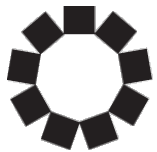


BayREN: Regional Collaboration Around the Bay

City and County of San Francisco
Energy Efficiency Coordinating Committee
June 20, 2016



**Association of
Bay Area Governments**

**BAY
AREA** Regional
Energy
Network

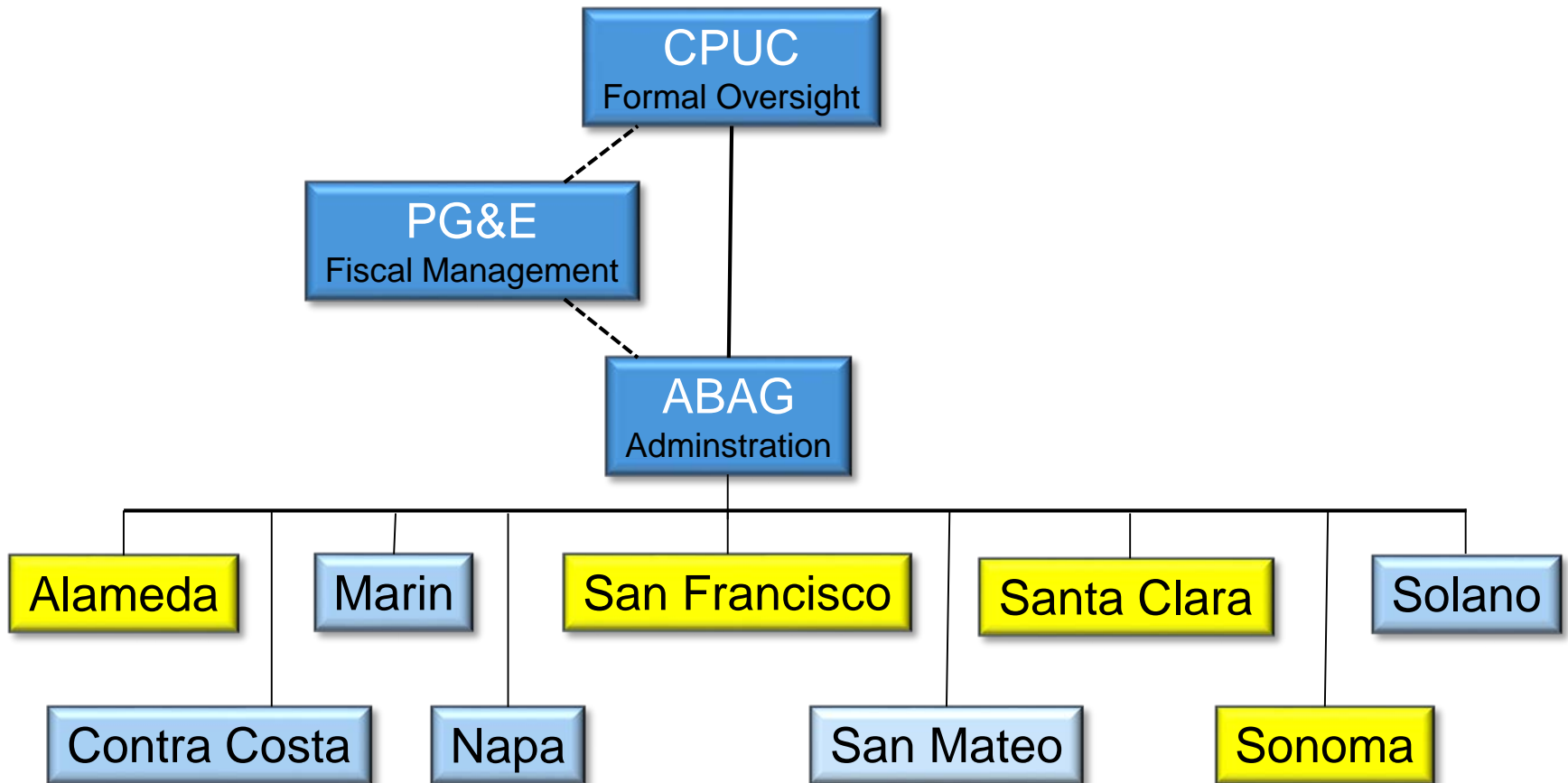
BayREN

(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
- 50% population within Pacific Gas and Electric Company service territory
- Annual Budget of over \$13 million

Organization



BayREN 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
- Since program launch, BayREN has paid over \$6.5 million in rebates to Bay Area home owners



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 (SFE and AEA) to multifamily property owners to identify and prioritize energy upgrades and qualify for rebates
- Have paid over \$12 million in rebates, with a pipeline of \$8 million



Energy Savings

Residential programs

8.35 million kWh (electricity)
781,957 therms (natural gas)



10,014
metric tons of CO₂ conserved -
same emissions created by 2,116 passenger cars
and over 10.6 million pounds of burned coal

Codes and Standards

Purpose

- **Compliance Improvement** – Support with tools and information regarding the Energy Code
 - Best practices checklists and permit guides
 - Energy Code Services Feasibility Study - local interest in electronic resources/plan check services
- **Energy Code Trainings** – Provide locally relevant aspects of energy code updates
 - 30 in-person trainings planned for 2016
 - Continuing Education Provider (ICCP)PP)
 - Update curriculum as Code changes
- **Policy** – Stakeholder engagement and assistance
 - Regional forums targeting CBO, CEC, CPUC, stakeholders
 - Local forums and professional meetings (electeds, code advisory committees, etc.)
 - Home Energy Score Assessments – support to assessors
 - Reach Code Policy/policy support (i.e. ZNE; Benchmarking)



