



Local Governments Empowering Our Communities

BayREN Regional Forum

Decarbonizing Bay Area Homes:
Homeowner and Policymaker Perspectives

September 1, 2021

Zoom Meeting How To's

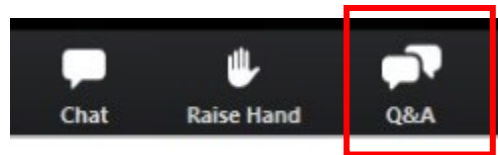
- Video camera not needed.
- Please use the chat feature to interact with panelists and other participants.
- Please use Q&A function or raise hand function if you have a question or comment.
- We will break for questions at the end of each session.

Zoom Meeting How To's

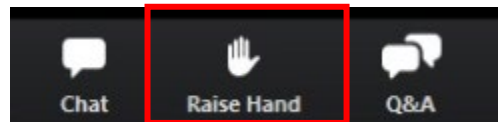
- Chat in lower left-hand corner



- Q&A button at right side of tool bar



- Raise hand button in middle of tool bar





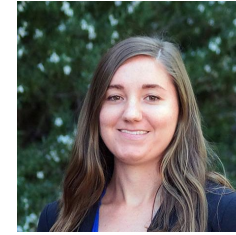
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Programs

- 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

Energy Code Trainings

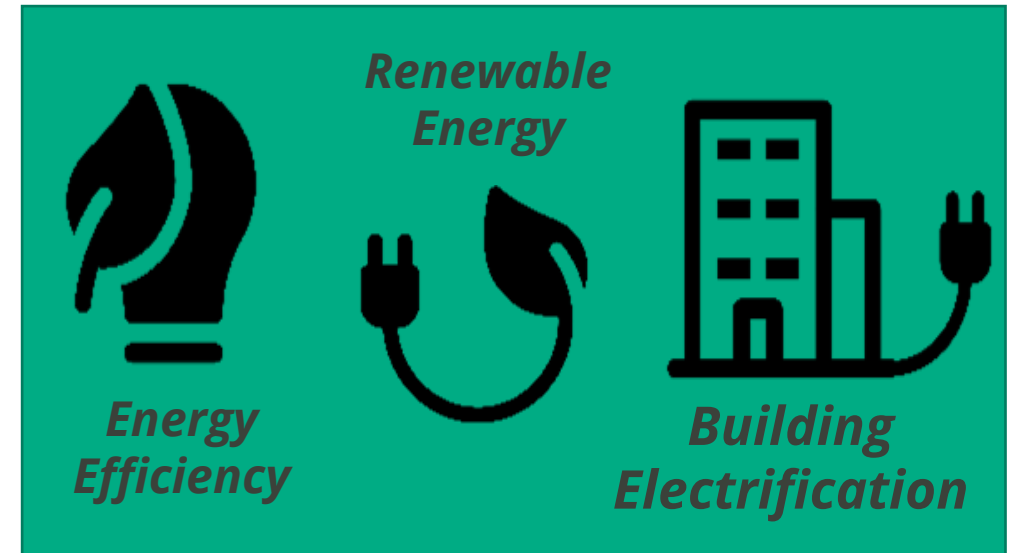
- **Free live online** trainings on Energy Code Compliance
 - 60-90 minutes in length
 - can be scheduled for staff meetings
 - ICC CEUs for building department staff
 - Topics include QII, Nonres TI, HPWH, HERS Registry and more
- **On-demand** Heat Pump Water Heater training now available
- Scheduled sessions can be viewed at [bayrencodes.org/events](https://www.bayrencodes.org/events)
- More at <https://www.bayrencodes.org/services/trainings/>



Codes and Standards

Municipal ZNE/ZNC Technical Assistance

- **Technical Assistance:** No-cost engineering analysis to help local governments retrofit or build municipal buildings to be ZNE/ZNC, or to demonstrate ZNE/ZNC policy feasibility for municipal building portfolios.
- **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.



