



- Draft 2015 Integrated Water Resources Plan Update

Summary

Transmittal of the Draft 2015 Integrated Water Resources Plan (IRP) Update

Purpose

Informational

Attachments

[Attachment 1: Draft 2015 Integrated Water Resources Plan Update](#)

[Attachment 2: Draft 2015 Integrated Water Resources Plan Update Appendices](#)

Detailed Report

Background

Since February 2015 staff has been engaged in the 2015 IRP Update process. The purpose of the 2015 IRP Update process was to update regional data on water supplies and demands, and to recommend revised resource development targets for the region's water resources and conservation programs. The 2015 IRP Update process included regular workgroup meetings with member agency technical staff and regular reporting through the Board of Director's IRP Committee. The IRP Committee also received a series of expert presentations in the areas of water conservation, groundwater/stormwater issues, and uncertainty planning and climate change.

Report Content and Organization

The Draft 2015 IRP Update documents the technical process, findings, and proposed resource development targets. The Draft 2015 IRP Update is provided as [Attachment 1](#); it is structured as follows:

- Foreword
- Executive Summary
- Every Generation a Challenge: Background, Changed Conditions, and Continued Reliability
- Process of Regional Collaboration
- Outlook of Demands and Supplies
- An Adaptive Management Strategy
- Information for Future Discussions: Costs and Uncertainties
- Findings and Conclusions

Additional information on the technical modeling assumptions and forecasts used in the 2015 IRP Update can be found in the Draft 2015 IRP Update Appendices, which are provided as [Attachment 2](#) to this report.

Summary of Outcomes

The Draft 2015 IRP Update identifies overall supply reliability targets for the State Water Project, Colorado River Aqueduct, local water supplies, and conservation. The following table provides a summary of the total levels of supplies and conservation targeted under the Draft 2015 IRP Update.

Board Report (Draft 2015 Integrated Water Resources Plan Update)

Draft 2015 IRP Update Total Level of Supply Development Targeted (Acre-Feet)

	2016	2020	2025	2030	2035	2040
Retail Demands before Conservation	4,878,000	5,219,000	5,393,000	5,533,000	5,663,000	5,792,000
Total Conservation Target	1,034,000	1,096,000	1,197,000	1,310,000	1,403,000	1,519,000
Retail Demands after Conservation	3,844,000	4,123,000	4,196,000	4,223,000	4,260,000	4,273,000
Minimum CRA Diversion Target	900,000	900,000	900,000	900,000	900,000	900,000
Average Year SWP Target	1,202,000	984,000	984,000	1,213,000	1,213,000	1,213,000
Total Local Supply Target	2,199,000	2,307,000	2,356,000	2,386,000	2,408,000	2,426,000
Total Supply Reliability Target	4,301,000	4,191,000	4,240,000	4,499,000	4,521,000	4,539,000

Next Steps

The attached draft report provides a review of the 2015 IRP Update process and findings in advance of the pending action to adopt in January 2016. Staff will return in January with a final 2015 IRP Update report that considers input received from the December 7, 2015 IRP Committee meeting.

The 2015 IRP Update process also identified a number of areas where the development of policy and implementation approaches is essential; these discussions will follow the adoption of the Draft 2015 IRP Update and involve extensive interaction with the IRP Committee and the member agencies.