

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

Bay Area Metro Center | San Francisco, CA

June 27, 2017

BAY Regional
AREA Energy
Network

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



- **Compliance Improvement:** Investigate areas for improvement in code enforcement processes & offer solutions



- **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 30 mostly Bay Area neighboring jurisdictions



Today's Speakers



Rachel DiFranco
Sustainability Manager,
City of Fremont



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



Kathy Kleinbaum
Deputy City Manager,
City of San Mateo



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



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

Presentations & Materials

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