



## BOARD OF COMMISSIONERS

### BOARD OF COUNTY COMMISSIONERS MEETING

1:00 PM, MONDAY, AUGUST 02, 2021

Barnes Sawyer Rooms - Deschutes Services Bldg - 1300 NW Wall St – Bend

(541) 388-6570 | [www.deschutes.org](http://www.deschutes.org)

## AGENDA

### MEETING FORMAT

In response to the COVID-19 public health emergency, Oregon Governor Kate Brown issued Executive Order 20-16 (later enacted as part of HB 4212) directing government entities to utilize virtual meetings whenever possible and to take necessary measures to facilitate public participation in these virtual meetings. Since May 4, 2020, meetings and hearings of the Deschutes County Board of Commissioners have been conducted primarily in a virtual format. Effective June 30, 2021, COVID-based restrictions have been discontinued.

**Attendance/Participation** options include: A) In Person Attendance and B) Live Stream Video: Members of the public may still view the BOCC meetings/hearings in real time via the Public Meeting Portal at [www.deschutes.org/meetings](http://www.deschutes.org/meetings).

**Citizen Input:** Citizen Input is invited in order to provide the public with an opportunity to comment on any meeting topic that is not on the current agenda. Citizen Input is provided by submitting an email to: [citizeninput@deschutes.org](mailto:citizeninput@deschutes.org) or by leaving a voice message at 541-385-1734. Citizen input received by 8:00 a.m. before the start of the meeting will be included in the meeting record.

**Zoom Meeting Information:** Staff and citizens that are presenting agenda items to the Board for consideration or who are planning to testify in a scheduled public hearing may participate via Zoom meeting. The Zoom meeting id and password will be included in either the public hearing materials or through a meeting invite once your agenda item has been included on the agenda. Upon entering the Zoom meeting, you will automatically be placed on hold and in the waiting room. Once you are ready to present your agenda item, you will be unmuted and placed in the spotlight for your presentation. If you are providing testimony during a hearing, you will be placed in the waiting room until the time of testimony, staff will announce your name and unmute your connection to be invited for testimony. Detailed instructions will be included in the public hearing materials and will be announced at the outset of the public hearing.

**For Public Hearings,** the link to the Zoom meeting will be posted in the Public Hearing Notice as well as posted on the Deschutes County website at <https://www.deschutes.org/bcc/page/public-hearing-notices>.

## CALL TO ORDER

## PLEDGE OF ALLEGIANCE

## ACTION ITEMS

1. PRESENTATION: Portland General Electric Pelton Round Butte Project Update

## OTHER ITEMS

*These can be any items not included on the agenda that the Commissioners wish to discuss as part of the meeting, pursuant to ORS 192.640.*

## EXECUTIVE SESSION

*At any time during the meeting, an executive session could be called to address issues relating to ORS 192.660(2)(e), real property negotiations; ORS 192.660(2)(h), litigation; ORS 192.660(2)(d), labor negotiations; ORS 192.660(2)(b), personnel issues; or other executive session categories.*

*Executive sessions are closed to the public; however, with few exceptions and under specific guidelines, are open to the media.*

## ADJOURN



Deschutes County encourages persons with disabilities to participate in all programs and activities. This event/location is accessible to people with disabilities. If you need accommodations to make participation possible, please call (541) 617-4747.

