



Local Governments Empowering Our Communities

BayREN Regional Forum

Performance Standards:

A Tool to Decarbonize Existing Buildings

September 15, 2022

Zoom Meeting How To's

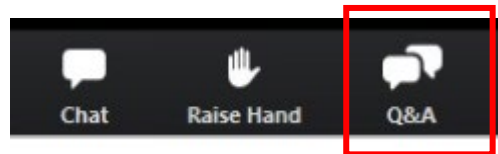
- Video camera not needed.
- Please use the chat feature to interact with panelists and other participants.
- Please use Q&A function or raise hand function if you have a question or comment.
- We will break for questions at the end of each session.

Zoom Meeting How To's

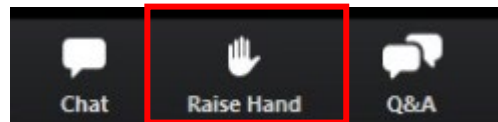
- Chat in lower left-hand corner



- Q&A button at right side of tool bar



- Raise hand button in middle of tool bar





Programs

- Single Family Home+
- Green Labeling
- Bay Area Multifamily Building Enhancements (BAMBE)
- BayREN Business
- Water Upgrades \$ave
- Codes and Standards

www.bayren.org

Codes and Standards

Joint effort of Bay Area local governments to support the development and implementation of tools, best practices, trainings, and policies for accelerating compliance with, and exceeding, California Title 24, Part 6.

Two Broad Areas of Effort

- **Compliance Improvement:** Investigate areas for improvement in code enforcement processes & offer solutions
- **Policy:** Share best practices & develop regional resources for going above code



Codes and Standards

Reach Code Support

- Information on the reach code process, legal requirements and more on our website: <https://www.bayren.org/local-government-resources/energy-policies-reach-codes>
- Technical support from reach code experts available to local government staff by request through county representatives
- Customized trainings available to building departments on local reach code implementation and enforcement

Codes and Standards

Energy Code Trainings

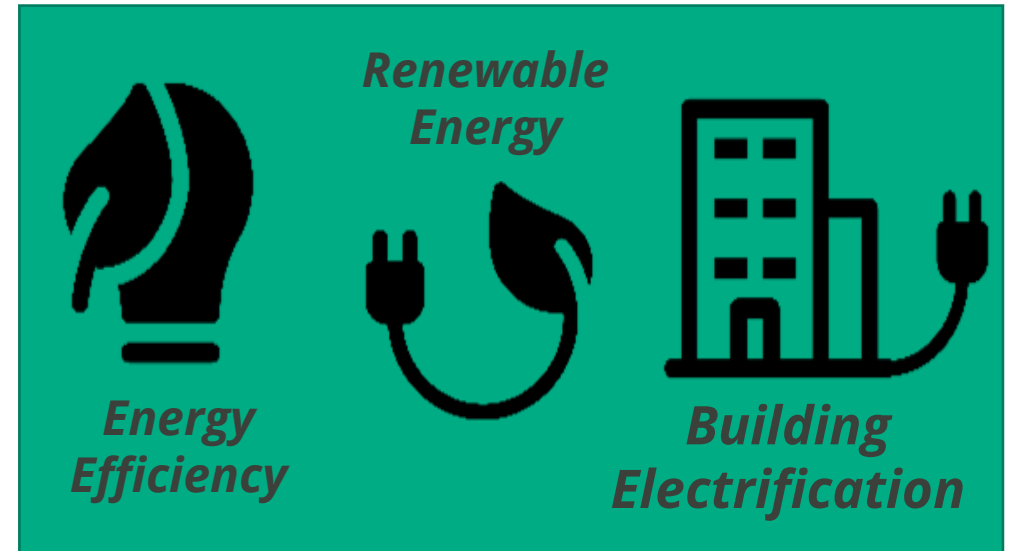
- **Free live online** trainings on Energy Code Compliance
 - 60-90 minutes in length; can be scheduled for staff meetings
 - ICC CEUs for building department staff
- **On-demand** Heat Pump Water Heater training now available
- Scheduled sessions can be viewed at <https://www.bayren.org/events-training> and include:
 - 9/22: Heat Pump Water Heaters for Contractors
 - 9/28: Heat Pump Water Heaters for Building Department Staff



Codes and Standards

Municipal ZNE/ZNC Technical Assistance

- **Technical Assistance:** BayREN provides free engineering technical assistance and resources to help local governments save energy and money while reducing their carbon footprints by moving towards Zero Net Energy (ZNE) or Zero Net Carbon (ZNC) with their buildings.
- **Municipal ZNE RFP and OPR Template Language:** Request for proposal (RFP) and owner project requirements (OPR) template language for local governments to encourage developers to construct new municipal buildings to ZNE.



