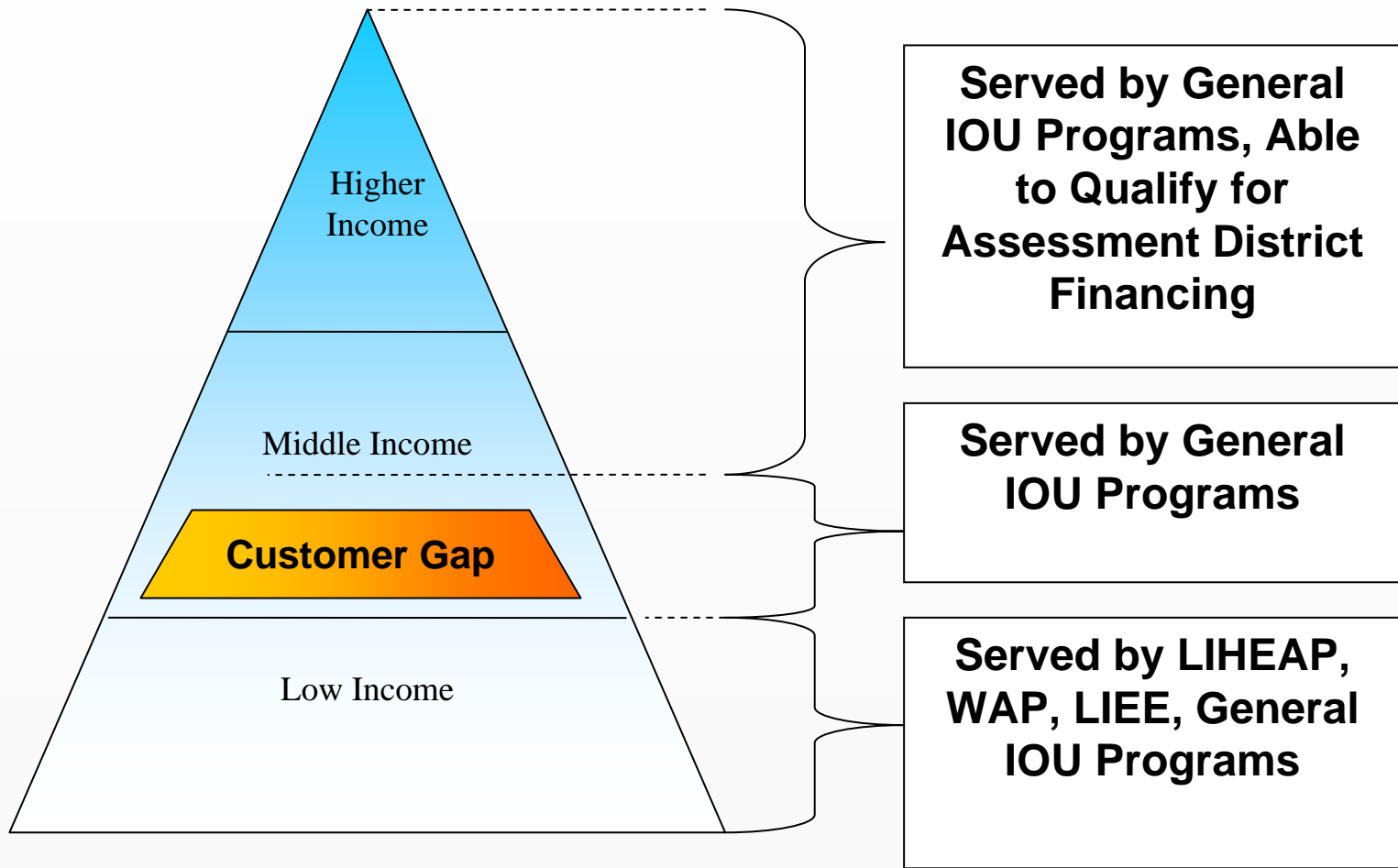


Moderate Income Weatherization Efficiency Program (MIWEP)

A test bed for coordinated interagency
implementation of the “Whole Neighborhood
Approach”

