



Local Governments Empowering Our Communities

BayREN Regional Forum

The Confluence of Water, Energy, and Climate

March 21, 2024



Programs

- Single Family Home+
- Green Labeling
- Bay Area Multifamily Building Enhancements (BAMBE)
- BayREN Business
- BayREN Refrigeration Replacement (BRRR) **NEW!**
- Water Upgrades \$ave
- Climate Careers **NEW!**
- Public Sector Programs:
 - Integrated Energy Services **NEW!**
 - Targeted Decarbonization Services **NEW!**
- Codes and Standards

www.bayren.org



Codes and Standards

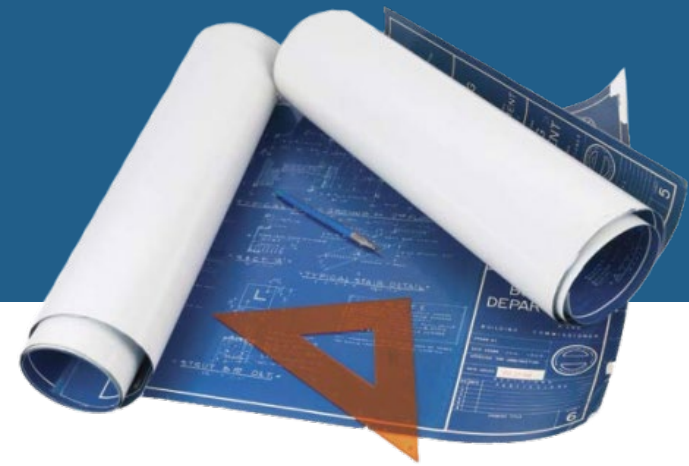
Joint effort of Bay Area local governments to support the development and implementation of tools, best practices, trainings, and policies for accelerating compliance with, and exceeding, California Title 24, Part 6.

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 in-person or live online** trainings on Energy Code Compliance
 - 60-90 minutes in length; can be scheduled for staff meetings
 - ICC CEUs for building department staff
- **On-demand** *Heat Pump HVAC* and *Heat Pump Water Heater* trainings now available
- Scheduled sessions can be viewed at <https://www.bayren.org/events-training>

Codes and Standards

Online resources include:

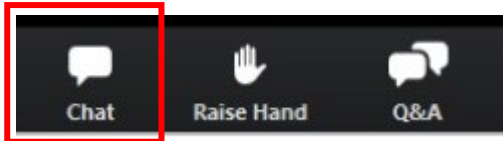
- On-demand trainings for building departments on:
 - Heat Pump HVAC Systems
 - Heat Pump Water Heaters
- Heat Pump Water Heater code assistance sheet
- Electrical Load Estimator
- Permit guides for applicants on common projects like window replacements and re-roofing
- Slides and recordings from all Regional Forums

Zoom Meeting How To's

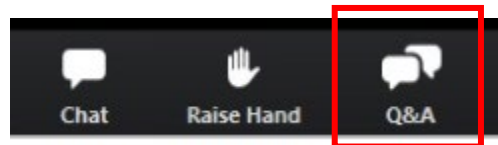
- Video camera not needed.
- Please use the chat feature to interact with panelists and other participants.
- Please use Q&A function or raise hand function if you have a question or comment.
- We will break for questions at the end of each session.

Zoom Meeting How To's

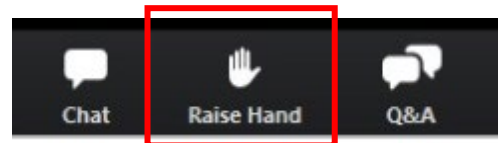
- Chat in lower left-hand corner



- Q&A button at right side of tool bar



- Raise hand button in middle of tool bar



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).

Policy on AI Attendees

BayREN is in the process of developing a policy on the use of Artificial Intelligence (AI) services during our events. Until that policy is in place, AI services are prohibited. Please do not use any AI services during today's Forum.

This Forum is being recorded, and the slides and recordings will be available on our website in about a week.

Presentations & Materials

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

Meeting Agenda

9:00 am Introduction to BayREN Forum

9:20 am Setting the Stage

- Introduction to Water, Energy and Climate Connections in California
- Overview of Water Utility Types and the BayREN Water Upgrades Save Program

10:00 am Q&A

10:20 am 10 min. Break

10:30 am What Local Governments Can Do

- Energy and Water Building Performance Benchmarking in San Jose + Q&A
- San Francisco Water Conservation Program
- Water-energy Reach Code Options

11:35 am Q&A

11:55 am Closing Remarks

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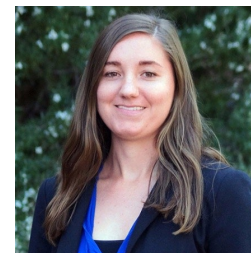
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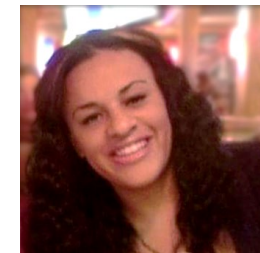
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Context



Setting the Stage

Introduction to Water, Energy and Climate Connections in California



Heather Cooley

Director of Research
Pacific Institute

Setting the Stage

Overview of Water Utility Types and the BayREN Water Upgrades Save Program



Chris Cone

Program Manager

BayREN Water Upgrades Save

Q&A

Announcement

Heat Pump Water Heater Training for Plumbing Contractors

Event will cover:

- Understanding single family & multi-family options
- Differentiating between 120v and 240v applications
- Installation essentials
- Effective servicing for long term performance
- Incentives ... and more!

Tuesday April 2, 3:30-5:30pm in Oakland

More information and registration at bayren.org and [here](#)



Break
10 min

What Local Governments Can Do

Energy and Water Building Performance Benchmarking in San Jose



Jenna Neustaetter

Associate Environmental Services Specialist
City of San José Environmental Services

Q&A

What Local Governments Can Do

San Francisco Water Conservation Program



Julie Ortiz

Water Conservation Manager
San Francisco Public Utilities Commission

What Local Governments Can Do

Energy Plus Water Reach Codes Opportunities



Steffi Becking

Associate Director

2050 Partners

Q&A

Resources

- Slides will be posted at www.bayren.org/events/confluence-water-energy-and-climate-2024-03-21

Enjoy the Event (or Not)?

Please Complete Our Feedback Survey

- Please check your email and follow the link to our survey:
<https://forms.gle/yXKZUQky1dxqRPfF9>
- Respondents will be entered into a giveaway for a solar phone charger!



Thank you!