Presentations & Materials

All presentations & materials will be emailed to you after the Forum and available at <https://www.bayren.org/events-training>

Disclaimer

The views expressed in these presentations are those of the author(s) and do not necessarily reflect the position of the Association of Bay Area Governments, the Bay Area Regional Energy Network or the jurisdictions that BayREN represents. Any questions pertaining to the views and information in the presentations should be directed to the author(s).

Why are we here?





Zero Emission Buildings Task Force: Existing Buildings Work Group



MESSAGES FROM STAKEHOLDERS

SEND A CLEAR SIGNAL

HELP OWNERS INVEST OVER TIME

RECOGNIZE SUCCESS



Focused work sessions



Owners, BOMA,
Major Tenants,
Engineers, Utilities



Public workshops

Decarbonization Framework for Existing Buildings



EXISTING POLICIES

- Energy benchmarking
- 100% Renewable Electricity Ordinance

NEW STRATEGIES

- Help owners plan to invest over time
- Require decarbonization by 2035 – and regular progress reports
- Invest compliance fees in decarbonization of affordable housing

More info:

sfenvironment.org/ZEBTaskForce &
sfenvironment.org/climateplan





BayREN County Reps



Emily Alvarez
StopWaste
Alameda County
ealvarez@stopwaste.org



Kellen Dammann
Marin County
kdammann@marin
county.org



Aleru Moju
County of San Mateo
Office of Sustainability
amoju@smcgov.org



Christine Condon
Sonoma County
christine.condon@sonoma
-county.org



Deborah Elliott
Napa County
deborah.elliott@county
ofnapa.org



Tonya Veitch
Santa Clara County
tonya.veitch@ceo.scc
gov.org



Demian Hardman
Contra Costa County
demian.hardman@dcd.
cccounty.us



Karen Kristiansson
ABAG/MTC
BayREN
kkristiansson@bayarea
metro.gov



Barry Hooper
City and County of
San Francisco
barry.e.hooper@sfgov.org



J. Paul Harrington
Solano County EDC
Solano County
jpaul@solanoedc.org

Meeting Agenda

- 9:00 am** Introduction to BayREN Forum
- 9:15 am** Why we are here
- 9:20 am** From Benchmarking to Building Performance Standards
- 10:10 am** Discussion
- 10:30 am** 10-minute break
- 10:40 am** Federal Support and Partnership with Local Government
- 11:30 am** Discussion
- 11:50 am** Next Steps



Cliff Majersik

Senior Advisor, Policy and Programs
Institute for Market Transformation



Ashley Van Stone
Sustainability Manager
City of Orlando, Florida



Adrienne Etherton
Sustainability Manager
City of Brisbane

Q&A

Break
10 min



Travis Walter

Senior Scientific Engineering Associate
Lawrence Berkeley National Laboratory



Caterina Hatcher

ENERGY STAR Public Sector National Manager
US Environmental Protection Agency



Paul Mathew

Head: Whole Building Systems Department
Lawrence Berkeley National Laboratory

Q&A

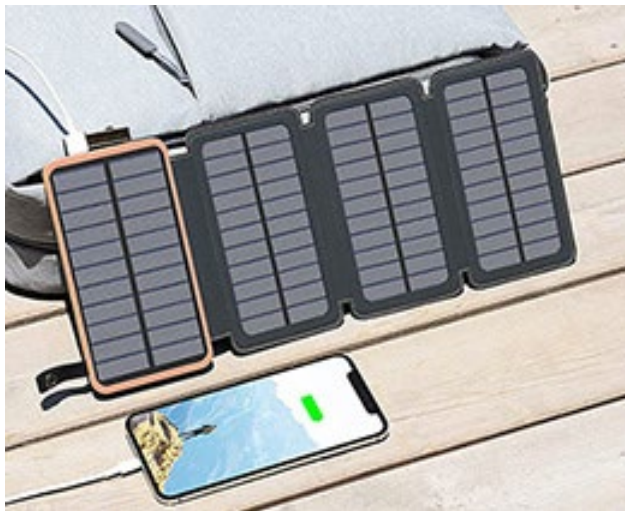
Resources

- Slides will be posted at <https://www.bayren.org/events/regional-forum-performance-standards-tool-decarbonize-existing-buildings-2022-09-15>

Enjoy the Event?

Please Complete Our Feedback Survey

- Please check your email and follow the link to our survey:
<https://www.surveymonkey.com/r/BayREN2022Q3RegionalForumSurvey>
- Respondents will be entered into a giveaway for a solar phone charger!



Thank you!



Networking - Temazcal Room

Thank you to in-person attendees!

- Please take time to meet each other
- Temazcal Room reserved for networking until 1:30 pm
- Located across the atrium from the Yerba Buena room