

Categorical Exclusion Determination

Bonneville Power Administration
Department of Energy



Proposed Action: FY21 Chemawa District Priority Pole Replacements

Project No.: 4910

Project Manager: Jeffrey Hurt, TEPL-TPP-2

Location: Benton, Clackamas, Marion, Tillamook, Washington, and Yamhill counties, Oregon

Categorical Exclusion Applied (from Subpart D, 10 C.F.R. Part 1021): B1.3 Routine Maintenance

Description of the Proposed Action: BPA proposes to replace deteriorating wood pole structures and associated structural/electrical components (e.g., cross arms, insulators, guy anchors, etc.) on multiple transmission lines in the Chemawa district.

See table below for structure names and locations on the transmission lines.

Transmission Line/ROW	Structure #	County, State
Carlton-Tillamook #1	14/4	Yamhill, OR
Oregon City-Chemawa #2	10/4	Marion, OR
Timber Tap to Forest Grove-Tillamook #1	2/7	Washington, OR
Oregon City-Canby #1	2/2, 3/17, 4/5	Clackamas, OR
Adair Tap to Salem-Albany #2	1/12	Benton, OR
Boyer-Tillamook #1	15/4	Tillamook, OR
Forest Grove-Tillamook #1	28/8	Tillamook, OR

Replacement would be in-kind and would utilize the existing holes to minimize ground disturbance to the extent practicable. If necessary, an auger or other equipment would be used to remove any loose soil from the existing hole prior to new wood pole placement. Work areas would be about 50 feet by 50 feet at each of the structure replacement locations. Work areas may need to be mowed if vegetation is present.

Access road maintenance would be limited to minor blading, grading, and rocking of access road segments that have become impassable. All road maintenance would take place in the existing road prism. Additional road work along Timber Tap to Forest Grove-Tillamook No 1 would take place from 2/7 back to 2/6 as well as Oregon City-Canby No 1 from 4/6 back to 4/5. Road improvements as well as a landing would also be required to complete the proposed work at Boyer-Tillamook No 1 15/4.

The proposed action would allow safe and timely access to the transmission line, which would help reduce outage times and maintain reliable power in the region. All work would be in accordance with the National Electrical Safety Code and BPA standards.

Findings: In accordance with Section 1021.410(b) of the Department of Energy's (DOE) National Environmental Policy Act (NEPA) Regulations (57 FR 15144, Apr. 24, 1992, as amended at 61 FR 36221-36243, Jul. 9, 1996; 61 FR 64608, Dec. 6, 1996, 76 FR 63764, Nov. 14, 2011), BPA has determined that the proposed action:

- 1) fits within a class of actions listed in Appendix B of 10 CFR 1021, Subpart D (see attached Environmental Checklist);
- 2) does not present any extraordinary circumstances that may affect the significance of the environmental effects of the proposal; and
- 3) has not been segmented to meet the definition of a categorical exclusion.

Based on these determinations, BPA finds that the proposed action is categorically excluded from further NEPA review.

/s/ Jonnel Deacon

Jonnel Deacon

Physical Scientist (Environmental)

Concur:

/s/ Sarah T. Biegel

Sarah T Biegel

Date: June 12, 2023

NEPA Compliance Officers

Attachment(s): Environmental Checklist

Categorical Exclusion Environmental Checklist

This checklist documents environmental considerations for the proposed project and explains why the project would not have the potential to cause significant impacts on environmentally sensitive resources and would meet other integral elements of the applied categorical exclusion.

Proposed Action: FY21 Chemawa District Priority Pole Replacements.

Project Site Description

See table below for structure names and locations on the transmission lines.

Transmission Line/ROW	Structure #	County, State
Carlton-Tillamook #1	14/4	Yamhill, OR
Oregon City-Chemawa #2	10/4	Marion, OR
Timber Tap to Forest Grove-Tillamook #1	2/7	Washington, OR
Oregon City-Canby #1	2/2, 3/17, 4/5	Clackamas, OR
Adair Tap to Salem-Albany #2	1/12	Benton, OR
Boyer-Tillamook #1	15/4	Tillamook, OR
Forest Grove-Tillamook #1	28/8	Tillamook, OR

Structures being replaced are in a mix of agricultural, industrial, and forest land. No waterbodies or wetlands would be impacted in project work areas.

