

Symposium:
*Improving
the
efficiency
of
California
Water
and
Energy
Systems*

AGENDA

Tuesday March 28, 2006

9:00 - 10:00

REGISTRATION

10:00 - 10:20

OPENING REMARKS

John Bohn, Commissioner, California Public Utilities Commission (CPUC)
Dian Grueneich, Commissioner, CPUC
Joe Desmond, Chairman, California Energy Commission (CEC)
Jackalyne Pfannenstiel, Vice Chair, CEC
John Geesman, Commissioner, CEC
Jerry Johns, Deputy Director, California Department of Water Resources (DWR)
Tim Gage, Vice Chair, Board of Governors, California Independent System Operator (CAISO)

10:20 - 11:05

PANEL 1 - STATEWIDE PERSPECTIVE OF THE RELATIONSHIP BETWEEN WATER AND ENERGY USE

- *On a statewide basis, how much energy is used to convey, treat, and distribute water?*
- *What are the associated energy costs?*
- *What proportion of water utilities' total costs are attributable to energy?*
- *What are the baseline assumptions in the state's Integrated Energy Policy Report?*
- *What are the current knowledge gaps?*
- *How do state policies affect the actions of water utilities with regard to energy usage?*
- *What policies, practices, and incentives can be implemented to support and encourage – or require – reduced energy usage?*

Gary Wolff, Principal Economist, Pacific Institute - *Introduce the interrelationship between energy and water. Opportunities for policies that can promote energy-saving solutions; discussion of energy use model prepared by Mr. Wolff to help water utilities identify and track their energy usage.*

Lorraine White, Advisor to Jackalyne Pfannenstiel, Vice Chair, California Energy Commission - *Current baseline assumptions in the state's Integrated Energy Policy Report (IEPR) and Water Energy Research (WER).*

11:05 - 11:45

PANEL 2A – HOW WATER UTILITIES CAN REDUCE ENERGY CONSUMPTION – BEST MANAGEMENT PRACTICES

- *What Best Management Practices can water utilities implement to reduce energy use?*
- *How can we increase awareness and deployment of best practices among water utilities and their customers?*

Location
Energy Commission
Hearing Room A
1516 Ninth Street
Sacramento, CA

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Mary Ann Dickinson, Executive Director, California Urban Water Conservation Council (CUWCC) - *Overview of the current and proposed CUWCC Best Management practices.*

Bill McDonnell, Senior Resource Specialist, Metropolitan Water District - *Overview of MWD's successful experience with implementing best management practices which enable improved water and energy efficiency and conservation.*

11:45 - 12:00

QUESTIONS & ANSWERS

12:00 - 1:00

LUNCH BREAK

1:00 - 1:45

PANEL 2B - HOW WATER UTILITIES CAN REDUCE ENERGY CONSUMPTION – LESSONS LEARNED BY LEADING PRIVATE UTILITIES

- *What are the key differences in the challenges to reducing energy usage for large versus small water utilities?*
- *What are some currently successful programs, policies, and operating procedures used by California water utilities for reducing energy use? (Success stories)*
- *How can electric utilities' energy efficiency programs assist water utilities improve end use water efficiency, thus lowering water utility energy costs?*

Bob Kinert, Manager, Integrated Demand Side Management Program Services, Pacific Gas & Electric - *How PG&E is working with water utilities to take advantage of demand response and efficiency opportunities.*

David Bruder, Nonresidential Portfolio Manager, Southern California Edison - *How is SCE working with water utilities to coordinate water conservation and water efficiency programs?*

Matt Puffer, Administrative Analyst-Water Conservation, Golden State Water - *Golden State Water's energy efficiency program experiences.*

1:45 - 2:00

QUESTIONS & ANSWERS

2:00 - 2:10

BREAK

2:10 - 3:20

PANEL 3 – FORWARD-LOOKING RESEARCH AND WATER REGULATORY POLICIES

- *What are the barriers to broader development and implementation of water conservation programs at the water utilities?*
- *What are the barriers to broader development and*

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implementation of water efficiency programs at the investor-owned electric utilities?

- *What are the research needs and the technology and knowledge gaps that need to be filled?*
- *What are the best pathways to gain acceptance and implementation of new, emerging technology and other research products?*
- *What impacts do traditional state ratemaking and pricing have on water utilities and their energy use?*
- *What water utility practices and business policies inhibit reduced energy use?*
- *What utility pricing programs are best for encouraging consumers to reduce water consumption, and thereby reduce energy?*

Nancy Jenkins, Manager, Energy Efficiency Research Office, California Energy Commission - *A summary of current and planned water energy research at the California Energy Commission as part of the Public Interest Research Program (PIER). A description of the water energy implementation programs being administered at the Energy Commission.*

Lon House, Consultant, Water and Energy Consulting - *A model for identifying the primary areas for reducing energy costs of water utilities. The model identifies the operational and equipment modifications which will best reduce energy costs.*

David Morse, Independent Consultant - *A history of regulatory disincentives; identify need for incentives such as a revenue adjustment mechanism.*

David Stephenson, Rates and Revenue Director, American Water - *Ratemaking disincentives, and proposed improvements in water rate design which would provide incentives for saving energy.*

Kevin Coughlan, Director, CPUC Water Division - *Review primary action points from PUC Water Action Plan. Identify regulatory opportunities and barriers in implementing energy savings measures for water utilities, including metering and pumping efficiencies.*

3:20 - 3:45

QUESTIONS & ANSWERS/PUBLIC COMMENTS - *Questions and comments will be provided in written form, and grouped by topic. Commissioner Bohn and other Commissioners on the dais will address the summarized questions and comments.*

3:45 - 4:00

WRAP-UP & CLOSING REMARKS *by members of the dais*
- *California Public Utilities Commission, Energy Commission, Department of Water Resources, and California Independent System Operator.*

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