Michael Wheeler
CPUC Lead Analyst, Residential Sector EE Programs

Identifying Customer Needs



MIWEP Objectives

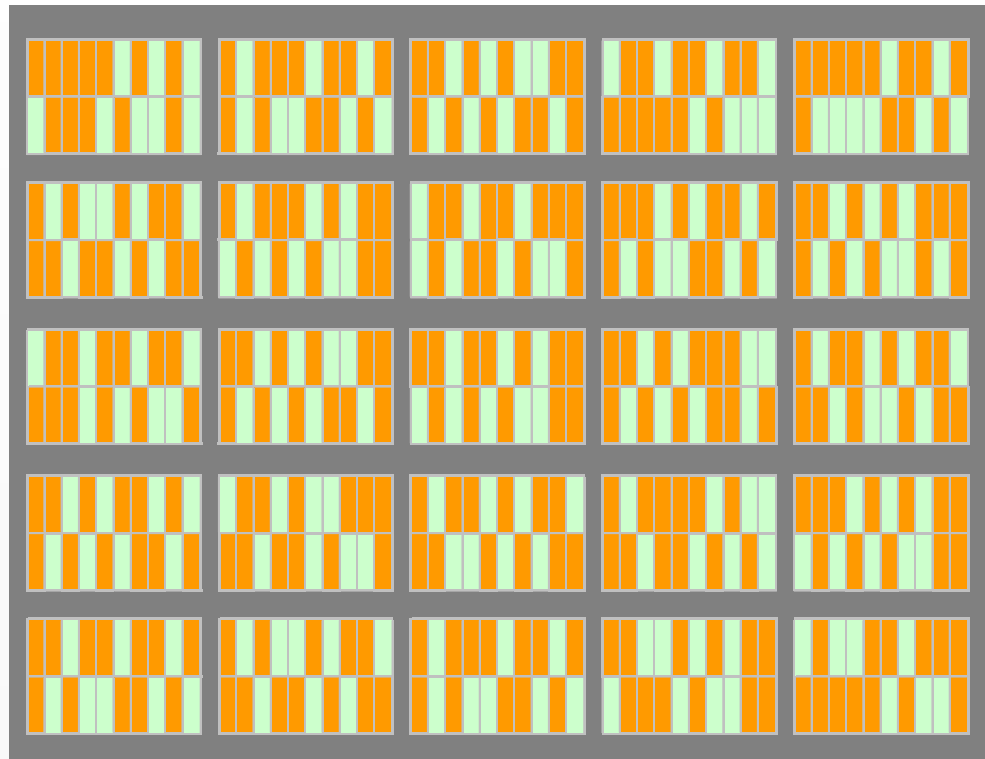
- 1. Implement integration efforts between existing low income home energy efficiency and weatherization programs**
- 2. Implement a “whole neighborhood approach” to recruitment of participants**
- 3. Expand program service delivery to households with incomes too high to qualify for low income programs but too low to make major energy efficiency improvements without assistance**
- 4. Achieve a higher level of energy efficiency (deeper energy savings) in participating homes**

MIWEP's use of the Whole Neighborhood Approach

**500 Household
Neighborhood:**

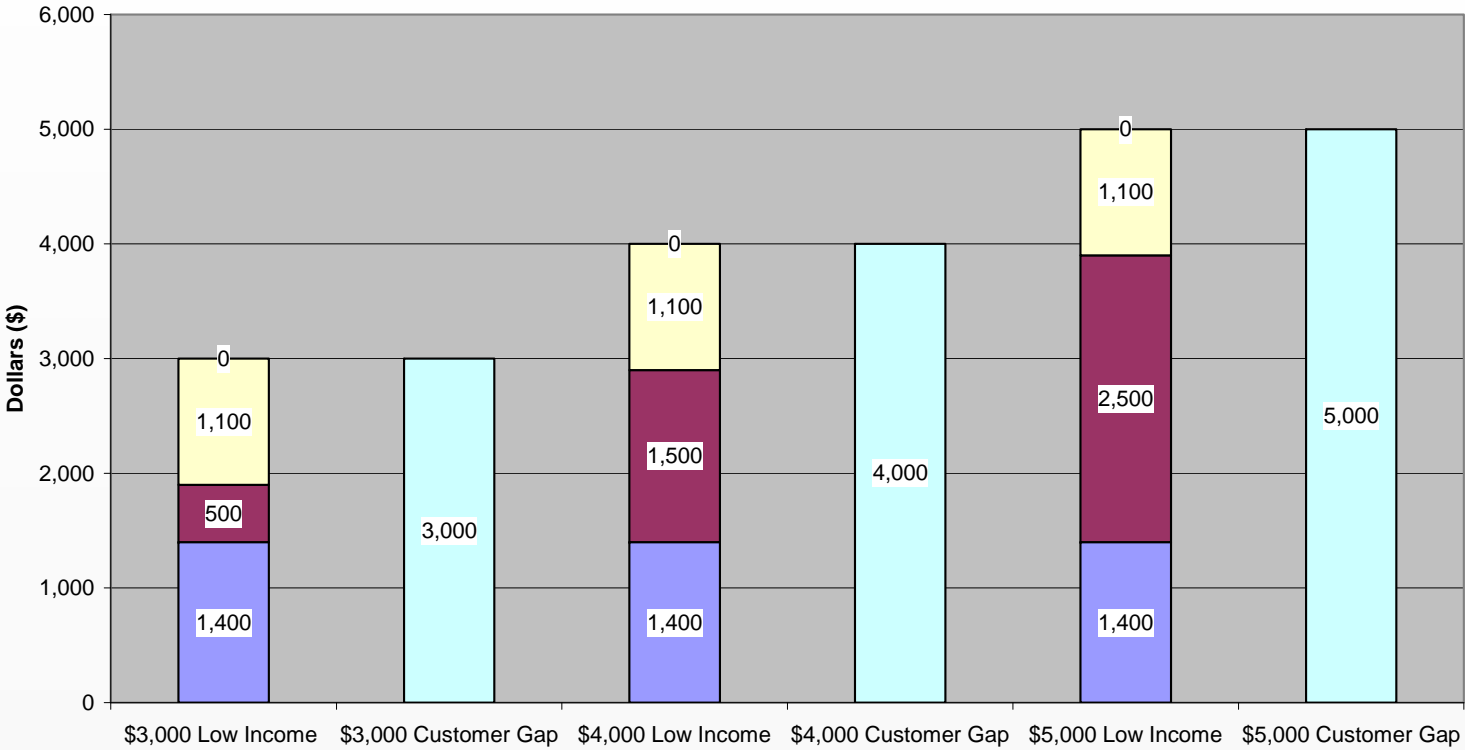
**•60% Low Income
Qualified (300 orange
homes)**

