

**OFFICIAL COORDINATION REQUEST FOR
NON-ROUTINE OPERATIONS AND MAINTENANCE**

COORDINATION TITLE- Line 4 outage request at John Day

COORDINATION DATE- 23 May 2019

PROJECT- John Day Dam

RESPONSE DATE- 06 June

Description of the problem

There is current contract work scheduled at John Day to occur during July on line 4. There will be a temporary power source which is the control mechanism for the main units, particularly main units 15 and 16. The contractor is requesting a 14 hour outage on July 9th which would then enable them to remove the temporary power source. If this cannot be done on this day and has to wait until after fish passage season, there is the potential risk of the temporary power source failing and thereby losing control power to main units 15 and 16. This is a small risk, but a risk none the less.

Type of outage required

Impact on facility operation (FPP deviations)

Adult fishways and the juvenile bypass system would not be affected by this operation.

Impact on unit priority

Units 16 and 14, which are high on the unit priority order, would be temporarily off line along with their paired units.

Season	TSWs	Unit Priority Order*
March 1 – November 30 Fish Passage Season	With TSWs	5, 1, 3, 16, 14, 12, 10, 8, 15, 2, 11, 7, 4, 13, 9, 6
	No TSWs	1–4 any order, then 5–16 any order
December 1 – end of February Winter Maintenance Period	n/a	Any Order

Table JDA-6. John Day Dam Turbine Unit Priority Order.

*When a main unit is not available, the paired adjacent unit will be used to comply with requested priority.

Impact on forebay/tailwater operation - No impact to operations.

Impact on spill - There will not be any changes to the spill pattern or flow. John Day would be on summer spill operation.

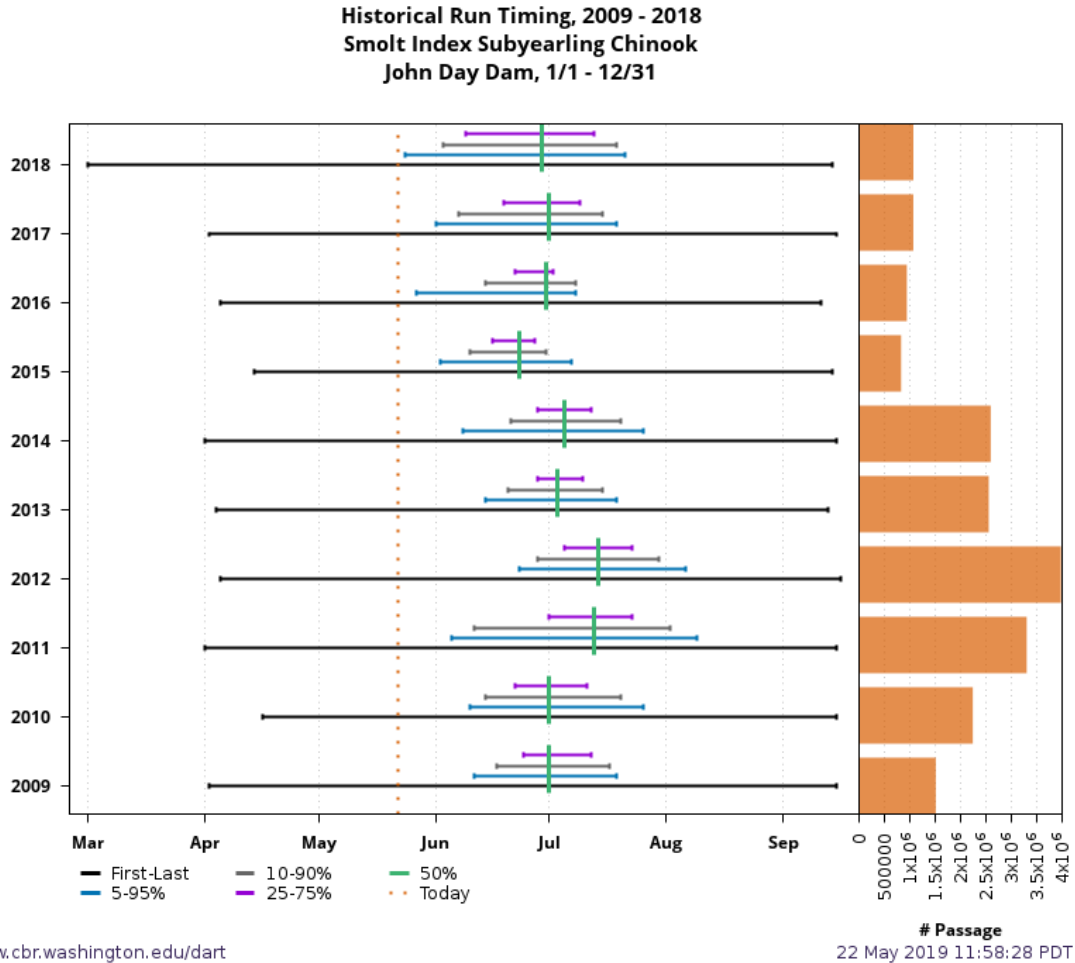
Dates of impacts/repairs

- July 9, 2019

Length of time for repairs

- 14 hours

Analysis of potential impacts to fish



Summary statement - expected impacts on:

Downstream migrants

Sub-yearling Chinook salmon would be the most affected by this outage. This outage is during the peak migration. Greater than 95% of all other juvenile salmonid species have past John Day by 9 July based on the 10 year average.

Upstream migrants (including Bull Trout)

Minimal impacts to adult fish as both fishways will not be affected by the outage and no changes are made to the spill patterns.

Lamprey

Impact to adult and juvenile Lamprey would be minimal. Historically few juvenile Lamprey migrate past John Day in July.

Comments from agencies – no comments were received.

Final coordination results – This action will move forward as coordinated.

After Action update

The contractor completed disconnecting and removal of the temporary power source for the line transformer ahead of schedule. The planned 14 hour outage was complete in only 6 hours and the line for returned to service at 1500 on 9 July.

Please email or call with questions or concerns.

Thank you,

Erin

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