

# Welcome to the BayREN June Forum

## Policy and Implementation: Improving Energy Code Compliance for Small Cities

Hosted by: City of Suisun City (Solano Co.)



**June 16, 2015**  
**County of Solano Government Center**  
**First Floor Conference Room**  
**Fairfield, CA.**

**BAY** Regional  
**AREA** Energy  
Network

# BayREN

(Bay Area Regional Energy Network)



- BayREN is made up of public agencies representing all nine counties in the Bay Area
- One of only two regional energy networks in California
- 20% of the state's population
- 50% population within Pacific Gas and Electric Company service territory
- Draws on the expertise, experience, and proven track record of local agencies and their staff

## BayREN Impacts

BayREN creates meaningful impact across the Bay Area:

- Energy Savings
  - Economic Stimulus
  - Job Creation
  - Enhanced Community Engagement
  - Environmental Policy Advancement
- 
- 2013-14 Funding: **\$22.7 million**
  - 2015 Funding: **\$12.8 million**



## Programs



- ❖ **Single Family Retrofit**
- ❖ **Multifamily Retrofit & Financing**
- ❖ **Energy Codes and Standards**
- ❖ **Pay-as-You-Save (PAYS)**
- ❖ **Commercial Pace Outreach**

# Single Family Program Offering

BayREN's program:

- Provides homeowners who install energy-efficient home improvements **\$1,000–\$3,150** in rebates and incentives
- Recruits, trains and qualifies Specialty Contractors for program participation
- Provides regional and local marketing, education and outreach activities for customers and contractors
- Offers a Home Upgrade Advisor for free one-to-one assistance for homeowners and contractors



**247,468** kWh (electricity)  
**65,105** therms (natural gas)



**516**  
metric tons of CO2 conserved -  
same emissions created by driving  
a passenger car around the globe  
almost 50 times



**\$9.5 million**  
In total projects



**\$2.2 million**  
Paid or reserved  
incentives



**\$1.1 million**  
Estimated contractor  
wages generated



**35,104**  
Total Home Upgrade  
Project worker hours

# Multifamily Program Offering

BayREN offers cash rebates and free energy consulting for multifamily properties with five or more attached dwelling units that make energy upgrades.

- Offers rebates of **\$750** per unit for multifamily building upgrades
- Offers comprehensive technical assistance to multifamily property owners to identify and prioritize energy upgrades and qualify for rebates



**3,400,000** kWh (electricity)  
**260,000** therms (natural gas)



**3,670**  
metric tons of CO2 conserved  
same emissions created by 773  
passenger cars or 3.9 million pounds of  
coal burned



**8,340** Total Units Completed (exceeded program goals by more than 200%)

**16%** Average Estimated Savings

Average Estimated Savings Per Completed Unit: **406 kWh + 31 Therms**

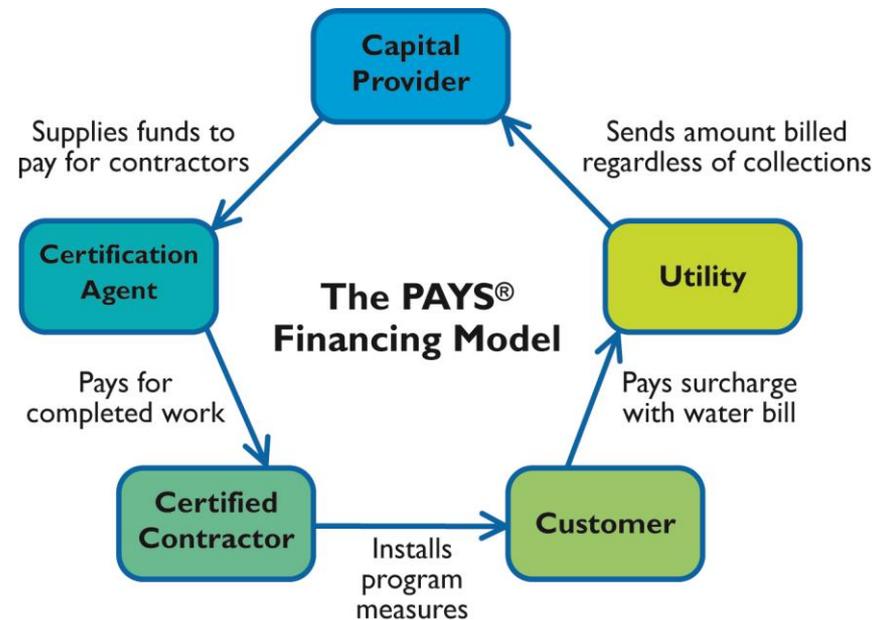
Total Rebates received by property owners = **\$6.2 million**

