Department of Energy (DOE) and its Pacific Northwest National Laboratory (PNNL) recently completed their [analysis](#) of the commercial provisions of the [2021 International Energy Conservation Code \(IECC\)](#). As stated in PNNL's report, "the 2021 edition of the IECC results in site energy savings of 12.1% at the aggregate national level compared to the 2018 IECC edition. In addition, on a national weighted average basis, the 2021 IECC is 6.5% more efficient for site energy use than Standard 90.1-2019." The 2021 IECC also provides a nationally aggregated energy cost savings of 10.6% and greenhouse gas emissions savings of 10.2% as compared to the 2018 edition. These savings are in addition to an [earlier analysis](#) by DOE and PNNL that found that the residential provisions of the 2021 IECC represent a 9.4% site energy savings improvement and an 8.7% improvement in carbon emissions relative to the 2018 IECC, saving homeowners an average of \$2,320 over the life of a typical mortgage. [Read more here.](#)

More than 450 boards, councils, committees and work groups can benefit from your experience

After each ICC Annual Conference, Code Council members are looking for different ways to volunteer their expertise and professional experience to making the Code Council the finest codes and standards organization in the world. The Code Council's Membership Office has prepared [this chart](#) listing the various ways new code officials and veteran code officials can make a difference. There are over 450 volunteer Boards, Councils, Committees, work groups and Chapters across the Code Council Family of Solutions. You can contribute your experience and expertise to promote building safety worldwide by volunteering to serve on a Code Council Board, Council, Committee or work group. [Read more here.](#)

October 24 is the deadline to apply your experience and insights on ICC's Code Action Committees

Volunteers are one of the most important assets of the International Code Council. Their work on the ICC Board of Directors, committees and councils is directly related to the success of ICC. It takes the time and expertise of many individuals working through the numerous ICC committees to shape the Code Council into the world-class membership organization that exists today. This "Call for Committee" provides another opportunity to serve. The Code Action Committees with the October 24 deadline are:

- BCAC - Building Code Action Committee.
- FCAC - Fire Code Action Committee
- PMGCAC - Plumbing, Mechanical & Fuel Gas Code Action Committee
- SEHPCAC - Sustainability, Energy & High Performance Building Code Action Committee

The Compliance Code Action Committee and the Codes and Standards Council also have an October 24 deadline for applications. [Read more here.](#)

October 31 is the deadline for applying to serve on the Code Council's Exam Development Committee

By serving on an Exam Development Committee, you can share your expertise and help ensure the ICC certifications continue to adhere to the highest standards, as well as earn CEUs, contribute to exam development, promote building and fire safety, and add to your professional credentials. Exam development committees oversee the development of various exams; however, no testing experience is

required. Committee members typically meet for one in-person meeting that runs two to three days and multiple virtual meetings throughout the year. [Read more here.](#)

Las Vegas City Building Official named Vice President of Technical Services in Government Relations

The Code Council announced Kevin McOsker has joined the Government Relations Department as Vice President of Technical Services. McOsker will help manage and develop the Code Council's efforts toward advancing existing building inspections and will support strong relationships with governmental agencies that advocate for the adoption of the International Codes (I-Codes). McOsker joins the Code Council with more than 30 years of experience in the building safety industry and brings expertise from nearly every aspect of the profession. His knowledge ranges from plan review and enforcement to inspections and special inspections of commercial and residential structures. Most recently, McOsker served as Building Official for the City of Las Vegas and has served as President of ICC Region I and the Chair of the Southern Nevada Building Officials. [Read more here.](#)

THE AWARD WINNERS ARE: Code Council honors Individuals and organizations with 2022 awards

The International Code Council honored outstanding individuals and organizations for their accomplishments and service to their communities, the building safety industry and the Code Council during the 2022 ICC Annual Conference in Louisville, Kentucky:

- **Bobby J. Fowler Award** — Mike Pfeiffer, Senior Vice President of ICC Technical Services.
- **Gerald H. Jones Code Official of the Year Award** — Sam Palmer, P.E., CBO/CFM, Clark County, Nev.
- **Robert W. Gain Fire Prevention Leadership Award** — Kara Gercynski, Division Chief of Fire Prevention and Administration with the Elizabeth, Colo., Fire Rescue.
- **ICC Educator of the Year Award** — Allen Ellis, Director of the EduCode Conference and Expo.
- **William J. Tangye Staff Recognition Award** — Cesar Monteiro, ICC Distribution Center, Lenexa, Kans.
- **ICC Community Service Award** — Code Compliance Services Department, Arlington, Texas.
- **Meritorious Service Award** — David Byl, Senior Plans Examiner from Lenexa, Kansas.
- **ICC Raising the Profile Award** — Larry Nichols, Director of the Community Development Department and Building Official for Las Cruces, N.M.
- **Excellence in Public Safety Award** — Amrinder Singh, Building Code Enforcement Manager, Norristown, Penn.
- **Chapter of the Year Award** — Ohio Building Officials Association.
- **Chapter Merit Award** — Sacramento Valley Association of Building Officials.
- **Trailblazer Award** — Kelly Janis, Plans Examiner for Weber County, Utah.
- **Innovation in Code Administration Award** — Geoff Simmons, CBO.
- **National Leadership in Sustainability and Energy Efficiency Awards** — Kimberly Cheslak, Director of Codes with the New Buildings Institute.
- **ICC Global Membership Award** — His Excellency Dr. Saad Alkasabi, Governor of the Saudi Standards, Metrology, and Quality Organization.
- **PMG Leadership Award** — Dr. Esber Andiroglu, Doctor of Philosophy and Associate Professor of Practice at the University of Miami.

