Update on State Water Project Activities

Municipal Water District of Orange County
Board Workshop
June 4, 2014

Kevin Donhoff
Manager
Resources Implementation Section

Overview

- Current operations and ongoing issues
- SWP contract renewal status
2013 Hydrologic Conditions

Percent of Average Precipitation (%)
Calendar Year 2013

Driest Calendar Year on Record

2014 Hydrologic Conditions

Percent of Average Precipitation (%)
Water Year to Date

58% Below Average
Northern California Runoff

Runoff (MAF)

2010: 16.0
2011: 25.2
2012: 11.8
2013: 11.9
2014: 7.2

Total: 18.26 MAF

Actual | Forecast | Normal

Statewide Impacts

Lake Ghisallo, Calistoga
January 2014

Folsom Lake, S
January 2014

Lake Oroville
December 2013

Alums
January
I Declare a Drought Emergency
Conserve Water!
Facilitate Management of Water

State Water Project Allocation

5%
Delta Export Operations

Actual Exports to date

Forecasted Exports to Support 5% Allocation

Average Exports (60% Allocation)

Exports (AF)

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Current Delta Operations

April – May Average Exports
CVP Pumping: 4,000 AF
SWP Pumping: 900 AF

Coordinated Operating Agreement (COA) provides guidance for true-up later in year
2014 Supply and Demand Balance
Based on Currently Allocated Supplies and Demands

<table>
<thead>
<tr>
<th>Supply/Demand Balance</th>
<th>Acre-Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Demand</td>
<td>2,100,000</td>
</tr>
<tr>
<td>SWP Supply</td>
<td>700,000</td>
</tr>
<tr>
<td>CRA Supply</td>
<td>1,200,000</td>
</tr>
<tr>
<td>Total Supply</td>
<td>1,900,000</td>
</tr>
<tr>
<td>In-Region Storage Requirement</td>
<td>200,000</td>
</tr>
</tbody>
</table>

In each region, storage requirement is provided:
- Lake Oroville
- Feather River Supplies
- San Luis Reservoir
- Delta
- San Luis Reservoir
- Metropolitan has opted for more reliable and cost-effective water supplies.

*Assumes 30% Carriage Losses
2014 MWD Water Costs $/AF

- **$134-$179**: Yuba Accord *
- **$200-$250**: San Joaquin GW Programs
- **$100-$150**: Colorado River Conservation Programs

*Assumes 30% Carriage Losses

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Pending Friant Authority Lawsuit

- **100%**: Feather River Service Area
- **95%**: Friant Division Service Area
- **0%**: Exchange Contractors

Source: ACWA
“Whiskey is for Drinking, Water is for Fighting!”

Pending Friant Authority Lawsuit
Continued service beyond 2035

Address financial compression (started in 2005)

DWR desires sufficient funds for cash flow

Contractors desire greater financial oversight
Status

- Drafting Formal Agreements in Principle
- Drafting Contract Amendment Language

Step 1
Negotiate Terms of Contract Extension
2013 – Mar 2014

Step 2
Develop Agreements in Principle
Mar – July 2014

Step 3
CEQA Process
Fall 2015

Step 4
Contract Amendment
2016

Questions?
Metropolitan’s Storage Reserves

Storage use will vary based on actual conditions.

Implemented WSDM Actions

Spot Transfers
No purchases in 2014.
Developing strategy for participation in 2015.
MWD Groundwater Storage in Central Valley

Delta Export Operations

Actual Exports to date
Average Exports (60% Allocation)
Transfer Supplies
Forecast
Actual Exports
Actual (Avg)
Average Exports

Exports (AF)
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
0
2,000
4,000
6,000
8,000
10,000
12,000