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BOARD OF  
COMMISSIONERS

**AGENDA REQUEST & STAFF REPORT**

**MEETING DATE:** Monday, August 2, 2021

**SUBJECT:** PRESENTATION: Portland General Electric Pelton Round Butte Project Update

**ATTENDANCE:**

*Jim Manion, Warm Springs Power Enterprises*

*Megan Hill, Portland General Electric*

*Wendy Veliz, Portland General Electric*

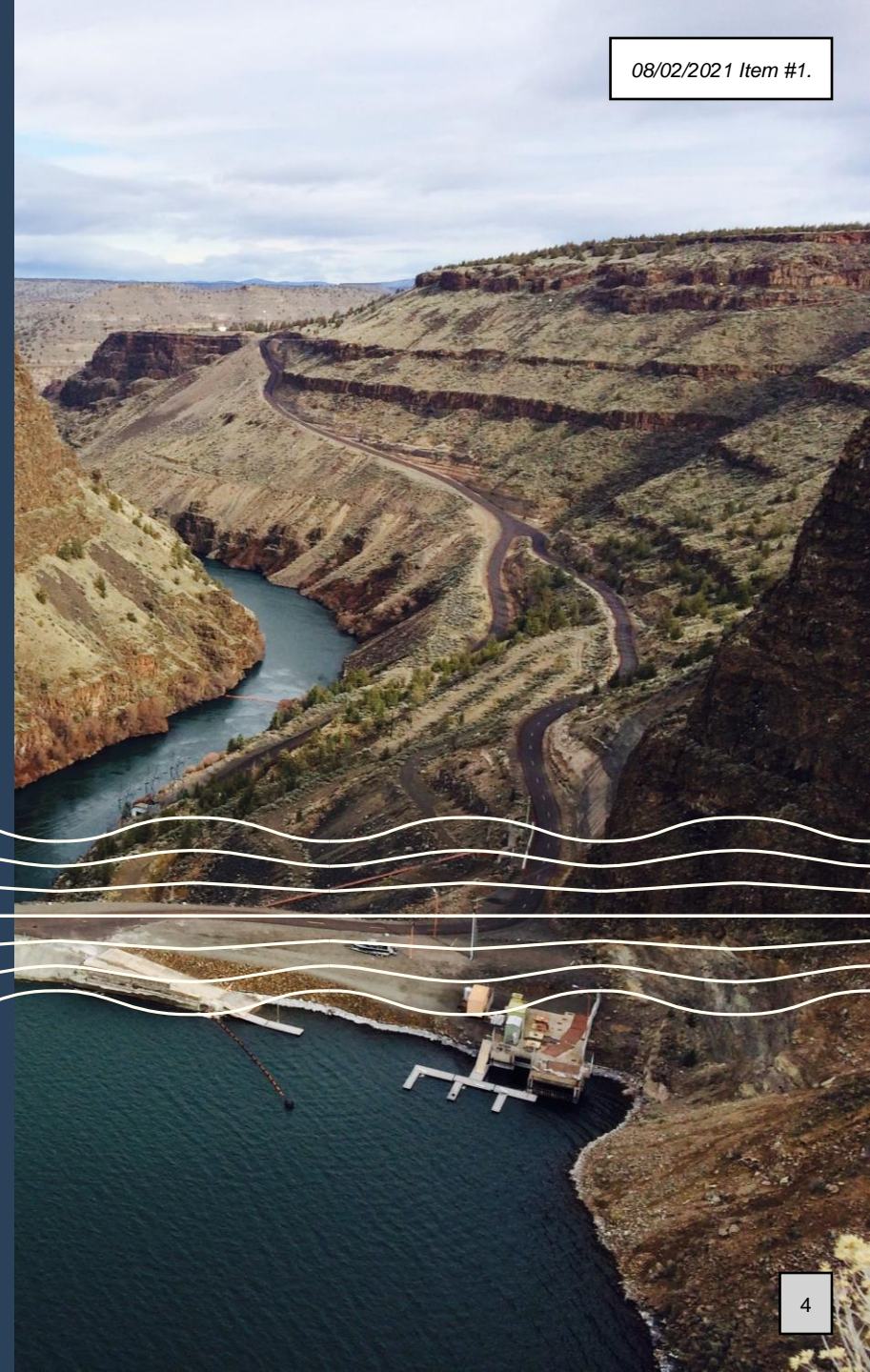
# 2021 Pelton Round Butte Update

JIM MANION

WARM SPRINGS POWER ENTERPRISES

MEGAN HILL

PORTLAND GENERAL ELECTRIC



# Project Goals



Ron Suppah (Confederated Tribes of Warm Springs Tribal Council Chairman), Peggy Fowler (CEO of Portland General Electric) and Gail Norton (Secretary of the Department of the Interior) at the signing ceremony for the Settlement Agreement, a 22-party agreement reached in 2004. This collaborative agreement formed the basis for the FERC License issued in 2005.

- Generate clean renewable power for Oregon
- Provide recreational opportunities
- Return sustainable harvestable salmon and steelhead to the Upper Deschutes basin
- Restore the Deschutes watershed to a more natural state





# Generate Emissions Free Electricity



- **Capacity:** ~500 MW
- **Serves:** ~150,000 homes
- **Dam Facts:**
  - Round Butte
    - Earthen Fill
    - 1,382 ft long, 440 ft high
  - Pelton
    - Concrete Arch
    - 636 ft long, 204 ft high
  - Reregulating
    - Run-of-river operations
    - 1,067 ft long, 88 ft high
- **Employees:** 46
- **Certified by the Low Impact Hydro Institute**






# Recreation Opportunities



  
4 Campgrounds

  
2 Overlooks

  
5 Day Use Areas

  
2 Trails





# Returning adult Chinook, steelhead and sockeye



- Adults have been documented spawning in all upstream tributaries.
- 147 Chinook are currently spawning in their historic habitat.



