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
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
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://bayrencodes.org/events)

- More at [https://www.bayrencodes.org/services/trainings/](https://www.bayrencodes.org/services/trainings/)
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.bayrenepermittool.com/generic#!/
Presentations & Materials

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

- Energy efficiency
- Electrification
- 100% carbon-free energy
- Batteries & resilience
- Building-grid harmonization
- Other factors?
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
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

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