

# memorandum

DATE: May 21, 2014

REPLY TO  
ATTN OF: KEC-4

SUBJECT: Environmental Clearance Memorandum

TO: Joan Kendall  
Project Manager – TERR-3**Proposed Action:** Murray, Snohomish, and Sno-King Substations Equipment Acquisition**Categorical Exclusion Applied (from Subpart D, 10 C.F.R. Part 1021):** B1.24 Property transfers**Location:** Snohomish, Bothell, and Arlington, Snohomish County, Washington**Proposed by:** Bonneville Power Administration (BPA)

**Description of the Proposed Action:** BPA proposes to purchase equipment owned by Public Utility District No. 1 of Snohomish County (Snohomish) within BPA's Murray, Snohomish, and Sno-King substations. BPA already maintains all Snohomish's equipment in the substations under an operations and maintenance agreement; Table 1 lists all equipment BPA would purchase from Snohomish. The sale would support BPA's policy of simplifying mixed ownership arrangements at BPA substations. The transfer in ownership to BPA would not change the use of the equipment, and would not create the potential to release substances at a level or in a form that could pose a threat to public health or the environment.

**Table 1. Equipment to be purchased from Public Utility District No. 1 of Snohomish County**

Facility Name	Asset
Murray Substation	Bay 24: 115-kV power circuit breaker for Granite Falls line
	MW <sup>1</sup> and MVAR <sup>2</sup> transducers and "a" repeat relays in Bays 21 and 23
	Voltage transducer for the 115-kV main bus
	MWh <sup>3</sup> and MVARh <sup>4</sup> repeat relays
	Remote terminal unit
Snohomish Substation	Bay 15: 115-kV power circuit breaker
	Bay 15: 115-kV three disconnect switches
	Bay 15: control panels, metering and SCADA, plus Snohomish data acquisition equipment (including kilowatt hour quantity)
	Bay 15: three current transformers
	Bay 15: three voltage transformers
	Bay 2: SCADA <sup>5</sup> systems, plus Snohomish data acquisition equipment (including kwh quantity)
	Bay 10: SCADA systems, plus Snohomish data acquisition equipment (including kwh quantity)

	Bay 15: SCADA systems, plus Snohomish data acquisition equipment (including kwh quantity)
	MW and MVAR transducers and "a" repeat relays in Bays 3, 9, 11, 12, and 14
	Voltage transducers for 115-kV east and west bus, main bus section 1
	Voltage transducers for 115-kV east and west bus, main bus section 3
	Voltage transducers for 115-kV east and west bus, main bus section west
	MWH and MVARH repeat relays and totalizer
	Remote terminal unit
Sno-King Substation	Bay 20: 115-kV power circuit breaker (3,000 amp, 50-kiloamp)
	115 kV – Three 1,600 amp disconnect switches in Bay 20
	Protection scheme, control and alarm/events circuits for Bay 20.
	115 kV – Two 1,600 amp disconnect switches in Bay 17
	MW and MVAR transducers and "a" repeat relays in Bays 11, 12, 13, 15, and 16
	Voltage transducer for the 115-kV main bus
	MWh and MVARh repeat relays and totalizer
	Remote terminal unit

<sup>1</sup> MW: megawatt

<sup>2</sup> MVAR: megawatt ampere reactive

<sup>3</sup> MWh: megawatt hour

<sup>4</sup> MVARh: megawatt ampere reactive hour

<sup>5</sup> SCADA: supervisory control and data acquisition

**Findings:** BPA has determined that the proposed action complies with Section 1021.410 and Appendix B of Subpart D 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). The proposed action does not present any extraordinary circumstances that may affect the significance of the environmental effects of the proposal. The proposal is not connected [40 C.F.R. 1508.25(a)(1)] to other actions with potentially significant impacts, has not been segmented to meet the definition of a categorical exclusion, is not related to other proposed actions with cumulatively significant impacts [40 C.F.R. 1508.25(a)(2)], and is not precluded by 40 C.F.R. 1506.1 or 10 C.F.R. 1021.211. Moreover, the proposed action would not (i) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, (ii) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities, (iii) disturb hazardous substances, pollutants, contaminants, or Comprehensive Environmental Response, Compensation and Liability Act-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases, (iv) have the potential to cause significant impacts on environmentally sensitive resources, or (v) 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.

This proposed action meets the requirements for the Categorical Exclusion referenced above. We therefore determine that the proposed action may be categorically excluded from further NEPA review and documentation.

*/s/ Justin T. Moffett*  
Justin T. Moffett  
Environmental Project Manager

Concur:

*/s/ Katherine S. Pierce*  
Katherine S. Pierce  
NEPA Compliance Officer

Date: *May 21, 2014*

Attachment(s):  
Environmental Checklist for Categorical Exclusions

# Environmental Checklist for Categorical Exclusions

Name of Proposed Project: Murray, Snohomish, and Sno-King substations Equipment Acquisition

Work Order #: 299398, 299392, 299397

This project does **not** have the potential to cause significant impacts on the following environmentally sensitive resources. See 10 CFR 1021, Subpart D, Appendix B for complete descriptions of the resources. This checklist is to be used as a summary – further discussion may be included in the Categorical Exclusion Memorandum.

<u>Environmental Resources</u>	<u>No Potential for Significance</u>	<u>No Potential, with Conditions (describe)</u>
1. Historic Properties and Cultural Resources	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. T & E Species, or their habitat(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Floodplains or wetlands	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Areas of special designation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Health & safety	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Prime or unique farmlands	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Special sources of water	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Other (describe)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Signed: /s/ Justin T. Moffett

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