Handouts
Sites Reservoir Project Overview
What is the Sites Project?

Participants Include:
- 9 Sacramento Valley governing agencies
- 22 Reservoir Committee members

Total Storage: 1.5 MAF

- North of Delta Participants: 775 TAF
- South of Delta Participants: 759 TAF
- Bureau of Reclamation: 91 – 230 TAF
- State of CA: 244 TAF
- Normal Operating Dead Pool: 60 TAF

Blue shading represents participant service areas; does not account for State and Federal participation.
Sites Reservoir

• Colusa, Glenn and Yolo counties
• Off-stream reservoir
• Diverts and stores excess storm flows
• Partners for use of existing facilities
• New water supply for environment, M&I, and Ag use
Project Overview

**Off-stream Storage**
Does not create a barrier to native fish migration

**Federal and State Agencies Manage Environmental Water**
Adaptable to current and future conditions and priorities

**Local Leadership and Cooperation**
Aligns with Sacramento Valley’s values and fosters regional and statewide collaboration

**Cooperative Operation**
Increases effectiveness and efficiency of existing water storage infrastructure

**Adaptable to Climate Change**
Contributes to system reliability and performance with climate change

**Dry Year Water Supply**
Reliable dry year water supply for California communities, farms and businesses

**Recreational Opportunities**
Provides northern Sacramento Valley with additional opportunities for recreation

**Environmental Support**
Provides environmental water in drier periods for native fish, and habitat for native species and birds
Serving California’s environment, families, and farms takes:

1.5 million acre-ft of storage

9 new dams

12 miles of big pipes (9-32ft)

20 million cubic yards of material

Estimated construction costs are based on the class 4 cost estimate.
Project Funding

• Total Estimated Project Costs: $3.9 Billion (2021 Dollars)

• Funding Sources:
  – WSIP/State Funding: $875 Million
  – Federal Funding:
    • $214 Million to date
    • $975 Million at 16% investment
  – Participant Funding: About $2.76 Billion
    • Submitted Application for $2.2 Billion WIFIA Loan
    • USDA Loan for $450 Million
    • Bonds or Cash for $110 Million
  – Note, adds to greater than $3.9 billion as funding sources assume costs at mid-point of construction
Key Project Milestones

• WIFIA Loan Application submitted March 2023

• Water Rights Application submitted May 2022

• Final EIR/EIS anticipated Summer 2023

• Begin drafting Benefits & Obligations Contract in Summer 2023

• WIFIA Loan expected Spring 2024

• Water Rights Permit expected Fall 2024

• Final Participation Decision expected late 2024/early 2025
B.F. Sisk Dam Raise & Expansion Project Update
Valley Water Storage Exploratory Committee
May 12, 2023
Agenda

- Meeting Purpose
- Project Milestones
- Upcoming Funding Request
- Questions & Next Steps
Meeting Purpose

Provide status update for B.F. Sisk Expansion in advance of upcoming funding decision for continued planning.
Sisk Stage Gate Overview

**Stage Gate I**

**Pre-Construction**

- Principles of Agreement (MoU)
- RoD Execution
- Validate Cost Estimate
- Updated Schedule
- Validate $/AF Analysis
- Pre-Construction Cost Share Agreement and/or MoU

**Timeline**

- July 1, 2023 – September 30, 2023
  - $2,500,000 (Quarterly)
- October 1, 2024
  - $10,000,000

**Stage Gate II**

**Design**

- Determine Implementation Plan (JPA?)
- Final Cost Estimate
- Final Schedule
- Updated $/AF Analysis
- Operations Agreement
- Implementation Cost Share Agreement (Const/OMR)
- Initiate Repayment Discussion w/ Reclamation

**Timeline**

- October 1, 2024
- $10,000,000

**Stage Gate III**

**Construction**

- Finance Plan (Bonding)
- 100% Design
- Bid Results
- Construction Oversight Agreement

**Timeline**

- October 1, 2025
- $TBD
Santa Clara Valley Water District

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<th>Agency</th>
<th>Requested Storage Capacity (AF)</th>
<th>Current Storage Capacity (AF)</th>
<th>Current Storage Capacity Allocation %</th>
<th>$10M Commitment Based On % of Current Storage Capacity*</th>
<th>$2.5M Quarterly Contribution at Current Capacity</th>
<th>Requested Storage Capacity Allocation**</th>
<th>$2.5M Quarterly Contribution at Requested Storage Capacity</th>
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<td>Santa Clara Valley Water District</td>
<td>38,000</td>
<td>5,540</td>
<td>8.5%</td>
<td>$852,239</td>
<td>$213,060</td>
<td>58.5%</td>
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Investor Share Requested: (58.5% of 65,000 AF) 38,000 AF

Investor Current Allocation: (8.5% of 65,000) 5,540 AF
Summary of Project

• 130 TAF expanded storage to be split between local partners and CVP
  – 50+ % for Investor use
  – Up to 50% for CVP use

• CVP cost allocations are based on the Separable Costs - Remaining Benefits (SCRB) Method
Potential Interactions with other Projects

• How will new upstream storage projects impact?
  – Minimal affect to benefits of San Luis enlargement
    • Reclamation participation in Sites Reservoir will benefit CVP South of Delta
• How will climate change impact?
  – Speculative – but likely minimal effect
    • 2020 and 2040 level CalSim results demonstrate similar benefit
• How will downstream water management programs impact?
  – Competition for same Delta excess supply
    • Effect depends on diversion capacity of other projects
• How will other things impact?
  – State Water Board Delta Criteria
  – New Biological Opinions
  – New State Incidental Take Permits
  – Reductions in exports will reduce water supplies available for all project
Project Benefits

- Reduces risk of loss of rescheduled water
- Reduces risk of loss of carryover transfer water
- Enhances ability to maintain groundwater basin sustainability
  - Creates greater opportunity to take direct delivery of surface water, reducing reliance on groundwater
  - Enables temporary storage of surface water to extend periods for direct recharge
- Reduces Rescheduling and Warren Act charges
Permitting Update

Federal ESA Permitting
- FWS issued a BO in December 2022
- Reclamation continues to meet with both NOAA Fisheries and FWS to review Delta operational effects described in the BA consistent with the existing CVP and SWP BiOps

California ESA Permitting
- SLDMWA prepared and submitted an Incidental Take Permit application to the California Department of Fish and Wildlife
- CDFW is completing its initial 30-day determination of application completeness
- Full CDFW review of the ITP will initiate following that determination
Permitting Update

Project Clean Air Act Permitting
• SLDMWA and Reclamation continue coordination with the SJVAPCD on Clean Air Act compliance
• Reclamation released for public review a draft General Conformity Determination in March 2023
• Work on the final General Conformity Determination is now underway to address comments received from the EPA and SJVAPCD

Project NHPA Permitting
• SLDMWA and Reclamation are currently revising the BF Sisk Dam Raise and Reservoir Expansion Project Cultural Resources Inventory Report to reflect these recent changes to the SOD Project
• Submittal to the SHPO planned in 2023