20 x 2020 Update

The Governor’s Plan to Reduce Per Capita Water Use

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California Department of Water Resources
Water Plan Plenary Meeting
October 14, 2009
“A plan to achieve a 20 percent reduction in per capita water use statewide by 2020. Conservation is one of the key ways to provide water for Californians and protect and improve the Delta ecosystem. ….”

-- Letter to Senate Leadership
February 28, 2008
Is the Goal Achievable?

- California Water Plan Update 2005: 1.2 to 3.1 maf by 2030
- 2006 CALFED Water Use Efficiency Comprehensive Evaluation: 1.2 to 2.1 maf by 2020 (most likely scenario = 1.76 maf)
Additional Annual Water
from 8 Resource Management Strategies, 2030

- Precipitation Enhancement
- Ocean & Brackish Desalination
- Agricultural Water Use Efficiency (Net)
- Surface Storage - CALFED
- Recycled Municipal Water
- Conjunctive Mgmt & GW Storage
- Urban Water Use Efficiency (Applied)

Additional Annual Water (million acre-feet per year)
Agencies Involved

“I direct state agencies to develop this more aggressive plan…”

- Dept of Water Resources
- State Water Resources Control Board
- Dept of Public Health
- CA Public Utilities Commission
- CA Energy Commission
- CALFED Program
- U.S. Bureau of Reclamation
- CA Urban Water Conservation Council
Purpose

Agency Team worked to develop a plan that answers these questions:

- What is average per capita use now? What will it be if the 2020 goal is met?
- Can we meet the Governor’s goal?
- Will existing measures enable us to meet the goal?
- What new measures are most promising?
- Is there geographic variation in per capita use and conservation potential? How does this affect results?
- What is needed to implement the plan?
Public Outreach

- Established a Program Website
- Held Public Workshops:
  - Scoping - June 2, 2008
  - Baseline, Targets - Sept. 15, 2008
  - Current & New Actions - Nov. 20, 2008
  - Conference Call on Target Setting - Dec. 8, 2008
- Published a Draft Plan - April 30, 2009
  - Workshop on Draft Plan - May 29, 2009
Recommendations

- Plan Includes 9 Categories of Recommendations Including:
  - Put the goal in statute as a backstop
  - Focus Attention landscape irrigation demand
  - Reduce water waste, especially in unmetered areas
  - Implement the BMPs and Plumbing Codes
  - Provide financial incentives
  - Launch a statewide outreach campaign
Major Categories of Comments

- Convene stakeholders to provide advice
- Part of a comprehensive package
- Include agriculture in the plan
- Your regional targets don’t fit my agency
- Refine CII approach; don’t limit production
- Rate structures should be set locally
- Do not establish a public goods charge
- Protect existing water rights
Legislation

- **Governor:** “I would welcome legislation to place this goal into statute.”
- **Delta Package**
  Includes a 20x2020 Bill
Next Steps

- Revise plan based on public comments
- Publish Final Plan
- Legislation
More Information

www.swrcb.ca.gov/water_issues/hot_topics/2020/index.shtml

From the SWRCB home page, click:

- “Water Issues” tab
- “Hot Topics”
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