Updated Reinforced Masonry Engineering Handbook references the 2021 International Building Code

The Masonry Institute of America's updated Reinforced Masonry Engineering Handbook, 9th Edition, based on the 2021 IBC and TMS 402/602-16, eliminates repetitious and routine calculations to help reinforced masonry designers save time. In addition to the code requirements, the handbook provides sound engineering practice, detailed explanations and applications of allowable stress design and strength design procedures, 90-plus step-by-step examples, and hundreds of drawings to maximize ability in the practice of masonry engineering. [Read more here.](#)

Webinar is October 20 on digitizing your department and upgrading office process automation

Many departments within municipalities use software solutions to reduce paper by digitizing files. Then they can automate processes, integrate different systems together and enable employees, citizens and stakeholders to access critical information and processes from wherever they are. ICC Community

Development Solutions, a member of the ICC family of solutions, offers **Laserfiche®** to achieve these goals and enable department-wide document searching. To learn more, join the webinar October 20 on the basic tools offered by Laserfiche with an overview of all the possibilities. You'll see how you can streamline and automate processes to route work, requests and notifications. The webinar "[An Introduction to Laserfiche for Building Officials](#)" starts at 1 p.m. ET/10 a.m. PT Thursday, October 20. [Register here.](#)

Code Council and ASTM International reach digital-first strategy with Digital Codes Premium Complete

The International Code Council in collaboration with ASTM International is making it easier for the building safety industry to adopt a digital-first strategy through the Code Council's Digital Codes Premium Complete. As part of the update, subscribers, at no additional cost, will have access to over [525 ASTM standards referenced in the 2021 International Codes](#) (I-Codes). Every ASTM Standard that is referenced in the 2021 I-Codes is available in a read-only format. [Read more here.](#)

December 31 is the deadline for applications for funding through the Emory R. Rodgers Fellowship

Named for one of the Code Council's greatest mentors, the Emory R. Rodgers Leadership in Building Safety Fellowship is available annually to a building safety professional who has demonstrated an executive-level career path and wants to further develop leadership skills through an eligible executive development program. The fellowship will afford up to \$20,000 dollars to cover the full cost of the education program and the award recipient's travel to and from the program. Applications are currently being accepted and the new deadline is December 31. Take a look at this [video](#) featuring Chris Landreth, City of Tracy (CA) Supervising Building Inspector and inaugural recipient of the fellowship. Questions? Contact Vice President of Member Services Karla Higgs at khiggs@iccsafe.org. [Read more here.](#)

Southern Nevada's EduCode set for February 27–March 3 with more than 100 live and virtual classes

One of the largest and most popular training events in the nation is set for February 27 - March 3, 2023, in Clark County, Nevada. EduCode 2023 is providing more than 100 classes (all ICC preferred provider approved, and many AIA certified) that are both live and virtual to help accommodate every need of the code professional. Topics covered include architectural, code enforcement, electrical, fire protection, leadership, mechanical, plumbing and structural [Read more here.](#)

***GOT PULSE?* Living with Fire: How America's Wildland-Urban Interface fires impact everyone**

Episode 47: Through a series of interviews with Code Council experts and U.S. fire service professionals, this episode explores wildfires in the wildland-urban interface, or in short, the WUI. We define the WUI, debunk common misconceptions about wildfires, address the challenges of getting communities who are at risk to become more fire-adapted and outline the steps we can do now to prevent major impact of wildfire damage and casualties, which includes planning and preparedness on a community level and building to modern codes and standards for prevention and mitigation. [Just listen here.](#)



ICC Plumbing, Mechanical and Fuel Gas updates

Meet the ICC PMG Technical Team as they describe the vital role performed by the ICC PMG Codes

The PMG codes are a vital part of a complete building safety system. When adopted as a family of codes, alongside the other I-Codes, they provide a consistent system of regulations that designers, builders, and regulators can rely on around the world. [Check out this video to get introduced](#) to the talented, experienced professional who make up the ICC PMG Technical Team as they describe the PMG codes.