Pay-As-You-Save (PAYS)

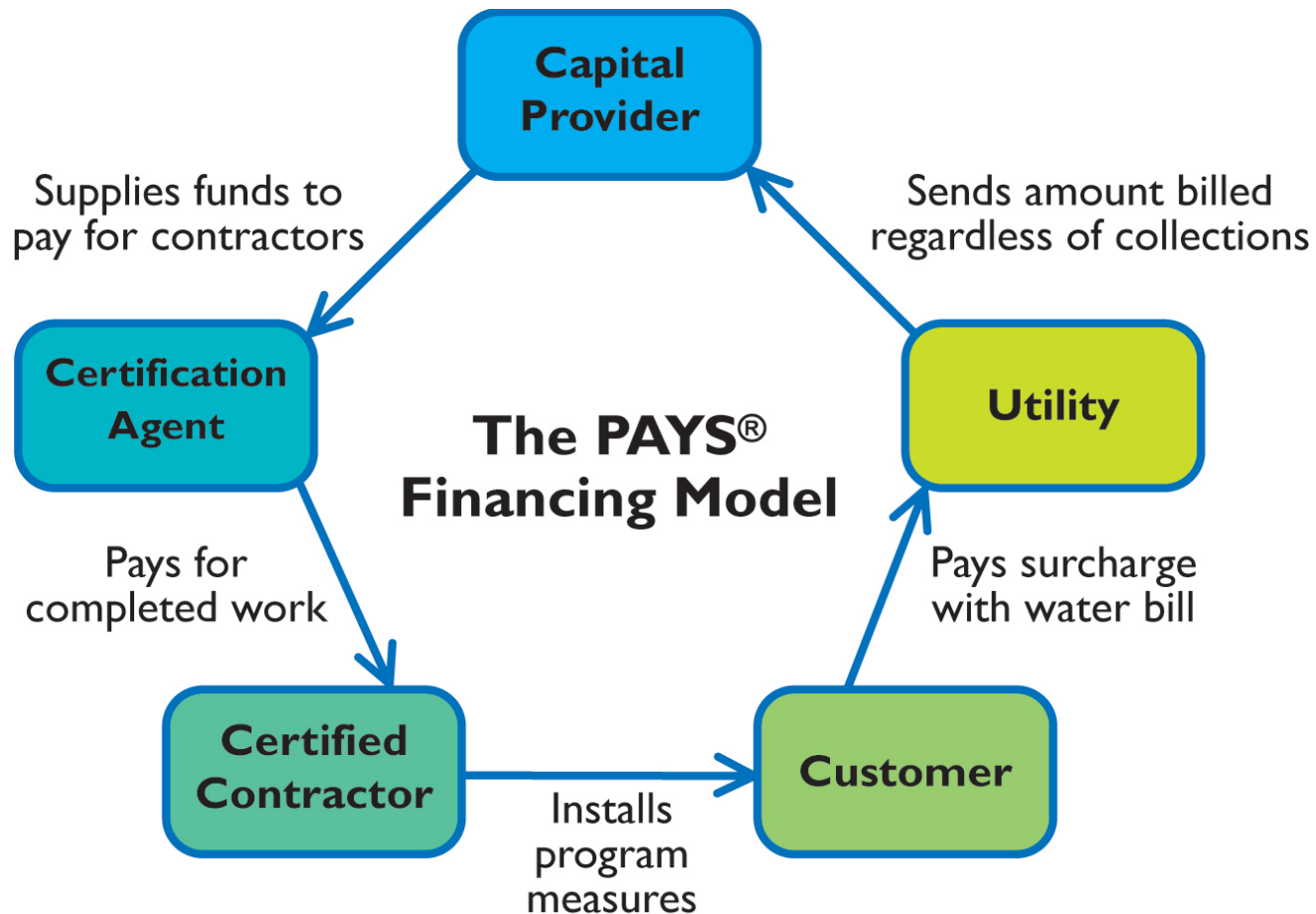
Program Offering

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

Pay-As-You-Save (PAYS) Program Delivery



Commercial PACE Program Offering

- Trainings for contractors
- Promotional activities and materials
- Ongoing Project Support
- Created a PACE website by and for local governments
- Regional Collaborative Services Agreement (ABAG and SFE)
 - Ensure consistent implementation of best practices
 - Data disclosure to LGs
 - Information about local energy efficiency programs



Looking Forward...

- Rolling Portfolio – Business Plans
 - SFE Led S/ME program
 - ZNE work
- Diversify Funding Sources
 - DOE Award - Integrated Commercial Retrofits
 - Large-scale building energy modeling
 - Allows incentive programs to address deep “whole building” savings opportunities
 - Empower industry with data to deliver targeted services and products
- Expansion of PAYS– Working on JPA model
- Coordination with other ABAG efforts, i.e. Resiliency Group

Contact Information

Jenny Berg

BayREN Senior Project Manager

JennyB@abag.ca.gov

415-820-7947

Jerry Lahr

Energy Programs Manager

JerryL@abag.ca.gov

415-820-7908