Evaluation of Potential Impacts to Environmental Resources

1. Historic and Cultural Resources

Potential for Significance: No

Explanation: BPA initiated consultation with the Oregon State Historic Preservation Office (SHPO), Confederated Tribes of the Siletz, Confederated Tribes of Grand Ronde, United States Forest Service – Siuslaw National Forest, and Oregon State Department of Forestry on October 19, 2022. No responses were received within 30 days. BPA sent a Determination of Effect letter to the above parties on May 11, 2023, with a Determination of No Adverse Effect to Historic Properties. No responses were received within 30 days.

Notes:

2. Geology and Soils

Potential for Significance: No

Explanation: Localized soil disturbance would occur during wood pole replacement and access road improvements. Standard construction erosion control measures would be utilized as necessary.

3. Plants (including Federal/state special-status species and habitats)

Potential for Significance: No

Explanation: Minimal disturbance to vegetation is anticipated. There would be no effect to ESA-listed plant species. No impacts to state or federally sensitive species are anticipated. Project activities would be limited to the already impacted access road and transmission line right-of-way and would not substantially alter existing plant communities.

4. Wildlife (including Federal/state special-status species and habitats)

Potential for Significance: No

Explanation: In general, the project would have a small impact to wildlife and habitat related to temporary disturbance associated with elevated equipment noise and human presence. The project would have no impacts to state or federally listed sensitive species.

5. Water Bodies, Floodplains, and Fish (including Federal/state special-status species, ESUs, and habitats)

Potential for Significance: No

Explanation: The project area is not located within a floodplain and there are no nearby water bodies that support resident, anadromous, or ESA-listed fish. Erosion control best management practices combined with the distance to the nearest waterbody would ensure that sedimentation would not enter into any water body.

6. Wetlands

Potential for Significance: No with conditions

Explanation: No permanent impacts to regulated wetlands would occur.

7. Groundwater and Aquifers

Potential for Significance: No

Explanation: No use of groundwater proposed. Maximum depth of disturbance would be about 12 feet below ground surface.

8. Land Use and Specially-Designated Areas

Potential for Significance: No

Explanation: No change in land use. No specially-designated areas.

9. Visual Quality

Potential for Significance: No

Explanation: All work would be performed within existing transmission line right-of-way and access road prisms. Replacement of the wood pole and associated components would be in kind and replaced in the same location; therefore, there would not be a change to the visual quality of the area.

10. Air Quality

Potential for Significance: No

Explanation: The project would have a temporary impact on air quality from a small amount of vehicle emissions and dust generated during construction.

11. Noise

Potential for Significance: No

Explanation: There would be temporary construction noise. Operational noise of the transmission line would not change.

12. Human Health and Safety

Potential for Significance: No

Explanation: The proposed action would allow safe and timely access to the transmission line which would help reduce outage times and maintain reliable power in the region.

Evaluation of Other Integral Elements

The proposed project would also meet conditions that are integral elements of the categorical exclusion. The project would not:

Threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders.

Explanation: N/A

Require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators) that are not otherwise categorically excluded.

Explanation: N/A

Disturb hazardous substances, pollutants, contaminants, or CERCLA excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases.

Explanation: N/A

Involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those of the Department of Agriculture, the Environmental Protection Agency, and the National Institutes of Health.

Explanation: N/A

Landowner Notification, Involvement, or Coordination

Description: All activities have been coordinated with landowners.

Based on the foregoing, this proposed project does not have the potential to cause significant impacts to any environmentally sensitive resource.

Signed: /s/ Jonnel Deacon
Jonnel Deacon
EPR-4

Date: June 12, 2023