

MEMORANDUM FOR THE RECORD

SUBJECT: 23BON101 MFR Forced Outage of Unit 1

At 0100 on December 28 2023, Bonneville Powerhouse 1, Unit 1 was forced out of service for failure to excite during start up. Unit 1 was then returned to service at 0812 on the same date.

This forced outage resulted in PH1 operating out of FPP unit priority. Units 3 and 4 are out of service due to oil leak investigations so U6 was the next available unit at PH1. This violates section 4.1.1 of the FPP “Turbine units will be operated in the order of priority defined in **Table BON-13** to optimize fish passage conditions.”

Table BON-1. Bonneville Dam Turbine Unit Priority Order.

PERIOD / OPERATION	UNIT PRIORITY ORDER
Year-Round: Fish Ladders in service; PH1 Ladder out of service	PH2: 11, 18, 12, 17, 13, 14, 15, 16, Then PH1: 1, 10, 3, 6, 9, 4, 5, 8, 7, 2
PH2 Fish Ladder out of service	PH1: 1, 10, 3, 6, 9, 4, 5, 8, 7, 2, Then PH2: 11, 18, 12, 17, 13, 14, 15, 16
Split Flows (see section 2.1.5)	PH1: 1, 10 (or top two available PH1 priority units), Then PH2: 11, 18, 12, 17, 13, 14, 15, 16, Then PH1: 3, 6, 9, 4, 5, 8, 7, 2
PH1 Unit Priority	1, 10, 3, 6, 9, 4, 5, 8, 7, 2
PH2 Unit Priority	11, 18, 12, 17, 13, 14, 15, 16

Sincerely,
BON Project Fisheries