New webinar provides specific information on the 2021 International Swimming Pool & Spa Code

With the International Swimming Pool & Spa Code being adopted this year in upper Midwest cities like Sioux Falls, South Dakota, and Council Bluff, Iowa, more and more jurisdictions are giving this important code strong consideration. This was the case for a recent webinar on the ISPSC to a California crowd. [Click here to see this in-depth video.](#)

ICC PMG Technical Team featured at Missouri Association of Building & Fire Officials Mega Conference

Mark Fasel, Director of ICC PMG Technical Resources, instructing **2018 IPC Nonpotable Water ½ day class & 2018 IPC Methods of Venting Plumbing Fixtures and Traps ½ day class** on November 10, at the 2022 MABFO (Missouri Association of Building & Fire Officials) Mega Conference. The conference will be at the Margaritaville Lake Resort, Lake of the Ozarks, 494 Tan Tara Estate Drive, Osage Beach, Missouri. For information on this 2 ½-day conference, [read more here](#).



ICC Evaluation Services updates

ICC-ES provides verification of manufacturers' commitment to environmentally conscious products

The US General Services Administration (GSA) released requirements for Environmental Product Declarations (EPDs) and emissions targets for concrete and asphalt for GSA buildings. The new low embodied carbon concrete standard requires GSA project contractors to provide EPDs, where available. As a Type III Program Operator, **ICC Evaluation Service (ICC-ES)** is qualified to verify and publish EPDs that provide exactly this type of summary. Life Cycle Assessment, or LCAs, detail the environmental impacts of a product across all of its life stages – material extraction, production, transportation, installation, use and end of life. Through a strategic partnership with an industry leader in LCAs, ICC-ES can complete a robust environmental product certification that covers the full impacts of a product across all phases. “As a Type III Program Operator, ICC-ES provides manufacturers an opportunity to establish third-party verification of their commitment to environmentally conscious building products through the EPD program,” says Eric Polzin, ICC-ES Environmental Program Manager. [Read more here](#).

First ICC-ES CSA S136 listing for cold-formed steel decks issued to New Millennium Building Systems

ICC Evaluation Service (ICC-ES) has issued the first listing report to CSA S136, *North American Specification for the design of cold-formed steel structural members*, to New Millennium Building Systems. CSA S136 is referenced in the 2020 and 2015 National Building Code of Canada (NBC) and is a harmonized Standard intended for use in Canada, the United States, and Mexico. [New Millennium](#) is a provider of structural steel joist, joist girder and decks for commercial steel construction projects, and has multiple facilities across North America that serve markets in the United States, Canada and Mexico. The New Millennium roof deck panels, form deck panels and composite deck panels, evaluated to CSA S136 and the NBC, are cold-formed from steel sheets used as floor and roof deck to support vertical loads, and as components of horizontal diaphragms and composite floor assemblies. [Read more here](#).



Efficiency Division Updates

CALIFORNIA ENERGY COMMISSION

REACO ICC Monthly Meeting

October 2022

Updates

- **Blueprint #139 July-Sept 2022** now available. Topics include:
 - 2022 Energy Code: Single-Family Summary
 - Q&A
 - ESS Ready for ADUs
 - Single-Family Water Heating Alterations
 - Single-Family Water Heating for ADUs
 - Single-Family Ceiling Insulation Alterations
 - Single-Family Lighting
- Statewide Reach Codes Team has published a new **Single Family New Construction Cost Effectiveness Study** with cost-effectiveness analyses for new detached single family and detached ADUs.
- **CalAPP** application window open until May 1, 2023 – grants between \$40,000 to 100,000 are available. See attached flyer.
- **2025 Energy Code stakeholder workshops** to be held by the Statewide Codes and Standards Enhancement (CASE) team on October 25 and 27
- **Business meeting agendas and recordings.**
 - September 14: Local ordinance approved for City of Los Angeles
 - Next business meeting: October 12 (agenda TBD)

Energy Code Training and Events

- **Energy Commission training and events**
 - October 10-13: CALBO Education Week (Ontario): Training and Exhibit Booth
 - October 20-22: InterNACHI Professional Inspectors Convention (Ontario) – Training and Exhibit Booth
 - October 27: CALBO Disneyland Architects and Engineers (Anaheim): 2022 Energy Code Significant Changes
- **Energy Code Ace training – new 2022 materials**
- **BayREN training**
 - October 5: **Residential Load Calcs and Duct Design for Building Departments**
 - October 13: **2022 Energy Code Changes – Single Family**
 - October 20: **2022 Energy Code Changes – Multifamily**
 - October 26: **Residential Energy Standards - Accessory Dwelling Units (ADU)**
- **3C-REN training - new 2022 materials**
 - October 3: **Solar PV: Technology and Valuation**
 - October 4: **Water Heating Distribution Best Practices**
 - October 6: **2022 Energy Code: Existing Buildings, Additions, and Alternations**
 - October 17: **Carbon Free Homes: Features, Benefits, Valuation**
 - October 20: **2022 Energy Code: Accessory Dwelling Units (ADUs)**

