You Can't Manage What You Don't Measure: Benchmarking and Labeling Tools for Energy Efficiency

June 11, 2020
Zoom Meeting How To’s

- Video camera not needed.
- Please use the chat feature to interact with panelist 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 in middle of tool bar

- Raise hand button in middle of tool bar
Local Governments Empowering Our Communities

Building Government Capacity
- Training
- Policy
- Code Compliance
- Financing

Reducing Carbon Emissions
- Save Water
- Resiliency
- Electric Vehicles
- Reduce Energy Use

Promoting Healthy & Energy Efficient Buildings
- Zero Net Energy
- Public Buildings
- Single Family & Multi-family
- Small & Medium Business
- Economic Development
- Jobs

BAYREN
BayREN County Reps

Emily Alvarez
StopWaste
Alameda County
ealvarez@stopwaste.org

Jennifer West
StopWaste
Alameda County
jwest@stopwaste.org

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

Kellen Dammann
Marin County
kdammann@marincounty.org

Alice Zanmiller
Marin County
azanmiller@marincounty.org

Deborah Elliott
Napa County
deborah.elliott@countyofnapa.org

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

Denise Lin
San Mateo County
dlin@smcgov.org

Tonya Veitch
Santa Clara County
tonya.veitch@ceo.sccgov.org

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

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

Karen Kristiansson
ABAG/MTC
BayREN
kkristiansson@bayareametro.gov
Programs

- Single Family Home+
- Green Labeling
- 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

Energy Code Trainings

- **Free live online** trainings providing ICC CEUs
- Scheduled sessions ([bayrencodes.org/events](https://bayrencodes.org/events))
  - June 16: Non-Residential TIs and Alterations
  - June 17: Residential Zero Net Energy for New Construction
  - June 23: Home Energy Rating System (HERS) Registry
- **On-demand** Heat Pump Water Heater training now available
- Additional trainings can be scheduled upon request
  
  [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.
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 and available at 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

9:00 am  Welcome & Introductions
Emily Alvarez, BayREN Representative, Alameda County

Part I: Introduction to Benchmarking & Green Labeling
9:15 am  California State Benchmarking Program and AB 802
Eugene Lee, California Energy Commission

9:35 am  Multifamily Benchmarking: Lessons Learned & Opportunities
Ben Cooper, StopWaste

9:55 am  Part I: Q&A with Speakers

10:05 am  Introduction to BayREN Energy Target and Benchmark Tool
Barry Hooper, San Francisco Department of the Environment

10:10 am  Poll and Break

Part II: Benchmarking & Labeling at the Local Level
10:20 am  Panel - Local Implementation: "Going Above and Beyond"
Adrienne Etherton, City of Brisbane
Ammon Reagan, City of Berkeley
Barry Hooper, San Francisco Department of the Environment

11:10 am  Benchmarking Reality Check: A Private Sector Perspective
Zachary Brown, CBRE Property Management

11:25 am  Part II: Q&A with Speakers
Moderator: Ben Cooper, StopWaste

11:55 AM  Closing Comments
Emily Alvarez, BayREN Representative, Alameda County