Codes and Standards

ePermit Tool

A free, user-friendly online tool that provides information and Energy Code requirements for building permit forms for three of the most common types of home projects:

- Replacing a hot water heater
- Replacing all or part of a roof
- Replacing or adding new windows

Available at:

<https://www.bayrenerpermittool.com/generic#!/>



Presentations & Materials

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

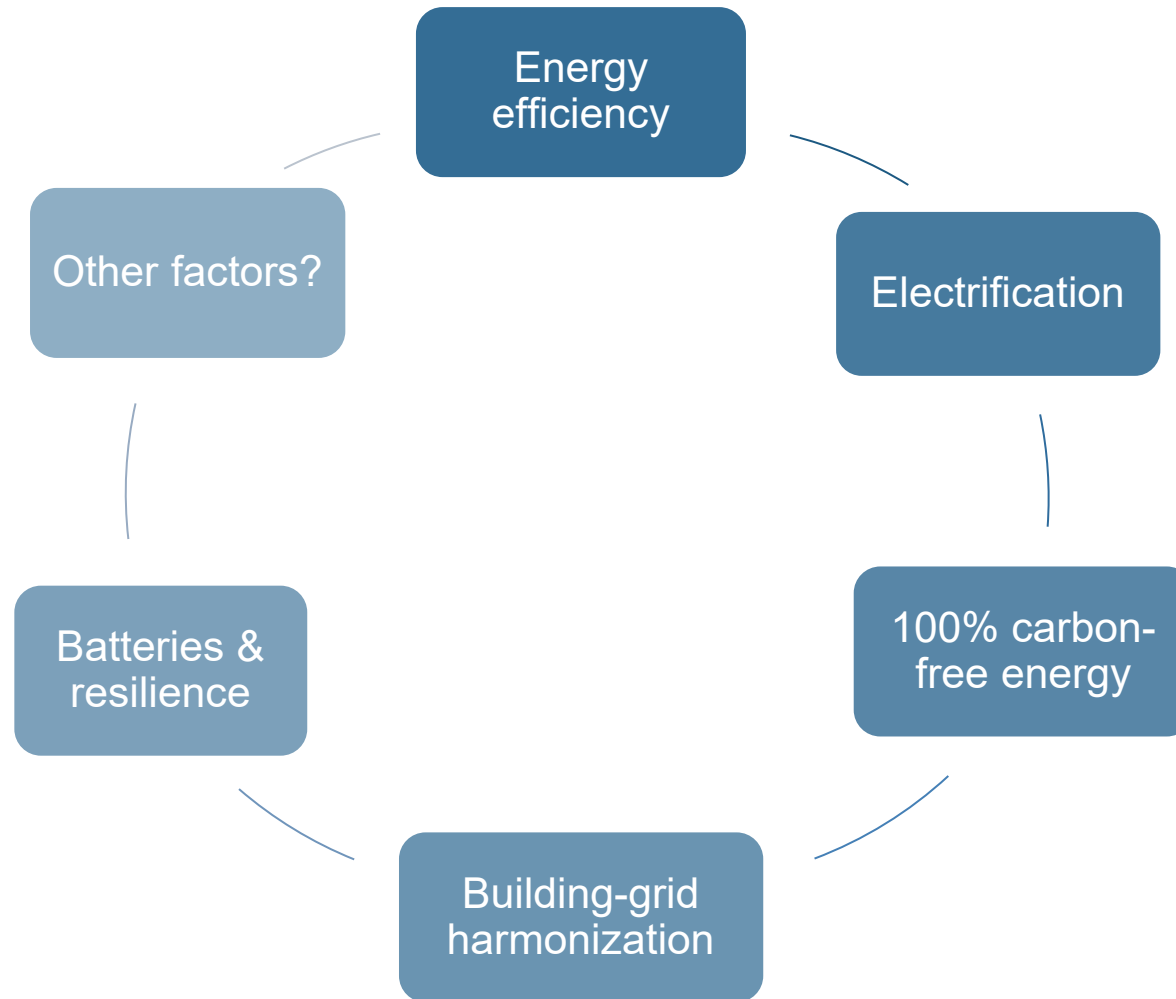
Disclaimer

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).