- [PG&E training](#)
- [Local Energy Code resources - new 2022 materials](#)

Energy Code Resources

- [Online Resource Center](#)
- Energy Standards Hotline: [email](#) or call 800-772-3300.
- [2022 Energy Code Compliance Software](#)
- [2025 Energy Code](#)

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

- [Blueprint Newsletter email list](#)
- [Building Standards email list](#)
- [Appliance Standards email list](#)

2022 BayREN Energy Code Trainings & Events

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

Residential Load Calcs and Duct Design for Building Departments

Location: Zoom Webinar

Date: Wednesday, October 5, 2022

Time: 9:00 am – 10:30 am

Description: This course will explain how to process, check and verify residential load calculations and duct designs that are required by the mechanical code and the energy code (e.g., ACCA Manual J and Manual D)

Topics Covered: Load Calculations, equipment selection (particularly heat pumps), duct designs. What to ask for, how to check them and how to verify them in the field.

Target Audience: Building Department Staff, Permit technicians, plan checkers, field inspectors

ICC CEUs: 0.1

[Webinar Registration Link](#)

2022 Energy Code Changes – Single Family

Location: Zoom Webinar

Date: Thursday, October 13, 2022

Time: 9:00 am – 10:30 am

Description: This course will provide an overview of the 2022 Energy Code changes for single family buildings, including changes to the structure of the energy code as well as changes to mandatory measures and performance and prescriptive requirements.

Target Audience: Building Department Staff, builders, contractors, energy consultants

ICC CEUs: 0.1

[Webinar Registration Link](#)

2022 Energy Code Changes - Multifamily

Location: Zoom Webinar

Date: Thursday, October 20, 2022

Time: 9:00 am – 10:30 am

Description: This course will provide an overview of the 2022 Energy Code changes for multifamily buildings, including changes to the structure of the energy code, where to find the new multifamily sections, and changes to mandatory measures and performance and prescriptive requirements.

Target Audience: Building Department Staff, builders, contractors, energy consultants

ICC CEUs: 0.1

[Webinar Registration Link](#)

Accessory Dwelling Units

Date: Wednesday, October 26, 2022

Time: 9:00am – 10:30am

Description: This course covers the Prescriptive requirements that apply to new ADU, and discusses both minimum requirements and design options for compliance. The major changes coming in the 2022 Energy Code (effective 1/1/2023) that effect ADUs will also be reviewed. The webinar helps:

- Designers and architects understand how different ADU types are subject to envelope, Photovoltaic (PV)/Battery, domestic hot water (DHW), ventilation, HVAC and HERS requirements of the Energy Code
- Energy consultants clarify the minimum requirements and communicate the compliance options available for ADU
- Contractors recognize that ADU type and CF1R Certificate of Compliance affect envelope, PV/Battery, DHW, ventilation, HVAC and HERS features

- Building departments know what to look for during plan check and inspection, and how to ensure the ADU permitting and construction process goes smoothly
- HERS Raters be aware that HERS measures are more likely with an ADU project

Target Audience: Building Department Staff, Contractors, and Building Professionals

ICC CEUs: 0.1

Training developed and offered in partnership with [Energy Code Ace](#).

[Webinar Registration Link](#)

2022 Energy Code Changes – Single Family

Location: Zoom Webinar

Date: Wednesday, November 9, 2022

Time: 9:00 am – 10:30 am

Description: This course will provide an overview of the 2022 Energy Code changes for single family buildings, including changes to the structure of the energy code as well as changes to mandatory measures and performance and prescriptive requirements.

Target Audience: Building Department Staff, builders, contractors, energy consultants

ICC CEUs: 0.1

[Webinar Registration Link](#)

2022 Energy Code Changes - Multifamily

Location: Zoom Webinar

Date: Wednesday, November 30, 2022

Time: 9:00 am – 10:30 am

Description: This course will provide an overview of the 2022 Energy Code changes for multifamily buildings, including changes to the structure of the energy code, where to find the new multifamily sections, and changes to mandatory measures and performance and prescriptive requirements.

Target Audience: Building Department Staff, builders, contractors, energy consultants

ICC CEUs: 0.1

[Webinar Registration Link](#)

New!!! 2022 Energy Code Ace In-Person Trainings!

Hosted by County of Sonoma BayREN Codes & Standards Program and the North Coast Builders Exchange

[2022 Energy Code All-Electric 3-part Series: October 25, 2022](#)

[2022 What's New for the Energy Code 3-part Series: November 27, 2022](#)

Energy Code Ace Code Breaker - 2022 Energy Code All-Electric Series

The 2022 California Energy Code has introduced significant changes for Residential, Multifamily and Nonresidential occupancies, from how these occupancies are to be classified and organized within the code to the introduction of new Mandatory and Prescriptive measures facilitating preparation for future all-electric buildings. Join us for this presentation where we review not only the all-electric preparation requirements of the Energy Code, but also PV exemptions. We will also explore preparation for future all-electric buildings in the Energy Code requirements for HVAC systems, domestic hot water and battery-ready electrical panel configuration and battery storage.

