



U.S. Department of Energy Categorical Exclusion Determination Form

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Proposed Action Title: HVAC Replacement at Rattlesnake Substation for 2017-2018

Program or Field Office: Western Area Power Administration/ Desert Southwest Region

Location(s) (City/County/State): Pinal County, Arizona

Proposed Action Description:

Western Area Power Administration (WAPA), Desert Southwest Region (DSW), plans to replace heating, ventilation, and air conditioning (HVAC) units at the Rattlesnake substation during 2017-2018. The HVAC components to be replaced are as follows: air handler units, wall mount units, thermostats, heating and cooling elements including refrigerants, fuse disconnects, boxes, ductwork, seals, conduits, wiring, insulation, drain piping, drip pans, UV-rated liquid tight, wet switches, unistrut/hangers and support, and anchors. All ductwork is exposed; there would be no cutting or removal of drywall/plaster, or other visible items.

This work will be performed in conjunction with similar work at other 8 substations that are part of the Parker-Davis system: Amargosa, ED4, Gila, Griffith, Kofa, McConnico, Nogales, and Sundance. Maintenance actions for the Parker-Davis system were analyzed in an environmental assessment (DOE/EA-1982) and not repeated here.

SEE CONTINUATION SHEET

Categorical Exclusion(s) Applied:

B1.3 - Routine maintenance

B1.4 - Air conditioning systems for existing equipment

For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, including the full text of each categorical exclusion, see Subpart D of [10 CFR Part 1021](#).

Regulatory Requirements in 10 CFR 1021.410(b): (See full text in regulation)

The proposal fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D.

To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, 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 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 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 Part 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 listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

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 segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

Based on my review of 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.

NEPA Compliance Officer:

Date Determined:

10.18.17

Categorical Exclusion Determination Form – Continuation Sheet
HVAC Replacement at Rattlesnake Substation for 2017-2018

Special Conditions:

- 1) If any cultural sites, paleontological sites, or human remains are discovered during the project, work in the area shall halt immediately, WAPA DSW's Regional Preservation Officer shall be contacted, and the material will be evaluated by an archaeologist or historian meeting the Secretary of the Interior's Professional Qualification Standards (48 FR 22716, Sept 1983) before work may continue.
- 2) To protect Sonoran Desert Tortoises:
 - a. If any tortoises are discovered during the project, the Contractor shall halt work immediately, WAPA DSW's Biologist shall be contacted, and a course of action will be determined before work may continue
 - b. Drive only on existing roads and disturbed ground, and follow appropriate/posted speed limits
 - c. Clean all trash from the work area
 - d. No pets are allowed at the work area, other than service animals
- 3) If any active or potentially active bird nests (e.g., Burrowing Owl burrows, and nests on human-built structures) are discovered during the project, work in the area shall halt immediately, WAPA DSW's Biologist shall be contacted, and the nest's status will be evaluated before work may continue.

bcc.

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