



Water/Energy Workshop Agenda—Day One

March 20th, 2013

9:00am-4:30pm

9:00 a.m. – 9:15 a.m.

Welcome and Overview

Pete Skala, *Manager, Demand Side Analysis Branch, CPUC*

9:15 – 9:45

Overview of Water/Energy Studies

Amul Sathe, *Managing Consultant, Navigant Consulting*

9:45-11:30

Joint Presentations from IOUs and customers on Water/Energy Efficiency Programs: Part 1

- SoCal Edison: Water/Energy Integrated Audit Pilot Program, Leak/Loss RFP, partnerships with water agencies-- Gary Suzuki, *Program Manager*
 - Elise Goldman, West Basin Municipal Water District
 - Amy McNulty, Irvine Ranch Water District
- SoCalGas: Third party Leak/Loss RFP and partnerships with water agencies --Frank Spasaro, *Program Manager*
 - Bill McDonnell, Metropolitan Water District
 - Elise Goldman, West Basin Municipal Water District

11:30am-12:30pm

Lunch Break

12:30-2

Joint Presentations--Part 2

- PG&E: Overview of water sector programs, agricultural programs and partnerships --Sam Newman, *Senior Program Manager, Water/Energy*
 - Richard Harris, East Bay Municipal Utility District
 - Peter Canessa, CSU Fresno: Agricultural Combined Pump Test/Irrigation System Evaluations
- SDG&E: Innovative partnerships with water agencies and local governments --Greg Lawless, *Program Manager*
 - Lori Swanson, San Diego County Water Authority

2-2:30

Presentation on Demand Response programs in water sector: SoCal Edison

Mark Martinez, *IDSMS Program Manager*

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Water/Energy Workshop Agenda—Day One—Continued

2:30-3

Presentation on SGIP and relevancy to water sector

Ehren Seybert, Energy Division

3- 4:30

“Roundtable” Discussion

Moderators: Meredith Younghein & Neal Reardon, Energy Division

- In which program(s) do you find the most value, and are you planning to continue participating?
- How could “best practices” inform program design for the water sector?
- Did you encounter any surprises when implementing programs?
- What are the barriers to participation (if any) in demand side programs?
 - How are issues different depending on participant? (Water Agency, residential, commercial?)
- Areas for improvement? Gaps in programs? Are there energy savings projects in your operations for which no incentive exists?
- Do you still have unanswered questions about EE, DR or DG programs?



Water/Energy Workshop Agenda—Day Two

March 21st, 2013

9:00am-3:00pm

9:00am-9:15am

Welcome and Introductions

9:15-10:30

Staff Presentation of Proposed Water/Energy Cost-Effectiveness Methodology

Joy Morgenstern and Meredith Younghein, CPUC Energy Division

10:30-11:00

Presentation of Water/Energy End Use Calculator for Pilot Projects

Jeff Hirsch, J. Hirsch & Associates

11:00-Noon

Presentations of potential avoided cost methodologies for Embedded Energy and Water

Ben Haley, Eric Cutter, E3

1:00pm-3pm

Q&A and Staff Led Discussion

- What are your current needs for evaluating water/energy projects/ partnerships?
- How should we calculate the embedded energy in water savings? Is an avoided cost calculation acceptable/appropriate? Is there an alternative?
 - How can we avoid double counting the embedded energy in water in the new combined TRC test?
- What method should be used to value avoided water capacity?
 - What assumptions need to be made regarding future water supplies? Timeframe?
- Are these avoided cost calculations made on a regional basis? What level of granularity is necessary?
- For Energy Efficiency Programs:
 - How do we measure the expected useful lifetime of installed equipment or infrastructure?
 - “Incremental Measure Cost”: how do you determine the incremental cost for large custom/calculated programs/measures, such as infrastructure replacements or process improvements?