Location: North Coast Builders Exchange, 1030 Apollo Way, Santa Rosa CA 95407 – **In-person only**

Instructor: Gina Rodda, Energy Code Ace

Date: Three Sessions – Tuesday, October 25, 2022

Time: 9AM-4PM - *Options to register for one or all sessions*

Target Audience: Contractors, Building Department Staff, Energy Consultants, Building Professionals

Session 1: Code Breaker – Single Family All-Electric – 2022 Energy Code

Time: 9:00 am-11:30 AM

- Continental Breakfast, Networking and Programs Overview from 9:00 10:00
- Session 1: 10:00 AM -11:30

Learning Objectives include:

- Describe how 2019 Residential occupancy classifications have been reorganized in 2022 Energy Code along with their corresponding code sections
- Discuss updates to 2022 Mandatory Measures and Prescriptive requirements involving preparation for future single-family all electric residences
- Recognize when solar photovoltaic and battery systems are required in single-family homes
- Discuss 2022 updates to Prescriptive requirements involving heat pump space heating and domestic hot water
- Identify online resources for more guidance on these topics

Session 2: Code Breaker – Multifamily All-Electric – 2022 Energy Code

Time: 11:30 AM -2:00 PM

- Lunch, Networking and Programs Overview from 11:30-12:30 PM
- Session 2: 12:30 PM -2:00 PM

Learning Objectives include:

- Describe how 2019 multifamily occupancy classifications have been reorganized in 2022 Energy Code along with their corresponding code sections
- Identify updates to 2022 Mandatory Measures related to multifamily electric ready
- Discuss updates to 2022 Prescriptive HVAC and domestic hot water requirements related to preparation for future multifamily all-electric buildings
- Recognize when solar photovoltaic and battery systems are required in multifamily buildings Identify online resources for more guidance on these topics

Session 3: Code Breaker – Nonresidential All-Electric – 2022 Energy Code

Time: 2:30 PM - 4:00 PM

Learning Objectives include:

- Describe how 2019 Nonresidential occupancy classifications have been reorganized in 2022 Energy Code along with their corresponding code sections
- Discuss updates to 2022 Prescriptive HVAC and domestic hot water requirements related to preparation for future Nonresidential all-electric buildings
- Recognize when solar photovoltaic and battery systems are required in Nonresidential buildings
- Identify online resources for more guidance on these topics

Registration Link: [Individual Sessions or All Three 2022 Energy Code All-Electric Sessions on October 25th](#)

Energy Code Ace – What’s New for the 2022 Energy Code

The 2022 California Energy Code has introduced significant changes for Residential, Multifamily and Nonresidential occupancies. We will present three sessions on the Envelope, Mechanical and Electrical changes in the 2022 Energy Code.

Location: North Coast Builders Exchange, 1030 Apollo Way, Santa Rosa CA 95407 – **In-person only**

Instructor: Gina Rodda, Energy Code Ace

Date: Three Sessions – Tuesday, November 29, 2022

Time: 9AM-4PM - *Options to register for one or all sessions*

Target Audience: Contractors, Building Department Staff, Energy Consultants, Building Professionals

Session 1: What’s New for the 2022 Energy Code – Envelope + New PV and Battery Storage Requirements

Time: 9:00 am-11:30 AM

- Continental Breakfast, Networking and Programs Overview from 9:00 10:00
- Session 1: 10:00 AM -11:30

Description: What’s new for the envelope plus new PV and battery storage requirements for new construction and additions/alterations for single family, multifamily and nonresidential.

Session 2: What's New for the 2022 Energy Code – Mechanical

Time: 11:30 AM -2:00 PM

- Lunch, Networking and Programs Overview from 11:30-12:30 PM
- Session 2: 12:30 PM -2:00 PM

Description: What's new for mechanical (HVAC, water heating, ventilation) for new construction and additions/alterations for single family, multifamily and nonresidential.

Session 3: What's New for the 2022 Energy Code – Electrical

Time: 2:30 PM - 4:00 PM

Learning Objectives include:

- Describe how 2019 Nonresidential occupancy classifications have been reorganized in 2022 Energy Code along with their corresponding code sections
- Discuss updates to 2022 Prescriptive HVAC and domestic hot water requirements related to preparation for future Nonresidential all-electric buildings
- Recognize when solar photovoltaic and battery systems are required in Nonresidential buildings
- Identify online resources for more guidance on these topics

Registration Link: [Individual Sessions or All Three What's New for the 2022 Energy Code Sessions on November 29th](#)

2022 BayREN Reach Code Resources

BayREN Reach Codes & Policies Technical Support & Resources

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

- [Why Adopt a Reach Code?](#)
- [What Local Governments Need to Know about Energy Efficiency Reach Codes](#)
- [Legal Requirements for Reach Codes](#)
- [Process & Timeline for Reach Code Development and Adoption](#)
- [Types of Reach Codes](#)
- [Reach Codes for the 2019 California Building Code](#)
- [Adopted Reach Codes](#)
- [Resources](#)

BayREN can also provide some technical consulting support to jurisdictions working on reach codes.

