Authority Board Meeting

Agenda Item 2.1, Approve Release of the RDEIR/SDEIS Project Description

January 27, 2021
Overview – Action To Be Taken

• Project Description will be Chapter 2 of the Revised Draft EIR/Supplemental Draft EIS
• Foundation of the analysis in the RDEIR/SDEIS and of all of our permitting efforts
• Draft currently under review by team (Sites and Reclamation staff)
• Recommend release of the Draft Project Description
  – For information / discussion purposes with regulatory agencies, NGOs, interested members of the public
  – Continue to refine until release Revised Draft EIR/Supplemental Draft EIS in July
## Alternatives Summary

<table>
<thead>
<tr>
<th>Facilities / Operations</th>
<th>Alternative 1</th>
<th>Alternative 2</th>
<th>Alternative 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reservoir Size</td>
<td>1.5 MAF</td>
<td>1.3 MAF</td>
<td>1.5 MAF</td>
</tr>
<tr>
<td>Hydropower</td>
<td>Incidental upon release</td>
<td>Same as Alt 1</td>
<td>Same as Alt 1</td>
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<tr>
<td>Diversion Locations</td>
<td>Red Bluff Pumping Plant and Hamilton City</td>
<td>Same as Alt 1</td>
<td>Same as Alt 1</td>
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<tr>
<td>Conveyance Release / Dunnigan Release</td>
<td>1,000 cubic feet per second (cfs) into new Dunnigan Pipeline to Colusa Basin Drain</td>
<td>1,000 cfs into new Dunnigan Pipeline to Sacramento River. Partial release into the Colusa Basin Drain</td>
<td>Same as Alt 1</td>
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| Reclamation Involvement      | 1. Funding Partner  
2. Operational Exchanges  
a. Within Year Exchanges  
b. Real-time Exchanges | Operational Exchanges  
a. Within Year Exchanges  
b. Real-time Exchanges | Same as Alt 1, but up to 25% investment |
| DWR Involvement              | Operational Exchanges with Oroville and use of SWP facilities South-of-Delta   | Same as Alt 1                                                                 | Same as Alt 1                                                                 |
| Route to West Side of Reservoir | Bridge across reservoir                                                      | Paved road around southern end of reservoir                                  | Same as Alt 1                                                                 |
More Substantial Project Description Changes Since Previous Updates

• Hydropower – All alternatives include power generation incidental upon release up to 40 MW at Funks and up to 40 MW at TRR
  – Confirmed with FERC staff that this qualifies for a FERC exemption

• Emergency Release Flows, Alternative 2 – Refinements to emergency release locations
  – Inlet/Outlet Works, Sites Dam, and Saddle Dam 8B into Hunters Creek watershed

• Stored Water Release Location, Alternative 3 – Colusa Basin Drain

• Reclamation Investment, Alternative 2 – Operational exchanges only, not a funding partner
• Diversion criteria:
  – Refined, shifted upstream for practical operations at diversion locations
  – Additional pulse protection criteria added to protect migrating juvenile salmon
  – Analysis underway, but initial results show little changes in flows throughout the system (including Freeport and Net Delta Outflow Index)

• More details on Operations added
Recommended Action

• Staff is recommending release of the Draft Project Description
  – For information / discussion purposes with regulatory agencies, NGOs, interested members of the public
  – Continue to refine until release Revised Draft EIR/Supplemental Draft EIS in July
  – Post to Authority’s website for access and transparency
    • Include preamble clearly identifying that the Authority is not taking public comments / not responding to comments
Questions?