

2016 CALGreen Residential Measures: Changes and Opportunities

California State University, East Bay Oakland Center
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WIFI Network: Oakland Center Password: lakearm58boatdeep



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 achieve full compliance with provisions of the California Energy Code
- A locally driven effort to reduce energy use in buildings through improved design and construction

Codes and Standards



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



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



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

Training Offerings

BayREN offers 9 different courses covering residential and nonresidential 2016 energy code compliance and enforcement.

- Residential New Construction
- Residential Forms and Permit Submittals for Additions
- Residential Envelope Compliance
- Residential HERS Registry Training for Building Departments
- Nonresidential New Construction
- Nonresidential Fenestration Compliance
- Nonresidential Mechanical Compliance
- Nonresidential Lighting Compliance
- Nonresidential Tenant Improvements and Alterations

Course Descriptions: <https://www.bayren.org/codes/trainings>

Upcoming Forum

Topic	Date
November Regional Forum: Zero Energy Buildings for Local Governments	Wednesday, November 16 9:00 a.m. – 3:00 p.m.

In partnership with the New Building Institute (NBI), BayREN will host the fourth Regional Forum at the David Brower Center in Berkeley with online access available. The forum will be followed by an optional tour of a ZNE building from 3:00 p.m. – 5:00 p.m.

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C&S Impacts

- **Training: 158** Energy Code Trainings with strategies for enhancing compliance
 - 670 attending building department staff and building professionals
- **Compliance Improvement: 24** engaged building dept.
 - Resources to promote a greater understanding of the 2013 energy code
 - Best practices to implement the energy code and navigate requirements with maximum efficiency
- **Policy: 15** regional forums to engage stakeholders
 - Over 600 attending local government staff, policy leaders, and local building professionals

Today's Goals

- **Learn** about 2016 CALGreen requirements for residential buildings and how they effect you
- **Get inspired** – standards improve public health, safety, and general welfare by enhancing the design and construction through building concepts that provide highest levels of energy efficiency, resource conservation and social responsibility
- **Interact** – meet your colleagues and resource providers and ask questions!

Today's Agenda

Start Time	Agenda Item
8:30 a.m.	Breakfast and Networking
9:00 a.m.	Welcome and Introductions Deborah Elliott, BayREN Representative for the County of Napa Edgar Ventura, BayREN C&S Program Consultant
9:15 a.m.	Green Building Code Priorities and Policy: An Elected Official's Perspective Jeff Aalfs, Mayor of Portola Valley
9:45 a.m.	Updates to the 2016 CALGreen Code Emily Withers, C&S Administrator for the California Department of Housing and Community Development
10:15 a.m.	Break and Networking
10:45 a.m.	Beyond CalGreen and Beyond LEED: Developing Healthy and ZNE Residential Projects in Napa County Bob Massaro, CEO for Healthy Buildings
11:15 a.m.	2015 Update to the California Model Water Efficient Landscape Ordinance Michelle Koo, Landscape Architect with the City of Hayward Kelly Schoonmaker, Program Manager with StopWaste
11:45 a.m.	Wrap-Up and Public Comment Period Edgar Ventura, BayREN C&S Program Consultant

Presentations & Materials

All presentations & materials can be downloaded following today's forum:

www.bayren.org/codes/regional-forums