

Categorical Exclusion Determination

Bonneville Power Administration

Department of Energy



Proposed Action: Shelton-Fairmount No. 1 switches replacement project

Project Manager: Gary Beck TEP-TPP-1

Location: Jefferson County, Washington

Categorical Exclusion Applied (from Subpart D, 10 C.F.R. Part 1021): B4.6: Additions and modifications to transmission facilities.

Description of the Proposed Action: BPA proposes to replace and/or install new switching structures at the two project locations. At Quilcene Substation, two replacement wood pole structures and the new switches will be installed near the original location in a realigned configuration. At Duckabush Substation, a new wood pole structure and switch, and a replacement wood pole structure and new switch will be installed in line with the transmission line on either side of the station. A grounding well will be installed between each switch and the outside the substation within the right of way easement.

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, July 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/ Joseph Sharpe for

Greg Tippetts KEPR/Olympia
Olympia District Environmental Scientist

Concur:

/s/ Katherine S. Pierce
NEPA Compliance Officer

Date: June 17, 2015

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:

Project Site Description

The subject project areas are located in Jefferson County, Washington, in the Bonneville Power Administration's (BPA) Olympia Maintenance District. The project consists of two sites along BPA's Shelton-Fairmount #1, 115 kV transmission line adjacent to two customer owned substations near the towns of Brinnon and Quilcene. Both project locations are privately- owned and include rural residential and agricultural properties.

Evaluation of Potential Impacts to Environmental Resources

Environmental Resource Impacts	No Potential for Significance	No Potential for Significance, with Conditions
1. Historic and Cultural Resources	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p><u>Explanation:</u> A cultural resources survey and Section 106 consultation was completed for the project APE. No resources were identified in the vicinity of the proposed work areas. Washington DAHP agreed with a no effects determination from the survey report on 11/10/2014, Log No.: 091514-02-BPA. The consulted tribes, Jamestown S'Klallam and Skokomish, had no comment during the process. If resources are discovered during construction activities, work will cease and the appropriate archaeological resources (BPA and WA DAHP) will be contacted.</p>		
2. Geology and Soils	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p><u>Explanation:</u> Storm water BMPs will be used during the project to protect the surrounding area from runoff and erosion issues.</p>		
3. Plants (including federal/state special-status species)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p><u>Explanation:</u> No species with special-status are known to occur at the sites. Site development will be confined to previously disturbed areas currently used for parking and staging.</p>		
4. Wildlife (including federal/state special-status species and habitats)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p><u>Explanation:</u> A no effect determination for ESA species and critical habitats was completed for the project.</p>		

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



Explanation: A no effect determination addressing ESA aquatic species and ESUs was completed for the project. The sites do not include any water bodies or nearby connections to any waterbodies, including any fish bearing streams. Any potentially affected drainage area will be protected with appropriate storm water BMPs.

6. **Wetlands**



Explanation: No wetlands are involved in the project area.

Storm water BMPs will be used during the project to protect the surrounding area from runoff and erosion into nearby drainages.

7. **Groundwater and Aquifers**



Explanation: The project does not involve any drilling or deep excavations. All spills will be addressed immediately and follow BPA protocol for cleanup and regulatory notifications.

8. **Land Use and Specially Designated Areas**



Explanation: The property is already used as an electrical transmission facility and does not include any special designated areas.

9. **Visual Quality**



Explanation: The project is located on BPA fee-owned property and is located away from any public roads or residences.

10. **Air Quality**



Explanation: The project has a short duration and involves normal construction equipment activities.

11. **Noise**



Explanation: The project is located away from any populated areas and places of residence. Noise disturbance will be limited to general construction equipment activities and be for a short duration.

12. **Human Health and Safety**



Explanation: Completion of this project will increase system stability and reliability to the service area.

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, if necessary:

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

Explanation, if necessary:

- 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, if necessary:

- 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, if necessary:

Landowner Notification, Involvement, or Coordination

Description: The project will be confined to BPA fee owned property.

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

Signed: */s/ Joseph Sharpe for*
Greg Tippetts KEPR/Olympia
Olympia District Environmental Scientist

Date: *June 17, 2015*