#### It's Getting Hot Out There

Considerations for Updating Your Drought Water Shortage Contingency Plan



# Presentation Overview Projected Hydrologic Conditions

- Overview of Regulations
- How Good is your Water Shortage Contingency Plan?
- Elements of a Water Shortage Contingency Plan
- WSCP Development







## **Applicable Regulations**

- Required element of Urban Water Management Plans
- California Water Code Section 10632(a): Urban water suppliers must develop a water shortage contingency plan which indicates the actions the supplier will take in response to supply shortages of up to 50 percent.



#### **UWMP Act Requirements**

Section 10632 of the Water Code (a) The plan shall provide an urban water shortage contingency analysis that includes each of the following elements that are within the authority of the urban water supplier:

- 5) in the most restrictive stages. Each urban water supplier may use any type of consumption reduction methods in its water shortage contingency analysis that would reduce water use, are appropriate for its area, and have the ability to achieve a water use reduction consistent with up to a 50 percent reduction in water supply.
- s or charges for excessive use, where applicable.
- An analysis of the impacts of each of the actions and conditions described in paragraphs (1) to (6), inclusive, on the revenues and expenditures of the urban water supplier, and proposed measure overcome those impacts, such as the development of reserves an rate adjustments.



Section 10632 of the Water Code (a) The plan shall provide an urban water shortage contingency analysis that includes each of the following elements that are within the authority of the urban water supplier:

- 8) A draft water shortage contingency
- Commencing with the urban water management plan update due 9) December 31, 2015, for purposes of developing the water shortage contingency analysis pursuant to subdivision (a), the urban water supplier shall that are artificially supplied with water, including ponds, lakes, waterfalls, and fountains, separately from swimming pools and spas, as defined in subdivision (a) of Section 115921 of the Health and Safety Code.



### So That is What The Law Requires, But...

- How good is your WSCP?
  - Does it include a detailed implementation plan and lead time estimates for specific actions?
  - Is it coupled with a drought rate schedule that has been vetted through a Proposition 218 process?
  - Do you trust that it will get you from here to there?









## Benefits of Developing The WSCP Analytically

- Real confidence in savings potential
- Ability to analyze economic impacts, disaggregated spatially and by customer class



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### Benefits of Developing The WSCP Implementation Plan

- Tied into rates
- Ready to put the process in place that are needed (e.g., switching billing cycles)



