**John Day Dam Ladder Cooling – P2: TBD**

**PROJECT INFORMATION**

|  |  |
| --- | --- |
| **P2 Identifier** | TBD |
| **Project Manager (PM)** | N/A |
| **Technical Lead (TL)** | N/A |
| **Biologist/Coordination** | Scott Fielding/Eric Grosvenor |

In 2022, John Day Fisheries Staff is collecting temperature data related to differentials between the John Day South fish ladder exit and entrance. A temperature string has been deployed in the forebay to gather profile temperatures. And, an extended shad operation is being employed to test the effects of the operation on ladder temperatures. The shad operation, temperature profile string, ladder temperatures, and fish passage information will be compiled in a memo for review by regional fish managers. This memo will be sent to FFDRWG in late fall/early winter of 2022. FFDRWG will review this memo (3-Nov meeting) and determine if a structural solution is the best path forward to reduce the temperature differentials between the entrance and exit of the South Fish Ladder. If so, FFDRWG may recommend the Corps express capability for design and construction in an out-year’s budget.

Based on the results of the 2022 memo, this project would be to initiate the design and construction process for a ladder cooling system at John Day Dam’s south fish ladder (EDR/DDR/P&S). The first year of funding would be to complete an Engineering Design Report (EDR) with alternatives analysis.

**SCHEDULE & COST**

|  |  |  |
| --- | --- | --- |
| **YEAR** | **COST** | **MAJOR ACTIVITIES** |
| **FY24** |  | EDR |
| **FY25** |  | DDR |
| **FY26** |  | P&S (as needed; funding dependent) |
| **FY27** |  | Construction (as needed; funding dependent) |