# PAYS Program Offering

## What is it?

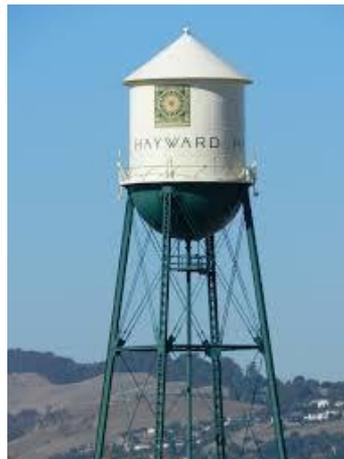
A system of contracts between implementers of resource efficiency programs that:

- **Enables utility customers** to purchase and install money saving water- and energy-based technologies with no up-front cost through a surcharge on the customer's utility bill
- **Increases program effectiveness** to meet or exceed utility energy and climate goals
- **Allows a utility to shift rebate funds** to more strategic purposes



## BayREN Water Utility Partners

- Town of Windsor – Expansion of pilot to commercial landscaping
- City of Hayward – focus on multifamily properties, with goal of 2,000 units
- EBMUD – Project design for multifamily pilot
- SFPUC – potential partner



# Commercial PACE Program Offering

- Court validations for Bay Area Counties
- Developing trainings for contractors
- Promotional activities and materials



# Codes and Standards

## Purpose

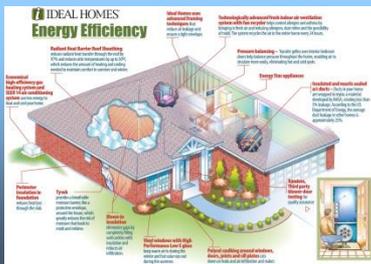
- Provide support for cities and counties to better implement energy codes
- Maximize energy savings in new buildings
- Advocacy for new energy policy and legislation
- Code compliance process evaluations in **15** jurisdictions through the Permit Resource Opportunity Program (PROP)
- Share best practices and develop resources
  - Offers targeted permit guides & policy resources
  - Offers **FREE** training for local governments and building professionals on code compliance and enforcement
  - **351** attendees across **7** regional forums
  - Exceeded energy code training goal by **42%**



# Regional Forums

Organizing regional leaders to combat major energy issues in the Bay area.

<u>Date</u>	<u>County</u>	<u>Topic</u>
Feb. 24 <sup>th</sup>	Alameda	Energy & Green Building Policy
April 21 <sup>st</sup>	San Mateo	Best Practices, Recommendations and Future Considerations in Energy Code Compliance
June 16 <sup>th</sup>	Solano	Policy and Implementation: Improving Energy Code Compliance for Small Cities
Aug. 19 <sup>th</sup>	Santa Clara	Engaging Various Stakeholders
Oct. 21 <sup>st</sup>	San Francisco	TBD
Dec. 9 <sup>th</sup>	Marin	TBD



# Today's Agenda

- 9:30 – 9:45**      **Welcome and Introductions**
- 9:45- 10:00**      **Existing Buildings Energy Efficiency Action Plan (AB 758)**
- 10:00 – 10:45**      **Panel Session:  
Existing Buildings Energy Efficiency Action Plan (AB 758)**
- 10:45 – 11:00**      **Break/Networking**
- 11:00 – 11:25**      **Presentation: Bay Area Regional Plan Check Program**
- 11:25 – 12:25**      **Training Session: Coordinating Plan Check with Field  
Inspection for Residential New Construction**
- 12:25 – 12:30**      **Closing Remarks**

**All presentations & materials can be  
downloaded following the meeting at:  
[www.bayren.org/codes/regional-forums](http://www.bayren.org/codes/regional-forums)**