

CATEGORICAL EXCLUSION DETERMINATION



Western Area
Power Administration
Rocky Mountain Region

**Proposed Action Title: Shiprock-Waterflow 13.8-kV Distribution Line
Structure Replacements and Fiber Optic Cable Installation**

Location: San Juan County, New Mexico

Project Number: 2022-050

Expiration Date: December 31, 2028

A. PROPOSED ACTION DESCRIPTION:

Western Area Power Administration (WAPA), Rocky Mountain Region (RMR), proposes to replace distribution structures and install all-dielectric self-supporting (ADSS) fiber optic cable on its existing Shiprock-Waterflow (SHR-WTF) 13.8-kV Distribution Line in San Juan County, New Mexico. The purpose of this project is to update and improve WAPA's communication system. The ADSS will be installed below the conductor on the SHR-WTF wood single-pole structures from the Shiprock (SHR) Substation (SHR-WTF Structure 0/1) to the Waterflow (WTF) Substation (SHR-WTF Structure 1/18). At the SHR and WTF substations, the ADSS will be extended into the control buildings and terminated at existing WAPA fiber termination panels. Prior to the ADSS installation, existing structures on the SHR-WTF distribution line will be replaced as needed to ensure the structures can support the new cable. In addition, new wood single-pole structures will need to be installed immediately outside the SHR and WTF substations to support bringing the cable into the substation yards. The new distribution structures will have minor structural updates to meet current WAPA design standards, but they will be visually similar to the existing structures. The full scope of the structure replacements and new structure installations will include removing the existing structures that need to be replaced, re-auguring the existing structure holes or auguring new structure holes, installing the new wood single-pole structures, backfilling the structure holes, and installing new hardware. Equipment used for this project may include bucket trucks, truck-mounted augers and cranes, wire pullers and tensioners, cable reel trailers, splicing trailers, skid-steer loaders, utility trucks, pole trailers, and equipment trailers. Work will be confined to WAPA's facilities, WAPA's existing ROW on public lands managed by the Bureau of Land Management (BLM), and a small area outside the WTF Substation where WAPA will obtain use authorization from the BLM. The work area will be accessed by existing access routes; no access road maintenance or new road construction is authorized.

B. STIPULATIONS PERTAINING TO PROPOSAL:

- 1) If the scope of work of this project changes, RMR's Environment Department must be contacted to determine whether additional environmental review is required.
- 2) **This Categorical Exclusion expires on December 31, 2028.** If all project work has not been completed by the expiration date, or if the need for an environmental compliance extension is anticipated, RMR's Environment Department must be contacted for an updated environmental review.

- 3) **The Environmental Restrictions Area (ERA) map provided to WAPA’s maintenance crews and/or Contractor(s) includes cultural resource boundaries.** All heavy equipment used within these cultural resource boundaries must remain on existing access roads. If heavy equipment must be used off-road within these cultural resource boundaries, an RMR Archeologist must be contacted at (970) 302-4753, (970) 286-3523, or (970) 658-6794. No off-road heavy equipment use within these cultural resource boundaries is authorized until written notification to proceed is provided by an RMR Archeologist.
- 4) Any injured or orphaned birds and all observed active nests must be immediately reported to RMR Environment at (970) 593-8803 or (970) 342-6462. Any dead birds must be reported to RMR Environment twenty-four (24) hours of discovery. Additional documentation, such as photographs and GPS coordinates, may be requested to support RMR’s reporting requirements to the U.S. Fish and Wildlife Service.
- 5) If any cultural resources are inadvertently discovered during implementation of the proposed action, work within 100 feet of the discovery area must halt immediately, and an RMR Archeologist must be contacted immediately at (970) 302-4753 or (970) 286-3523. Work in the area of discovery must not resume until notification to proceed is provided by an RMR Archeologist.
- 6) If any possible human remains are inadvertently discovered during implementation of the proposed action, work within 100 feet of the discovery area must halt immediately, and an RMR Archeologist must be notified immediately at (970) 302-4753 or (970) 286-3523 (no later than 24 hours from the time of discovery). A reasonable effort must be made to protect the remains from looting and/or further damage. Work in the area of discovery must not resume until notification to proceed is provided by an RMR Archeologist.
- 7) Vehicles and equipment (trailers, trucks, UTVs, etc.) will not be moved between work areas without first taking reasonable measures to ensure they are free of soil, seeds, vegetation matter, or other debris that could contain noxious weed seeds.
- 8) Activities involving the use of fuel, oil, hydraulic fluid, or other petroleum products must comply with RMR’s Spill Response Plan (SRP).

C. NUMBER AND TITLE OF THE CATEGORICAL EXCLUSION BEING APPLIED:

(See text in 10 CFR 1021, Subpart D.)

B4.7. Fiber optic cable

D. REGULATORY REQUIREMENTS 10 CFR 1021.410 (b): (See full text in regulation)

- The proposed action fits within a class of actions that is listed in Appendix A or B of 10 CFR 1021.



To fit within the classes of actions listed in Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of the Department of Energy (DOE) or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances; pollutants; contaminants; or Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR 1021, Subpart D, Appendix B; (5) 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.

There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.

The proposal has not been improperly segmented, and the proposal is not connected to other actions with potentially significant impacts, is not related to other proposed actions with cumulatively significant impacts, and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211.

E. DETERMINATION:

Based on my review of information conveyed to me and in my possession (or attached) concerning the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1B), I have determined that the proposed action fits within the specified class(es) of action, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

Digitally signed by James Wood
Date: 2023.04.27 08:41:50 -06'00'

Signature and Date

James Wood, Regional Environmental Manager
Rocky Mountain Region
Western Area Power Administration

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