U.S. Department of Energy
Categorical Exclusion Determination Form

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Proposed Action Title: Parker Substation 161kV 2013 Breaker Replacement

Program or Field Office: Western Area Power Administration, Desert Southwest Regional Office

Location(s) (City/County/State): Parker, San Bernardino County, CA

Proposed Action Description:
Western Area Power Administration (Western) plans to replace five (5) existing 161kV oil power circuit breakers with SF6 gas power circuit breakers in the Parker 161kV Substation. The facility is located in Section 4, Township 2N, Range 27E in the town of Parker, San Bernardino County, CA. Four (4) SF6 gas breakers identified as PJ7E, PJ8E, PJ9E, and PJ10E will be installed in the Upper 161kV Switchyard. And one (1) SF6 gas breaker identified as PJ5E will be installed in the Lower 161kV Switchyard. The amount of oil in each breaker is 5250 gallons with a total of 26,250 gallons. Each breaker will be constructed thirty (30) days apart due to outage constraints. The work will be performed outside and conducted in a thirty (30) foot square area for each breaker. Parking and stored equipment will be determined at time of pre-con meeting. All work performed will utilize existing access roads and access corridors to carry equipment and personnel to the project site. Pick-up trucks as well as boom trucks will be used to remove the existing oil breakers and install the new SF6 breakers. Pump trucks will also be required to remove oil from the existing breakers.

The purpose of the breaker(s) replacement is due to age and leaks. The need for the work will maintain reliability, safety, and environmental requirements. The Parker site is BLM "withdrawn property" that is transfer of use (easement) for Western's transmission line purposes. The entire facility is situated on approximately 120 acres.

The anticipated start date for the work is November 1, 2013 and completed by April 30, 2014

Categorical Exclusion(s) Applied:
B4.6 - Additions and modifications to transmission facilities

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.

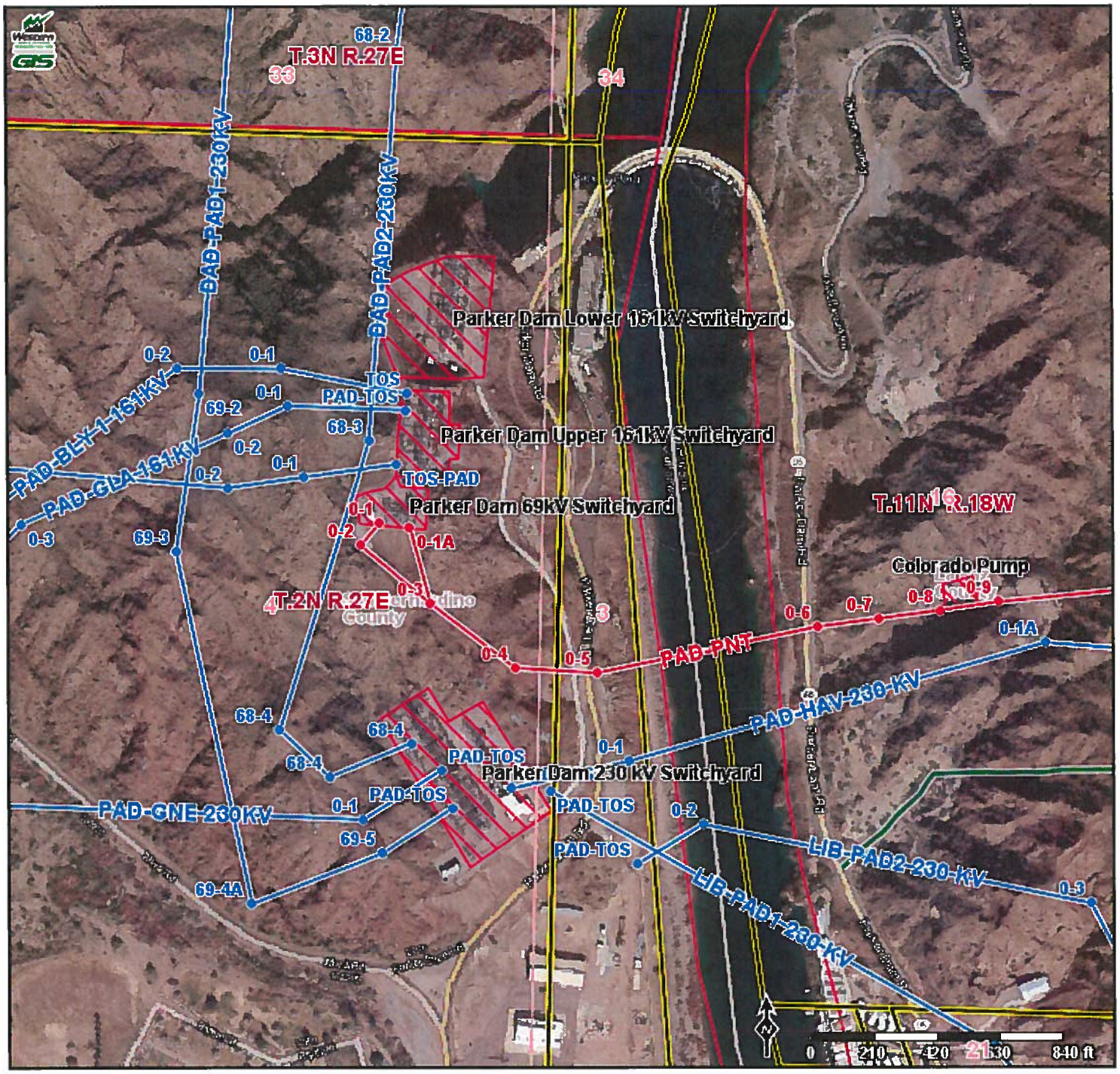
☑ There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.

☑ 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: Lorene Marient Date Determined: 5.17.13

Desert Southwest Region



Legend

- Complete Structure
- Incomplete Structure
- Distribution Structure
- Complete T-Line
- Complete T-Line DC
- Incomplete T-Line
- Incomplete T-Line DC
- Distribution Line
- Underground T-Line
- Access Road
- Documented Access Road
- ROW Maintenance Road
- Proposed New Access Road
- Non Western Documented Access Road
- Public Road
- Abandon Road
- Parcel Ownership Data
- Right of Way (ROW)
- Township & Range
- Sections
- Facility / Substation / Switchyard
- Proposed Facilities
- States
- Counties
- Color Aerial Photos (GEODIGITAL) - 2009 1 Foot -
- Google Aerials and Labels

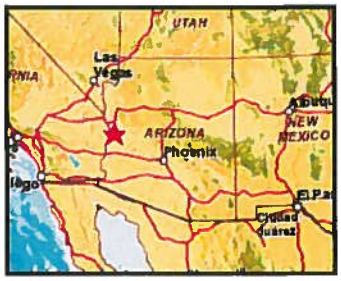
Map Parameters

UTM ZONE 12, NAD83
Scale 1:6,000

minx: 210147 *maxx:* 211719
miny: 3798382 *maxy:* 3799870

5/8/2013 3:10 P.M.

Western Area Power Administration
An agency of the U.S. Department of Energy



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