Navigating the Waters:

Local Government Partnerships working with regional water districts on local water and energy efficiency programs

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Local Government Council Conference
Connecting the Dots: Local Projects that Save Water & Energy

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West Basin Municipal Water District
Who is West Basin?

Municipal water wholesale agency governed by a 5-member publically elected Board

Represents nearly 1 million people in 17 cities across 185 square miles

Provides imported water, recycled water, water efficiency and education programs to businesses and residents
In 2006, West Basin joined forces with a regional joint powers authority known as the South Bay Cities Council of Government (SBCCOG). The resource efficiency “arm” of the SBCCOG is the South Bay Environmental Services Center (SBESC).

West Basin joins partnership in 2006. Since then, Torrance Water joins partnership along with the Los Angeles County Sanitation District, Metropolitan Transportation Authority & the County of Los Angeles.

SBESC modified from “Energy Savings” to “Environmental Services”
Monthly Meetings, cross “pollination” of programs/projects

Leveraging energy efficiency programs & rebates, events & outreach

Consistent regional focus on resource reduction, access to clearing house of information
What have we learned?

- Leveraging Relationships
  - SBESC partnership
  - Energy staff beyond partnerships

- Planning Ahead
  - West Basin budget cycles vs. IOU Program Cycles
Chapter 6 of the West Basin Water Efficiency Master Plan features a Water and Energy Implementation Plan that lays out both short-term and long-term strategies.

The strategy of the **short-term plan** is to select the programs that offer the most potential for water savings as well as ability to demonstrate successful partnership models.

Key elements of the **long-term strategy** are to:

1. Leverage the best opportunity programs for the next two years
2. Demonstrate success from these programs
3. Creating a regional “task force”
4. Develop a regional strategy
5. Obtain CPUC credit for embedded energy savings
6. Designing potential programs for future rate cases
7. Obtaining approval for potential programs
Short Term Plan: Potential Water Energy Programs

Programs analyzed for ease of implementation with the following criteria in mind:

- Water and energy savings
- Partnering opportunities

Table 6.1: Programs Analyzed for Energy Integration

<table>
<thead>
<tr>
<th>Program or Service</th>
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<th>Lead Implementation Agency</th>
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The final cut...

5 programs identified during the planning process

...or was it?

Water and energy utilities are now working together in some collaborative way on 4 additional programs

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**Selected Water Energy Programs**

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Ca$h for Kitchens

Piloted in 2009 through the Metropolitan Water District’s Enhanced Conservation Program

Implemented with SBESC staff

Targeting the commercial food facility sector & offering:

✓ Free water use survey, training for kitchen staff

✓ Free devices to replace inefficient equipment:
  ➢ Pre-Rinse Spray Valves
  ➢ Faucet Flow Restrictors
  ➢ High-Efficiency Waterbrooms
Training the trainer

- Train the Trainer Session
- Collateral Materials to reinforce messaging
- Water use survey and equipment testing
- Distribution of high-efficiency devices
Device Distribution & Rebate Incentives

Eligible equipment identified in water use survey as older or inefficient can be replaced with new free devices:

- Pre-Rinse Spray Valves
- Faucet Flow Restrictors
- High-Efficiency Waterbrooms

Rebates available from both water and energy utilities for:

- Ice Machines
- Connectionless Food Steamers
Phase 2: Just add energy

Both gas and electric have always been part of the information gathering/funneling process.

2011 Gas Company agreed to coordinate the Commercial Service Technician (CST) group with the Cash for Kitchens program.
Charting a successful course

Cooperative relationship with So Cal Gas brings an informed energy presence to the survey to help promote both water and energy best practices.

Visits must be scheduled with enough lead time to ensure CST can attend the site visit.
Where to now...

Merging auditing activities & possible funding opportunities?

Quantification of energy savings from water saved?

Other Local Government Partnerships seeking out partnerships with regional water agencies?

Thank you
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