

IRP Committee (ORAL REPORT required, hide slide)
Item #4a

Subject: Cal Water Fix and the IRP

Purpose: To explain the SWP supply assumptions being used in the IRP update

IRP Committee/August 18, 2015

IRP Committee (ORAL REPORT required, hide slide)

Item #4a

Overview of the California Water Fix in the IRP



California Water Fix and the IRP

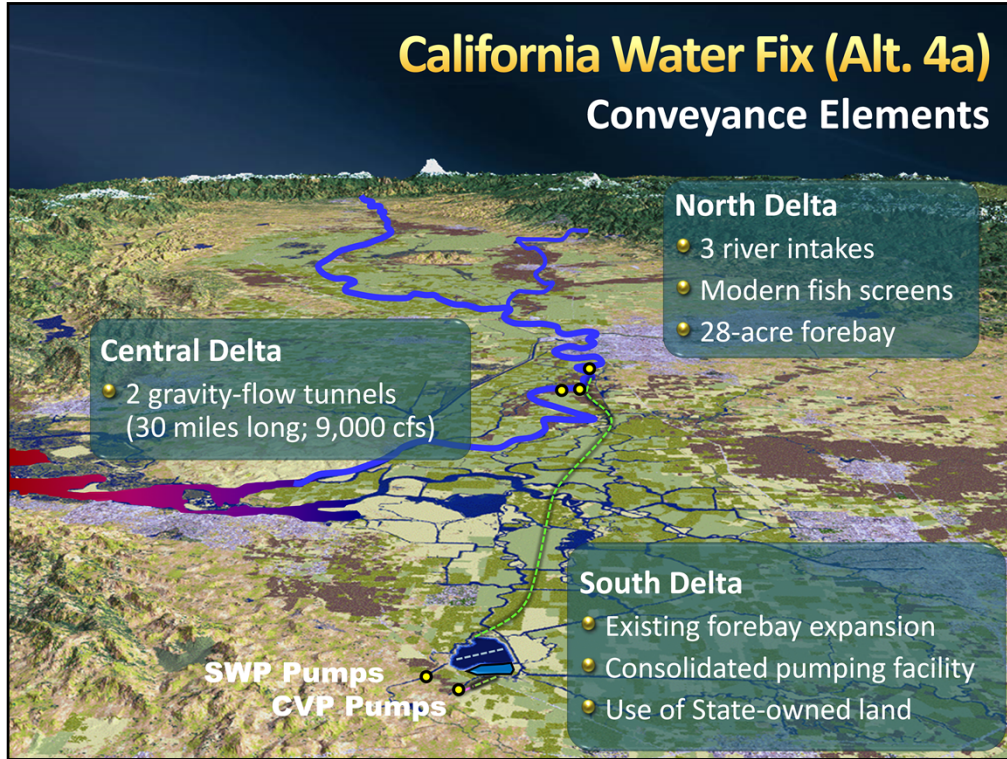
Integrated Resource Plan Committee
Item 4a, August 18, 2015



Outline

- Physical Description of California Water Fix (Alt. 4a)
- Key Operating Requirements
- State Water Project Supply Projections

California Water Fix (Alt. 4a) Conveyance Elements





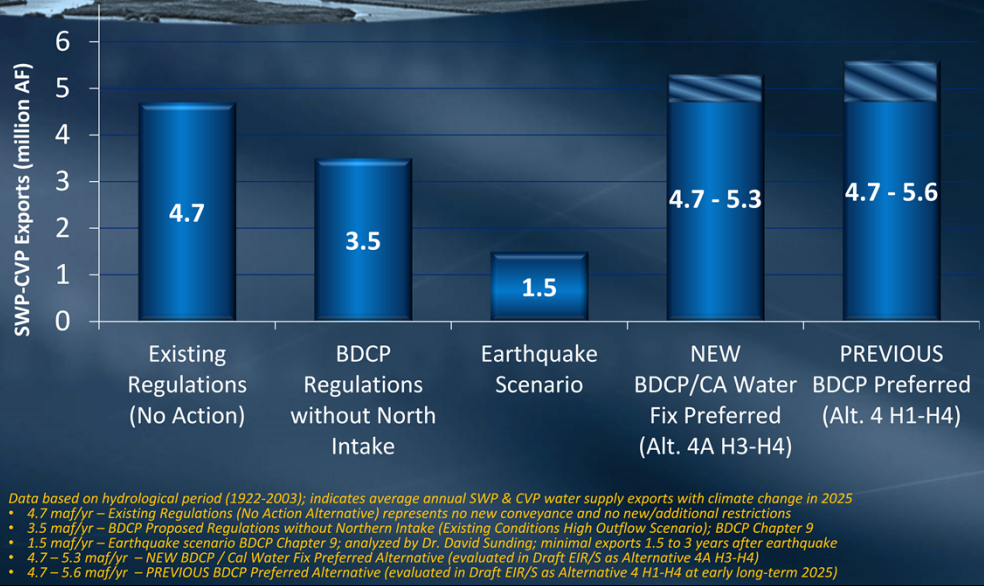
California Water Fix (Alt. 4a)