Meeting Agenda

- 9:00 am** Introduction to BayREN Forum
- 9:15 am** Systems Mapping Project: Decarbonizing Existing Single-Family Homes
- 9:25 am** Panel I: On-The-Ground Experiences with Decarbonizing Homes
- 10:15 am** Panel Q&A
- 10:35 am** Break
- 10:45 am** Equity Considerations for Jurisdictions in Supporting All-Electric Homes
- 11:00 am** Panel II: Building Support for City Policies and Decarbonizing Homes
- 11:30 am** Panel Q&A
- 11:50 am** Closing Comments

What is included in building decarbonization?



Systems Mapping Project: Decarbonizing Existing Single-Family Homes



Susan Wright

Sustainability Program Manager,
County of San Mateo Office of Sustainability

Panel I: On-The-Ground Experiences with Decarbonizing Homes



Tom Kabat

Decarbonization Consultant



Josie Gaillard

Decarbonization Consultant

Panel I: On-The-Ground Experiences with Decarbonizing Homes

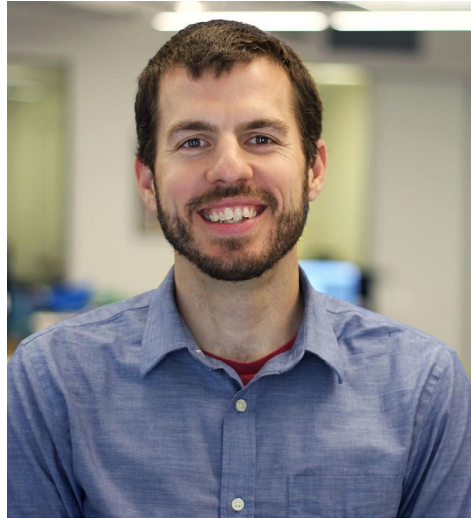


Katharine Wolf
Homeowner



Leyla Ozgur Alhassen
Homeowner

Panel I: On-The-Ground Experiences with Decarbonizing Homes



Doug Fowler

Senior Project Manager,
Habitat for Humanity Greater San Francisco

Q&A

TECH Permitting Pilot Stakeholder Group – September 30th

If you work in a Bay Area building department, Bay Area local government, or are a building professional and have insight into heat pump installation challenges, **TECH wants to hear from you!**

TECH launched this summer as California's flagship heat pump market transformation program

A primary goal is to help address permitting challenges for heat pump water heater installs

TECH's Permit Pilot is launching a Stakeholder Group to:

- 1) Simplify the permitting process for heat pump projects
- 2) Develop & recruit a partner jurisdiction to adopt a single-day permit process for HPWHs
- 3) Train building departments on heat pump best practices

Sign up and request more information:
Email TECH.pilots@energy-solution.com
and include "Permitting Pilot" in the subject line

10-MINUTE BREAK

Equity Considerations for Jurisdictions in Supporting All-Electric Homes



Carmelita Miller
Senior Director, Climate Equity,
The Greenlining Institute

Panel II: Building Support for City Policies and Decarbonizing Homes



Katie Van Dyke

Climate Action Program Manager
& Chief Resilience Officer,
City of Berkeley



Alyssa Dykman

Sustainability Program Manager,
City of Piedmont



Misti Bruceri

Principal,
Misti Bruceri and Associates, LLC

Q&A

Handouts/Resources

- Posted at <https://www.bayrencodes.org/wp-content/uploads/2021/08/BayREN-Q3-2021-Forum-Resources-Handout.pdf>

Enjoy the Event?

Please Complete Our Feedback Survey

- Please check your email and follow the link to our survey:
<https://www.surveymonkey.com/r/BayREN2021Q3RegionalForumSurvey>
- Respondents will be entered into a giveaway for a solar phone charger!



Thank you!

Thank You