Emergency Conservation Regulation Update

Office of Research, Planning, and Performance

July 7, 2015
Status of Implementation

• Water production data collected from June 2014 through May 2015 (12 months)

• 400 (of 411) urban water suppliers submitted May production numbers

• Final month reported under March 27 emergency regulation; conservation standards are effective June 1, 2015
May Weather Conditions
(Select Cities)

Precipitation

Temperature

Statewide, May 2015 was wetter and cooler than May 2013

Over 237 Billion Gallons Saved June 2014 – May 2015, enough to provide 2.38 million Californians with water for 1 year
Statewide Water Conservation Results

Water Production Percentage Reduction
(Compared to 2013)
May 2015 Residential Gallons per Capita per Day

- Highest R-GPCD = 348
- Lowest R-GPCD = 39
- Average statewide May 2015 R-GPCD = 87.5, down from 90.5 in April
- 55 GPCD is the performance standard for indoor use
  - 33 suppliers representing about 2.6 million people report May total (indoor and outdoor) R-GPCD less than 55
May 2015 Water Conservation Results

- Colorado River: 157, 21.3%
- South Lahontan: 119, 21.8%
- South Coast: 81, 25.7%
- North Coast: 64, 28.6%
- Central Coast: 73, 28.9%
- Tulare Lake: 133, 31.1%
- San Francisco Bay: 66, 31.9%
- San Joaquin River: 114, 35.0%
- North Lahontan: 83, 38.4%
- Sacramento River: 118, 38.6%

Bar graph showing water conservation results and average R-GPCD for different regions.
May 2015 Water Supplier Irrigation Restrictions and Enforcement Actions

• 60 suppliers reported no restrictions on the number of days per week outdoor irrigation is allowed

• Water Supplier Enforcement Actions
  – 28,555 water waste complaints submitted to 346 suppliers
  – 36,159 formal warnings for water waste issued by 269 suppliers
  – 1,786 penalties issued by 49 suppliers
Noteworthy June 2014 – May 2015
Conservation Achievements

Cumulative 12-month conservation greater than 20% and 12-month average R-GPCD less than 75 gallons

- Alameda County Water District
- Santa Cruz City of
- Santa Barbara City of
- Dublin San Ramon Services District
- Soquel Creek Water District
- Calaveras County Water District
- San Lorenzo Valley Water District
- Menlo Park City of
- Cambria Community Services District
- California Water Service Company Redwood Valley
## Conservation Tiers

<table>
<thead>
<tr>
<th>Conservation Standard</th>
<th># Suppliers</th>
<th>Population Served</th>
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</thead>
<tbody>
<tr>
<td>4%</td>
<td>5</td>
<td>83,050</td>
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<tr>
<td>8%</td>
<td>24</td>
<td>2,248,691</td>
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<tr>
<td>12%</td>
<td>22</td>
<td>1,877,869</td>
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<td>16%</td>
<td>42</td>
<td>10,259,223</td>
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<td>20%</td>
<td>61</td>
<td>6,076,675</td>
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<tr>
<td>24%</td>
<td>45</td>
<td>2,259,421</td>
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<tr>
<td>28%</td>
<td>78</td>
<td>6,400,928</td>
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<tr>
<td>32%</td>
<td>58</td>
<td>3,593,157</td>
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<tr>
<td>36%</td>
<td>65</td>
<td>2,770,266</td>
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<tr>
<td><strong>Grand Total</strong></td>
<td><strong>400</strong></td>
<td><strong>35,569,280</strong></td>
</tr>
</tbody>
</table>
Conservation Tiers

June 2014 – May 2015 Cumulative Savings compared to Conservation Standard (effective June 1, 2015)

Supplier Achieved Conservation Standard
- 37 suppliers
- 211 suppliers
- 4.1 million people served

Supplier Within 10% of Conservation Standard
- 53 suppliers
- 44 suppliers
- 3 suppliers
- 13.3 million people served

Supplier >10% away from Conservation Standard
- 146 suppliers
- 104 suppliers
- 3 suppliers
- 18.3 million people served

Supplier Population:
- <50,000
- 50,000 - 500,000
- >500,000
Conservation Tiers

May 2015 Savings compared to Conservation Standard (effective June 1, 2015)

Supplier Achieved Conservation Standard

Supplier Within 10% of Conservation Standard

Supplier >10% away from Conservation Standard

Supplier Population:

- <50,000
- 50,000 - 500,000
- >500,000

30 million people served
6.1 million people served
1.3 million people served
Next Steps

• June 2015 water production numbers submitted July 15, 2015
• Enforcement actions begin July 16, 2015
• New reporting on actions taken to meet conservation standard

25% Statewide Water Conservation

0% saved since June 2015

Compliance Period:
June 2015 – February 2016*

*As compared to the equivalent months in 2013
Updated on 7/7/15
Enforcement Actions

• Enforcement tools include:
  – Information Orders
  – Conservation Orders
  – Cease and Desist Orders

• Level of enforcement action will depend on multiple factors:
  – Distance from conservation standard
  – Actions implemented to meet conservation standard
  – Ability to implement additional conservation measures
  – Other case-specific determinations
Additional Actions

- July 8, 2015 workshop on rates and pricing
  - Directive 8 from Governor’s April 1, 2015 Executive Order
- Alternate compliance assessments
- 4% tier determinations
- Commercial agriculture certifications
- Workgroup development