BayREN Live Online Customized Reach Code Trainings

Live Online Webinars

Description: This course will help attendees understand and better enforce adopted reach codes within a specific jurisdiction. The course includes a combination of general practices as well as customized training for the jurisdiction's reach code. Reach Code Trainings are customized to address a city or county-specific Reach Code and are intended for city-specific or county-specific staff.

Target Audience: City-specific plan checkers, field inspectors, building department staff

Duration: Short Course (60-90 min) - Instructors are available remotely and trainings can be scheduled Monday to Friday from 7AM to 7PM.

California Codes & Standards Statewide Reach Codes Program

<https://localenergycodes.com/>

Reach Code Resources and technical support from the Statewide Reach Codes Program including adopted ordinances, cost effectiveness explorer tool and options for different types of Reach Codes.

Contact Christine Condon, Sonoma County BayREN Codes and Standards Program Representative to schedule trainings and for more information about reach code technical support: Christine.Condon@sonoma-county.org or 707-565-2125.

From: [Christine Condon](#)
To: [David Willoughby](#)
Subject: Register now for BayREN's New Fall Energy Code Trainings including 2022 Energy Code Changes!
Date: Monday, October 3, 2022 5:27:49 PM
Attachments: [image004.png](#)
[image005.png](#)

Good afternoon David,

Registration is open for the New Fall Energy Code trainings from BayREN including new trainings on the 2022 Energy Code Changes for Single Family, Multifamily and Nonresidential.

See the links below for more details and to register!

Thank you.

Christine Condon, CEA, LEED AP BD+C, HERS | Energy & Sustainability Analyst
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](#)



Join our New Fall Energy Code Trainings!

Residential Load Calcs and Duct Design for Building Departments

Wednesday, October 5 | 9:00 am–10:30 am

[Register here](#)

2022 Energy Code Changes – Single Family

Thursday, October 13 | 9:00 am–10:30 am

[Register here](#)

2022 Energy Code Changes – Multifamily

Thursday, October 20 | 9:00 am–10:30 am

[Register here](#)

Residential Energy Standards - Accessory Dwelling Units (ADU)

In partnership with Energy Code Ace

Wednesday, October 26 | 9:00 am–10:30 am
[Register here](#)

2022 Energy Code Changes – Single Family
Wednesday, November 9 | 9:00 am–10:30 am
[Register here](#)

2022 Energy Code Changes – Multifamily
Wednesday, November 30 | 9:00 am–10:30 am
[Register here](#)

*Trainings listed above will be online and are free.
BayREN provides 0.1 ICC CEU for each training completed.

Schedule a Training

Schedule the BayREN training of your choice at a time convenient to your staff.

To request an online-live training specifically for your building department staff, email codes@bayren.org and provide the following information:

- Requested training(s)
- Preferred date(s) and time(s)
- Expected number of attendees from your jurisdiction (if space allows, we will open trainings to staff from other jurisdictions as well in order to maximize training opportunities)

BayREN Codes & Standards instructors are available remotely Monday to Friday from 7AM to 7PM in the Bay Area nine county region to educate local building departments on 2019 Energy Code (Title 24, Part 6) requirements, plan check review & field inspections processes & best practices for improving code compliance & enforcement at no cost.

Don't have time for any of the above trainings?

BayREN's On Demand **Heat Pump Water Heater Trainings** can be accessed at any time, seven days a week, from any internet-enabled device (laptop, phone, tablet, etc.).

Heat Pump Water Heaters for Building Departments: [Register and Start Training](#)
Heat Pump Water Heaters for Contractors: [Register and Start Training](#)

Please contact us at codes@bayren.org with any questions about the services or resources we provide.

Sincerely,
The BayREN Codes & Standards Team



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You are receiving this email because you've attended a BayREN Codes & Standards event or expressed interest in future BayREN Codes & Standards events.

Our mailing address is:

Association of Bay Area Governments

375 Beale St

San Francisco, CA 94105-2066

[Add us to your address book](#)

Here is the upcoming CSI program on the NFPA 285 by John Guill on October 6.

To register please go to <https://www.eventbrite.com/e/october-recsi-dinner-meeting-and-presentation-tickets-424459288157>

Best,

Carolyn



A strategic alliance of AEC professionals meeting to build knowledge, improve project delivery, advance the art and science of building, and fulfill your professional potential



The Redwood Empire Chapter of CSI will be continuing in our vow to build knowledge and fulfill your professional potential by inviting you to our monthly dinner meetings where we focus on our chapter business, social networking and offering an educational presentation.

