Local Mandatory Solar Ordinance as a Pathway for New Residential ZNE Construction

Bay Area Metro Center | San Francisco, CA June 27, 2017







BayREN (Bay Area Regional Energy Network)



- Comprised of public agencies representing all nine counties in the Bay Area
- Draws on the expertise, experience, and proven track record of local agencies and their staff
- One of only two regional energy networks in California
- Funding provided by the California Public Utilities Commission (CPUC)



Programs

- Single Family Home Upgrade Program
- Bay Area Multifamily Building Enhancement Program
- Financing
 - Pay-as-You-Save Water Efficiency
 - Commercial PACE
- Codes and Standards





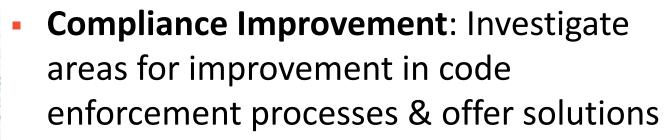
Codes and Standards

 A 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, Energy Code



Codes and Standards







 Training: Provide support for building industry representatives at no-cost to better implement energy code



Policy: Share best practices & develop regional resources for going above code



ZNE Services and Resources

ZNE Introductory Training (60-90 min)

This intermediate-level course will introduce ZNE fundamentals and practices that are the basis of ZNE projects

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, and enable jurisdictions to value and monitor ZNE goals from project design to end construction

Technical Assistance

No-cost engineering analysis to afford local governments with the necessary ground-work analysis to understand cost-effectiveness of ZNE in municipal building types and demonstrate ZNE policy feasibility for municipal building portfolios.



Introductions & Expectations

- Who's here today?
- What are your expectations for the forum?



Today's Agenda

Start Time	Agenda Item
8:30 a.m.	Continental Breakfast & Networking
9:00 a.m.	Welcome & Introductions
9:15 a.m.	Breakout Session: Introductions and Expectations for Today's Forum
9:25 a.m.	Keynote Presentation: Model Solar Ordinance
9:55 a.m.	Case Studies: City of Fremont and City of San Mateo
10:35 a.m.	Ordinance Toolkit & Add-ons
11:00 a.m.	Coffee Break
11:10 a.m.	Incentivizing Solar for Homeowners and Residential Developers
11:30 a.m.	Panel Session:
	Expediting ZNE Buildings through Solar Ordinances and Incentives
11:55 a.m.	Closing Statements



Today's Goals

 Learn about the CEC's model solar ordinance for new residential construction

 Ask policy leaders and local governments questions about residential solar and reach codes

 Network with local government staff from <u>30</u> mostly Bay Area neighboring jurisdictions



BAY Regional Energy AREA Network

Today's Speakers



Rachel DiFranco Sustainability Manager, City of Fremont



Amy Dryden,
Director, Policy and Technical
Innovation
Build It Green



Kathy KleinbaumDeputy City Manager,
City of San Mateo



Yvette DiCarlo
Advanced Projects Advisor,
Bay Area Air Quality
Management District



Rachel Golden Senior Campaign Representative Sierra Club



Christina Armor
Business Council on Climate
Change



Jessie Denver
Energy Program Manager,
San Francisco
Department of the Environment



Presentations & Materials

All presentations & materials will be emailed to you and available on the https://www.bayrencodes.org/events