**•40% Non-qualifying
(200 green homes)**



Funding Opportunity

MIWEP Funding Opportunity



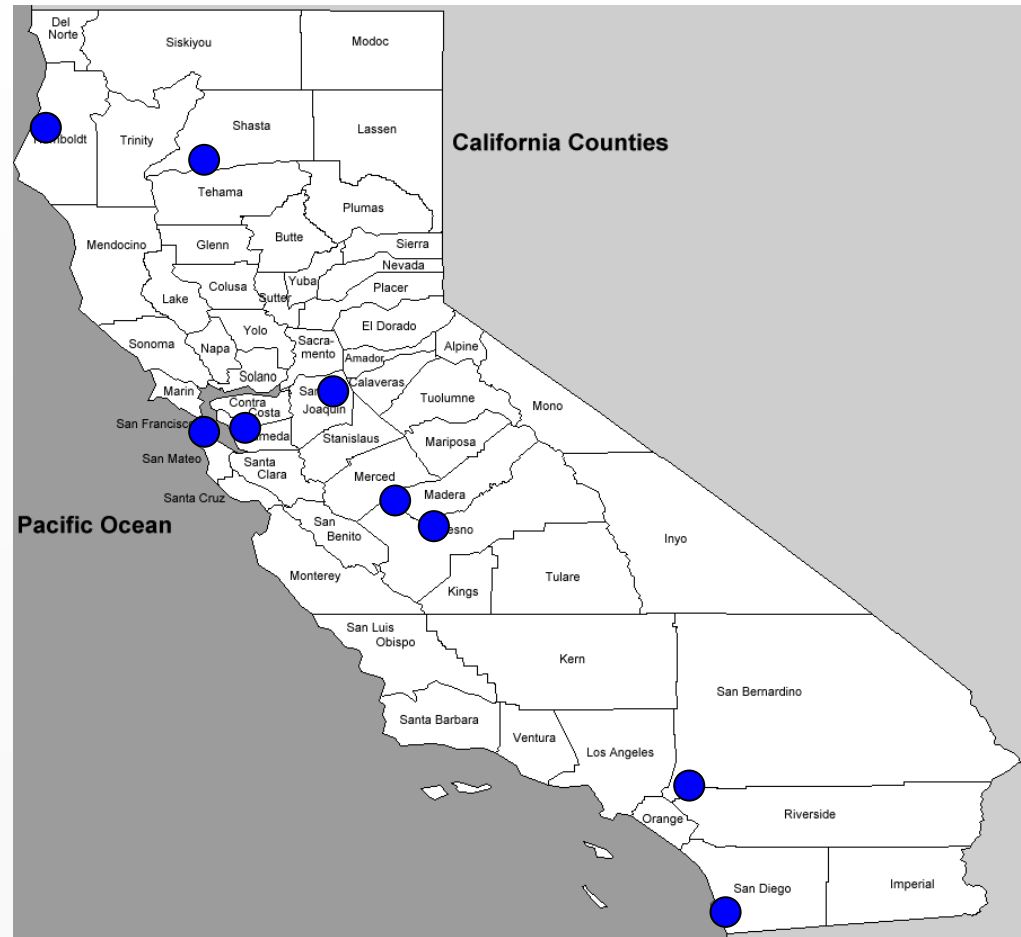
Cost/HH, Funding Sources by Income Group



