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
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.
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.bayrenepermittool.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

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
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

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