Key Operating Requirements

- Northern Intake
 - Diversion limits based on river flow, bypass flow, salmon migration, screen efficiency
- Delta Standards
 - Continue meeting existing Delta outflow & water quality requirements, plus additional Spring outflow & south Delta (Old & Middle River) reverse flow restrictions
- Southern Intake
 - Diversion limits based on fish salvage

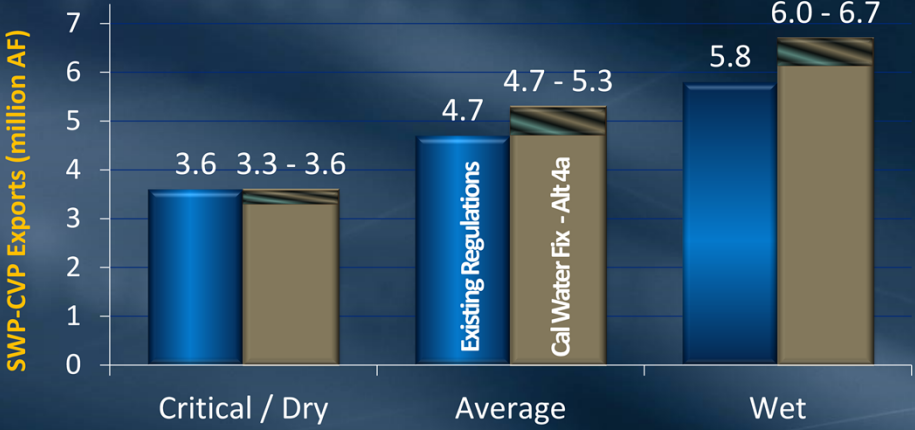
State & Federal Project Supplies

Annual Average (in 2025)



State & Federal Project Supplies

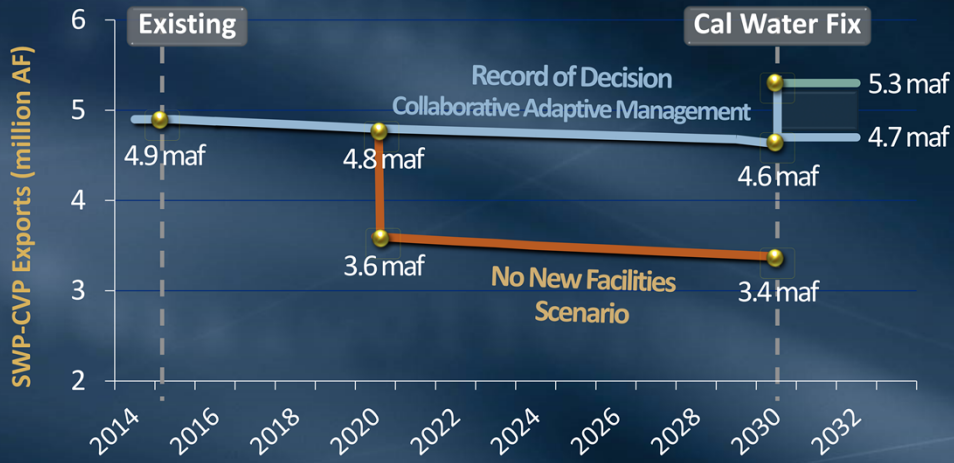
Existing Regulations vs. Cal Water Fix



SWP & CVP average annual water supply in 2025; Data from Recirculated Draft EIR/S

State & Federal Project Supplies

Average Annual (million AF/yr)



SWP & CVP water supply analysis; Includes effect of climate change; Data from BDCP Draft EIR/S

- 4.9 – 4.6 maf/yr. – BDCP Record of Decision, collaborative adaptive management, with climate change
- 3.6 – 3.4 maf/yr. – BDCP proposed regulations without northern Intake (Existing Conditions High Outflow Scenario); BDCP Chapter 9
- 4.7 – 5.3maf/yr. – Cal Water Fix Alternative 4a, range of SWP/CVP supply improvements

