

5 March 2025 **DRAFT**

The purpose of this table is to document the proposed evaluation criteria to be used during the upcoming Brainstorming Workshop. This criteria will be applied to alternatives for Lower Monumental, Ice Harbor, McNary and John Day.

Proposed Evaluation Criteria	Weight	Description
1 Risk to Dam Safety and Project Operations	TBD	Risk to the fishway, dam and/or project operations if an alternative does not perform properly, or is particularly susceptible to damage from flooding, debris, boat traffic or other failure modes.
2 Fish Behavior, Non-Temperature Related		Anticipated impacts to fish behavior, beyond temperature considerations. This includes attraction flows, hydraulic differentials, bubbles and physical barriers that may impact safe, timely and effective passage.
3 Thermal Performance in Ladder		Ability of the alternative to minimize temperature differentials throughout the adult fishway from the fishway exit at the forebay to the fishway entrance at the tailrace, in accordance with the 1°C criterion.
4 Thermal Performance in Forebay		Ability of the alternative to provide a gradual water temperature gradient at the transition from the fishway exit into the forebay.
5 O&M Cost		Relative magnitude of anticipated operations and maintenance (O&M) costs. This includes costs such as pump energy, trashrack cleaning labor, and maintenance associated with mechanical/electrical components.
6 Capital Cost		Relative magnitude of anticipated capital costs. This includes costs associated with the initial construction, permit compliance and potential mitigation for short-term impacts to project operations.
7 Operational Flexibility and Reliability		Ability of the alternative to accommodate changing conditions including forebay fluctuations and adjustments to flows or temperature. Relative reliability, with gravity flow alternatives rated higher than alternatives that rely on pumps or mechanical/electrical equipment, for example.
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