

A decorative graphic on the left side of the slide, consisting of a vertical black line intersecting a horizontal black line. To the left of the vertical line are three overlapping squares: a blue one at the top, a red one in the middle, and a yellow one at the bottom. The horizontal line extends across the width of the slide.

Statewide Incentive Programs

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Who is the Council?

- Established by MOU in 1991
 - 393 Signatories
 - 14 Best Management Practices (BMPs)
- Promote and Support Urban WUE
- Collaborative Decision Making
 - Group 1 – Urban Water Suppliers
 - Group 2 – Environmental/Community NGOs
 - Group 3 – Academics, Mfgs., Consultants



Water-Energy Connection

- California Statistics
 - 19% of electric energy load
 - 32% of natural gas energy load
 - 95% of energy efficiency goals can be met by water efficiency programs at 58% of cost
- Saving Water ⇒ Saves Energy ⇒ Reduces Greenhouse Gas Emissions



Statewide Programs

- Pre-Rinse Spray Valve (food service)
- Smart Rebates
 - Commercial/Residential HEWs
 - CTCC Retrofit
- Smart from the Start



Council Installed PRSV Program

- CPUC Funded (70%)
 - PGBC from PG&E, So Cal Gas and SDG&E
 - 15 water suppliers participated (30%)
 - Free valve & install to customer
- Phases I and II: 33,600 valves
- 4,600 AFY of water savings
- 9.3 million therms per year



PRSV Results

- Market Transformation
 - PRSV has a 5 year life
 - All valves will be efficient in 4-7 years
- Phase III Concerns
 - Saturation
 - Achieving comparable level of savings
- CEC set standard in 2004 at 1.6 gpm
 - Same standard as Council program
- Federal Standard set in EAct 2005 for same flow rate



Smart Rebates Goals

- Target
 - Small Water Utilities
 - New Council Members
- Economies of Scale
- Estimate 9,600 Rebates with \$2MM
- Proven Residential & Commercial Products
 - Residential HEWs: \$150 – 648 of 1,636
 - Commercial HEWs: \$400 - 1,058 of 1,515
 - CTCC Retrofit: \$1,200





Smart Rebates Challenges

- Existing Programs
- Statewide Marketing Strategies
- Available Funding and Cost Ratios
- Program Longevity
- CTCC Complexity and Geography





Smart from the Start

- New Construction Guidelines for SFR
 - 30% or more savings are possible
 - LEED and other green building programs typically weak on water efficiency
- Baseline for “Smart”
 - WaterSense for Indoor
 - Landscape Model Ordinance for Outdoor
- Builder Participation and Review



Smart from the Start Results

- Water savings measurement for 5 years
- Improved green building standards
- A new BMP?
- “Zero Water” Development



Summary

- Running a “Statewide” Program
- Regulation v. Rebate?
- Identifying/Establishing Partnerships
 - Energy Utilities
 - Wastewater Utilities
- Economics/Timing
- Identifying the “Next” PRSV



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