John Guill, FCSI, CCS, CCA, SCIP, AIA, IIBEC and honored RECSI Member will be presenting "Tame the Flame" an educational presentation that features how to navigate the NFPA 285 code requirement. NFPA 285 is the Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Combustible Components. Recent code revisions for energy conservation have prompted greater use of flammable insulation materials in new construction. Numerous high profile fire disasters resulting in loss of life have caused greater regulation and testing for these energy-efficient assemblies. You won't want to feel the heat so don't miss it!

On completion of this presentation, attendees will be able to...

- Explain Model Building Code Requirements for Fire Propagation of Exterior Wall Assemblies.
- Explain requirements of code-mandated test methods for materials fire propagation properties and how these factors affect selection of products.
- Develop a code check procedure to identify requirements for construction materials and cladding assemblies.
- Review some example proposed construction assemblies and materials selection to evaluate code-compliance.

DINNER MEETING RSVP HERE!

Thursday, October 6th, 2022

Charlie's Grill at the Windsor Golf Club
[1320 19th Hole Drive, Windsor, California 95492](https://www.windsorgolfclub.com/1320-19th-hole-drive-windsor-california-95492)

5:30- 6:15 Networking
6:15 Announcements/Introductions
6:30 Dinner Service
7:00-8:00 Program

Dinner Pricing:

Includes buffet dinner and presentation
RSVP today to save \$5 on your ticket!
RECSI Members: \$35 (~~\$40~~ after 10/29)
Non-members: \$45 (~~\$50~~ after 10/29)

2022 UPCOMING EVENTS:

Stayed tuned for more information regarding our new networking events called Learning & Libations. We will be organizing a more casual, mix and mingle type event where our membership can network in a more relaxed way.

Please remember to follow our [LinkedIn](#) page for up to date info on our chapter and affiliated organizations.

RECSI is a member fueled organization that relies on the ideas and creative input of many. Would you like to help shape what the future and content of our meetings look like? Check out the survey below and let us know what you would like to see from your chapter!

ALL MEMBER SURVEY

SPEAKER BIO:



John R. Guill FCSI, CCS, CCA, SCIP, AIA, IIBEC
DTR CONSULTING INC.

John R. Guill FCSI, CCS, CCA, SCIP, AIA, IIBEC, is a Technical Architect and a Principal of the firm DTR Consulting Services, Inc., www.dtrcs.com in Santa Rosa and Roseville, CA; specializing in Roofing, Waterproofing, Specifications, and Quality Control with over 35 years experience in architecture for a wide range of projects and building types. He is a frequent and well-recognized presenter for CSI, AIA, schools, universities and other industry groups at national, regional and local levels, including the CONSTRUCT Convention. He is a Fellow of the Construction Specifications Institute and holds many honors and recognitions for teaching on construction topics

The Code Council's Chapter Leadership Academy returns for 2022

The first in-person Chapter Leadership Academy since 2019 was held in Broomfield, Colorado

June 24th, 2022

by [Ron Piester](#)

- [Member News](#)

After a three-year hiatus, the [International Code Council](#) held its first in-person [Chapter Leadership Academy](#) since 2019. The event featured a full schedule of educational and motivational sessions on leadership skills, best practices and Code Council resources to help chapters and their members excel.



The academy was held at [Viega USA's](#) state-of-the-art seminar center, located on the campus of its North American headquarters in Broomfield, Colorado. Bo DeAngelo, manager of technical training at Viega, provided a tour of the facility featuring numerous interactive displays of its innovative plumbing products and equipment.[1] "Viega is committed to supporting our customers and trade partnerships alike. Hosting the ICC chapter leaders for the purpose of improving practices across their organization

aligns with our core values and mission. We are committed not only to quality, lasting connections in piping, but also to quality and lasting connections with our partners.”

International Code Council Board of Directors Immediate Past President Greg Wheeler welcomed attendees on behalf of current Code Council Board of Directors President Cindy Davis and the rest of the board. He then conducted a roundtable question-and-answer session with the 43 chapter leaders in attendance and the 18 additional leaders who connected virtually.

Local, state, regional, PMG and student chapter leaders from around the country engaged in spirited discussion on a variety of topics, including chapter benefits, mission, vision and values, and new opportunities to leverage federal resources. In addition, the group received a moving presentation about a chapter president whose legacy of leadership inspired the creation of a new Code Council award. Details of the award will be announced at the [Code Council's upcoming annual conference in Louisville, Kentucky](#).

The success of the academy and its value to chapter leaders of all ages was summed up by Alyssa Stone, president of the Chemeketa Chapter, representing [Chemeketa Community College's Building Inspection Technology Program](#). “I left the academy with a new perspective on how to engage my peers and the younger generation,” Stone said. “I now feel confident in presenting the many wonderful opportunities my chapter has. And I learned how to grow my leadership skills and made cross-regional connections. I'm very glad I went.”