Statewide Pilot Implementation

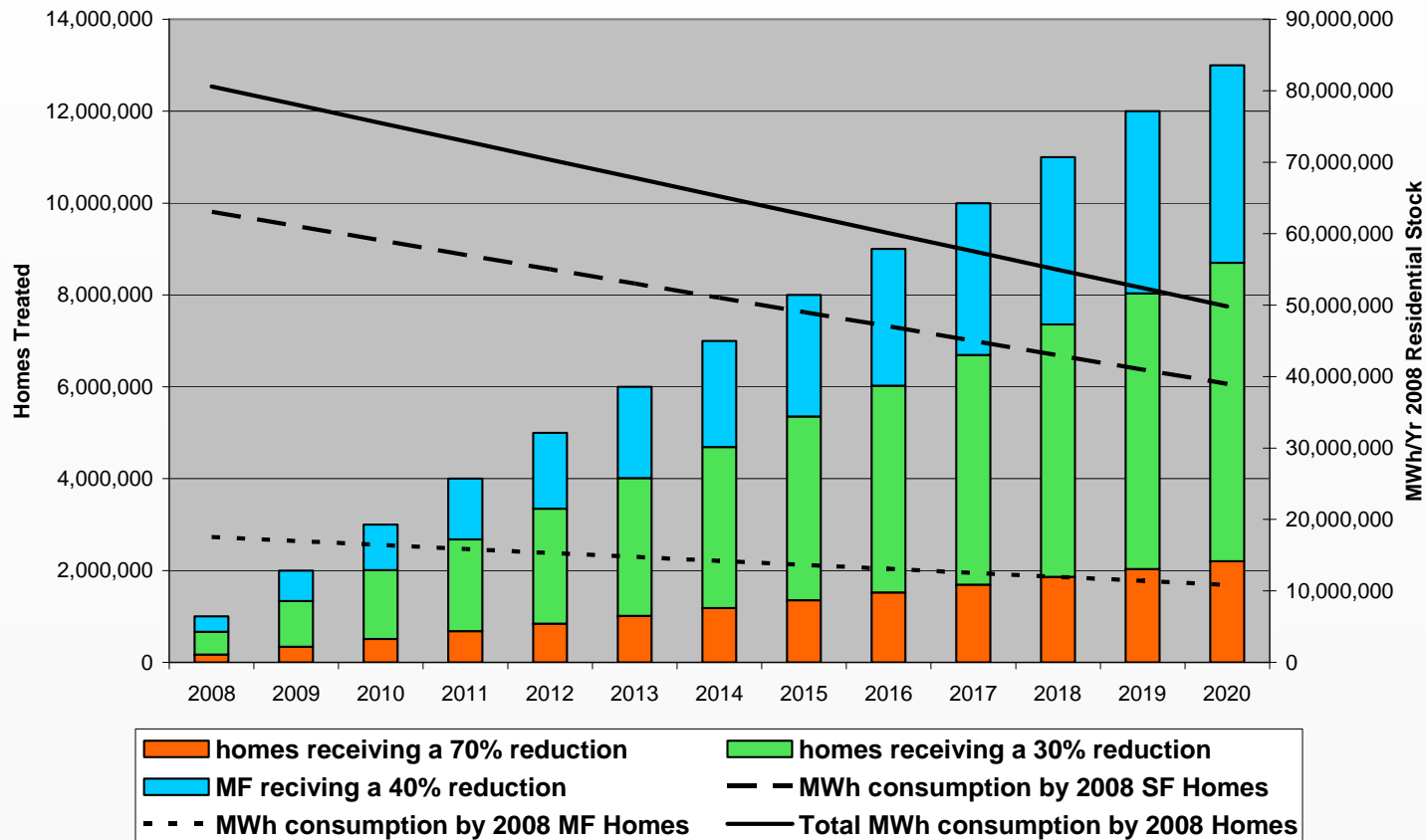
Candidate communities may include:

- **Eureka**
- **Redding**
- **Stockton**
- **Oakland**
- **San Francisco**
- **Fresno**
- **Visalia**
- **San Bernardino**
- **San Diego**



Residential Challenges and Opportunities

Quantification of CEESP Targets and Associated Reduction in Energy Consumption



Extra slides

ARRA and CEESP are Aligned

American Recovery and Reinvestment Act (relevant priorities)

- Create or save more than 3.5 million jobs over the next two years;
- Undertake the largest weatherization program in history by modernizing 75 percent of federal building space and more than one million homes;
- Provide a \$43 billion down payment on addressing America's energy challenges

CA Energy Efficiency Strategic Plan Existing Residential Goals

By 2015

- On average, existing homes will have a 20% decrease in purchased energy from 2008 levels

By 2020:

- 25% of existing homes have a 70% decrease in purchased energy from 2008 levels
- 75% of existing homes have a 30% decrease in purchased energy from 2008 levels
- 100% of existing multi-family homes have a 40% decrease in purchased energy from 2008 levels