



Local Governments Empowering Our Communities

Improving Energy Efficiency in Existing Residential Buildings

September 18, 2019



Programs

- Single Family Home+
- Bay Area Multifamily Building Enhancement (BAMBE)
- Commercial Pay for Performance
- Water Bill Savings
- Codes and Standards



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

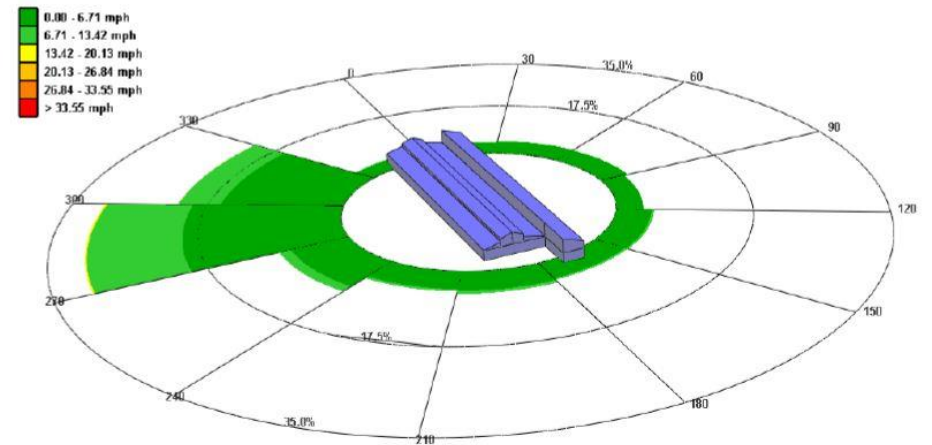
- **Compliance Improvement:** Investigate areas for improvement in code enforcement processes & offer solutions
- **Policy:** Share best practices & develop regional resources for going above code



Codes and Standards

Municipal ZNE Assistance

- **Technical Assistance: No-cost** engineering analysis to help local governments explore what it would take for municipal buildings to become ZNE, or to demonstrate ZNE 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 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#!/>



Codes and Standards

Energy Code Trainings

- Free, in-person, on demand, short & long versions, ICC CEUs
- Topics include:
 - Heat Pump Water Heaters
 - Residential ZNE for New Construction
 - HERS Registry
 - Residential Forms & Permit Submittals for Additions
 - And more, including non-residential topics

NEW!



<https://www.bayrencodes.org/services/trainings/>

BAAQMD Technology
Implementation
Office Grant
Announcement

Presentations & Materials

All presentations & materials will be emailed to you and available on the <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

8:30am – 9:00am

Continental Breakfast & Networking

9:00am – 9:10am

Welcome & Introductions

Deborah Elliott, BayREN Representative, County of Napa

9:10am – 9:15am

BAAQMD Technology Implementation Office Grant Announcement

Chad White, Bay Area Air Quality Management District

9:15am – 9:30am

Energy Efficiency and Existing Residential Buildings: Why Does It Matter?

Karen Kristiansson, Metropolitan Transportation Commission

9:30am – 9:55am

City of Carlsbad: Climate Action Plan – Energy Efficiency Ordinances

Mike Grim, City of Carlsbad

9:55am – 10:15am

City of San Jose: Energy & Water Building Performance Ordinance

Ariel Carpenter, City of San Jose

10:15am – 10:30am

Break

10:30am – 10:50am

City of Davis: Resale Program

Greg Mahoney, City of Davis

10:50am – 11:10am

Energy Efficiency Incentive Programs, Impacts & Challenges

Candis Mary- Dauphin, StopWaste

11:10am – 11:30am

Energy Efficiency Programs Looking Forward

Merrian Borgeson, NRDC

11:30am – 11:55am

Panel Discussion

Moderator: Deborah Elliott | Panelists: All Other Guest Speakers

11:55am – 12:00pm

Closing Comments

Deborah Elliott, BayREN Representative, County of Napa

Presenters

Merrian Borgeson
NRDC



Ariel Carpenter
City of San Jose



Mike Grim
City of Carlsbad



Karen Kristiansson
MTC/ABAG



Greg Mahoney
City of Davis



Candis Mary-Dauphin
StopWaste