Attendance at the Chapter Leadership Academy is one of the many benefits available to Code Council chapters in good standing. According to Jim Straws, a veteran participant and president of the [Indiana Association of Building Officials](#), “One of the best things about the Chapter Leadership Academy is meeting other leaders from across this country and getting to network with them on leadership issues.”



Chapter Leadership Academy class of 2022.

1. For more information on Viega's Colorado seminar center, check out this Viega Voice [article](#).

About the Author



Ronald Piester, AIA, is the vice president of Membership/Certification at the International Code Council.





Re-engaging Chapter and ICC Members

Are your members getting the most from their
ICC Membership?

Karla Price Higgs
Vice President, ICC Member Services



“Simply put, member engagement is the ongoing interaction between a member and organization in exchange for meaningful value.”

-Ashley Autry

blog.accessdevelopment.com



Why Join?

CAAK is a chapter of the International Code Council (ICC) and is recognized as a national leader among statewide code administration trade organizations. Our membership includes more than 650 building inspectors, fire officials, contractors, engineers, architects and others in related fields.

Member benefits include:

- CAAK ensures Kentucky's building codes are enforced consistently and effectively throughout the state;
- We deliver valuable training, continuing education and networking opportunities for members throughout the year;
- CAAK keeps our members informed of important news affecting building officials in Kentucky as well as bordering states;
- We closely monitor legislation affecting codes administration and public safety; and
- CAAK provides support and guidance to any jurisdiction wishing to establish an inspection department.

Membership Types

- Active \$25
- Associate \$35
- Student Free
- Retired \$25 (one-time fee)
- Honorary

As a member in good standing, for every five members you sponsor, your membership dues for the next year will be waived. For every 10 members you sponsor, your membership dues for the next year will be waived, as well as your registration dues for either a CAAK spring or fall conference.

PAY YOUR DUES, RENEW OR JOIN



ABOUT

JOIN

MEMBERSHIP BENEFITS

MEMBER APPLICATION

RENEW MEMBERSHIP

MEETINGS

BLOG

SCHOLARSHIPS

SPONSORSHIP

MEMBERSHIP BENEFITS

Benefits of Membership

The San Diego Area Chapter of ICC (Chapter) is a professional organization that is a member and chapter of the International Code Council and represents Building Officials serving 21 jurisdictions within San Diego County including El Centro. The organization provides a forum for like-minded individuals from stakeholder groups that include local Building Officials and their personnel as well as interested parties from the design and construction industry including code consultants and manufacturers of building materials.

- The Chapter hosts monthly general membership meetings held on the third Tuesday of the month and provides a forum for the in-person exchange of ideas. Membership provides access to the meeting agenda and allows members to contribute to setting items on the monthly agenda.
- The chapter regularly hosts training and programs that are offered to members free of charge or at a reduced rate when a fee is levied.
 - As an ICC Preferred Provider, the Chapter hosts seminars presented by recognized experts and professionals on a variety of topics applicable to the enforcement of the California Building Standards Code. Members are able to influence the topics, location, and scheduled dates for the training.
 - Frequently programs are hosted at the end of the monthly general membership meeting.
- Members are invited to participate in various activities including Student lunches, on on-campus recruiting, to invite their staff to apply for student scholarships.
- Members are kept apprised of upcoming State legislation and may be able to influence the outcome of State legislation through the Chapter and Calbo.
- Members can participate through the various technical committees to provide input on proposed code changes that may impact operations and administration of the local permit and inspection process.
- Members can ask questions of the month or may get responses to questions as a part of the good of the order segment of the monthly general membership meeting.
- Members may benefit from discounts on virtual training, access to electronic codes and standards as well discounts on bulk orders for physical codebooks.
- Will have access to the activities at ICC, IAPMO, NFPA, etc since their communication is typically diffused through local groups such as the Chapter.

JOIN TODAY!



Membership Drive – Incentive Program

Great People Know Other Great People

At the heart of the Code Councils rich history is our partnership with our Members. The Code Council and its Members work together to create safer homes, neighborhoods, and workplaces.



Grant Money For Solar Permitting



Expedite your solar permitting process! Reduce the time and resources needed to review and approve small residential solar installations in your community with money from the California Energy Commission. **Millions of dollars in grant funding** are available to all permitting jurisdictions in California for the adoption of an online, automated solar permitting platform such as SolarAPP+.

The **application window is open now** until May 1, 2023. Funding is reserved on a first-come, first-served basis while money is still available.

Program Highlights:

Quick and easy application with electronic submittal

Grants between \$40,000-\$100,000 based on population of jurisdiction

Grant activities can be reimbursed until May 1, 2027



The California Automated Permit Processing (CalAPP) Program is administered by the California Energy Commission. The program was funded with \$20 million from the California Budget Act of 2021 to support a grant program for California cities and counties to establish online solar permitting. Visit the CalAPP Program webpage at www.energy.ca.gov/calapp for more information.

Questions? Contact the CalAPP team at CalAPP@energy.ca.gov