

Affordable Desalination Achieves Successful Dedication June 3, 2005

San Leandro, CA (June 3, 2005) – Approximately 50 dignitaries, representing the U.S. Bureau of Reclamation, the California State Department of Water Resources, the California Energy Commission, and numerous water-resource agencies attended dedication ceremonies May 11 of the state’s most energy efficient seawater desalination demonstration plant.

Located at the U.S. Navy’s Seawater Desalination Test Facility in Port Hueneme, the demonstration plant was designed, constructed and underwritten by California’s Affordable Desalination Collaboration (ADC), a non-profit organization of state agencies, special districts and leading companies in the desalination industry.

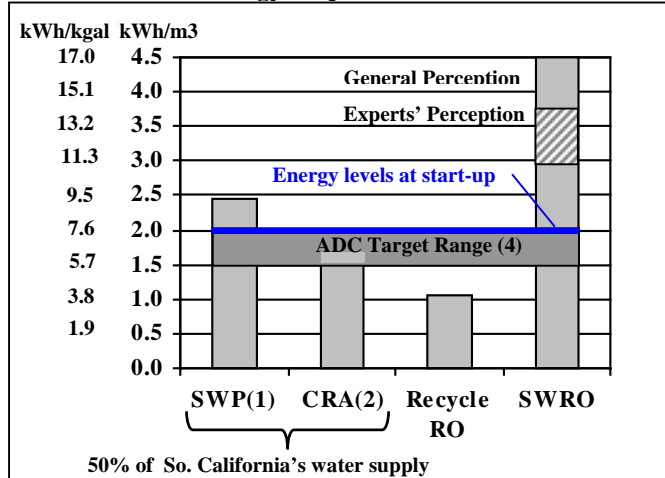
The ADC demonstration plant utilizes a unique combination of proven technologies and equipment to create an ultra-efficient seawater reverse osmosis (SWRO) system to produce potable water. The facility has two overriding goals: 1. to demonstrate that SWRO can be an energy efficient and cost effective source of fresh water in California, and 2. to provide water agencies and private companies investigating the feasibility of seawater desalination plants with practical operations and maintenance information.



Speakers at the dedication ceremony and plant start-up included Capt. William J. Beary, Commanding Officer, Port Hueneme Naval Facilities Engineering Service Center (NFESC); Randy Truby, ADC Chairman of the Board; Bernard Rhinerson, Director, San Diego County Water Authority; John Morris, Director, Metropolitan Water District of Southern California; Paul Shoenberger, Chief of Engineering and Operations, West and Central Basin Municipal Water District; and Michael Gabaldon, Director of Policy, Management and Technical Services,

US Bureau of Reclamation. Randy Truby was very pleased with the event. “At the initial start up we are already producing energy numbers within the target range of the project. This is fantastic when you consider that we are starting with the base line technologies. As the project progresses state of the art components will be added, tested and optimized and we expect to see even better performance in phases II and III of the protocol.”

Various Energy Requirements and the ADC



1. SWP = California State Water Project; 2. CRA = Colorado River Aqueduct Project; 3. SWP numbers do not include distribution beyond Castaic Lake or treatment; 4. ADC target range does not include supply or distribution. I.e. RO process only; 5. Source: Water Sources Powering Southern California, by Robert C. Wilkinson Ph.D., 01/04

The ADC is a non-profit organization comprised of the following group of leading companies, state and government agencies.

- Avista Technologies, Inc.
- California Department of Water Resources
- California Energy Commission
- Carollo Engineers
- City of Santa Cruz Water Department
- David Brown Union Pump Comp.-subsidiary of Textron
- Energy Recovery, Inc.
- FilmTec Corporation
- Marin Municipal Water District
- Municipal Water District of Orange County
- Naval Facilities Engineering Service Center
- Pentair Water Treatment-CodeLine Division
- Piedmont Pacific Corporation
- Poseidon Resources
- Rolled Alloys
- San Diego County Water Authority
- U.S. Bureau of Reclamation
- U.S. Desalination Coalition
- Young Engineering & Manufacturing, Inc.
- WaterEye
- West Basin Municipal Water District

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