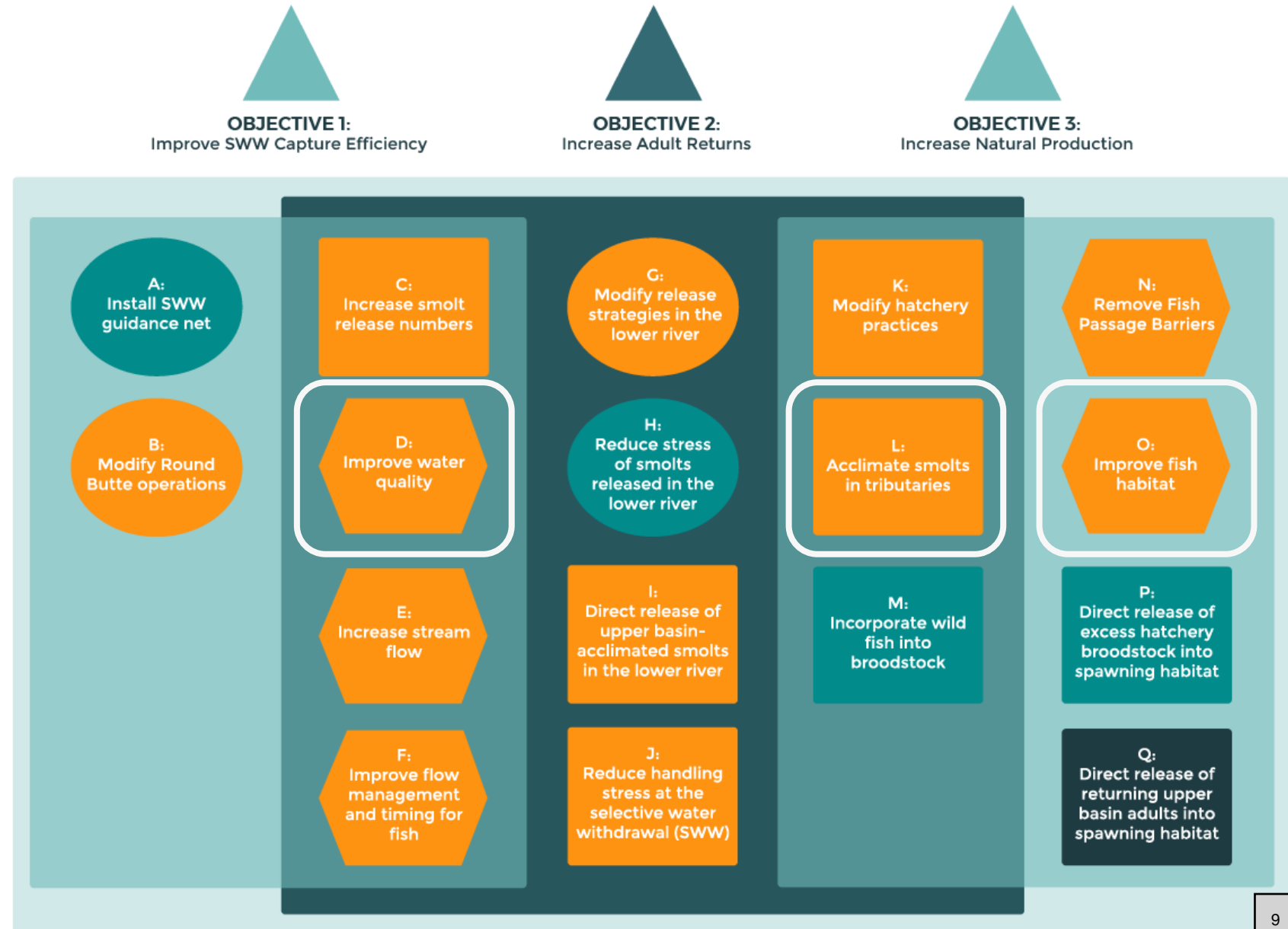
### Interactive. Click for...

- Description
- Anticipated Outcome
- Evaluation Method
- Timeline
- Lead organization or agency
- Fish Committee role
- Relevant studies, actions, decisions

### Legend

-  Present & Future
-  Under Consideration
-  For Future Consideration
-  Basin-wide cooperative effort
-  Co-manager led strategy
-  Licensee led strategy

## GOAL: SELF-SUSTAINING AND HARVESTABLE RUNS OF CHINOOK, SOCKEYE, AND STEELHEAD



# Collaboration and Adaptation



- **2017:** Pilot study shows that acclimated fish as much as 2.5 times more likely to enter the SWW
- **2018:** 16% of fish acclimated
- **2019:** 30% acclimated (record snow delays)
- **2020:** 87% of fish acclimated
- **2021:** 100% of fish acclimated
- **2022:** First acclimated adult returns from major acclimation program





# Following the Science- Water Quality Study



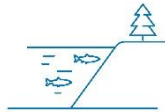
**2015-2017**  
years data were collected



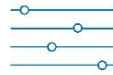
**12**  
sites sampled in the  
Lower Deschutes River



**11**  
tributaries sampled



**6**  
sites sampled in  
the reservoirs



**23**  
parameters measured



**226**  
days spent sampling



**645**  
rocks scraped for  
periphyton samples



**1997**  
year historical water quality  
study was conducted



**4**  
models developed  
and tested



**11**  
scenarios modeled



**9,500+**  
water quality data points  
measured in a lab



**13**  
PGE staff involved in  
data collection





# Improving Fish Habitat- Pelton Fund



17

Fish passage barriers removed and/or modified



14,076

Acres protected



69

Miles of riparian area livestock fences built or restored



9

Miles of rivers and streams protected



## 2006-2017

- \$ 13,000,000
- 16 organization
- 48 projects

## 2020

- \$4,500,000
- 7 organizations
- 13 projects

## 2021 (in progress)

- \$1,300,000
- Focus on Crooked River where need is greatest



# For more information:



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