

CENTRAL BASIN MUNICIPAL WATER DISTRICT

MAY 9, 2005 - Water Resources

Vasquez, No Quorum

MAY 23, 2005 - Board Meeting

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Approved by: Richard Nagel

INFORMATION CALENDAR

DISTRICT WATER CONSERVATION TARGETSUMMARY:

In March 2005, staff committed to develop a water conservation savings target for the year 2030 for Board consideration and to initiate a master plan to ensure success in achieving that target. The following sets forth a preliminary target and an explanation of how it was derived. The preliminary target can be used to complete the 2030 resource mix for the purposes of the draft issuance of the Urban Water Management Plan to customer agencies in June.

Staff is also proceeding with the objectives of the master plan and a draft "Scope of Services" for procuring consultant assistance, to be available to the Board in May. The preliminary target will be tested and confirmed through work on the master plan. Board adoption of the master plan later this year will formally establish the conservation target.

Preliminary Conservation Target

As reported in March, the 1.1 million acre-foot target established by the Metropolitan Water District (MWD) in its 2003 Integrated Resources Plan Update is not broken down by member agency. District staff has worked with MWD over the past two months to understand the assumptions and methods used to model conservation savings for the region. Staff has been successful in isolating MWD's projections for Central Basin and developing an approach to adjusting the estimate based on experience with our own service area characteristics and District programs. Since MWD forecasts rather conservatively for member agency active conservation (devices and incentives), the District's analysis has resulted in a more aggressive preliminary target.

Staff's preliminary target recognizes the changing nature of conservation technology and practices by featuring near-term and long-term savings estimates. The near-term component is based on the projected savings of all current and pending programs, such as toilets, high-efficiency clothes washers and irrigation controllers, over the next five years. The long-term component is more general and based on assumptions of which areas the District will be emphasizing over the subsequent 20 years, such as CII (commercial/industrial/institutional) and increased outdoor conservation.

Staff's analysis has resulted in a preliminary target of conservation-based water savings of 1,500 acre-feet (AF) per year. This represents an offset of total water demand of 58,406 AF by year 2030. In other words, conservation should comprise roughly 18% of the District's resource mix by 2030. Again, this preliminary target will be subject to revision pending the work to be performed on the Conservation Master Plan this summer.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was not reviewed by the Water Resources Committee on May 9, 2005. Due to a lack of quorum, Director Vasquez suggested this item be agendaized to the May 23, 2005 Board meeting as information for discussion.

RECOMMENDED MOTION:

This item is for information only.

LIST OF EXHIBITS:

None.

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