



U.S. Department of Energy Categorical Exclusion Determination Form

Submit by E-mail

Proposed Action Title: Bouse Hills Pumping Plant to Harcuvar 115-kV Transmission Line, Inset Structure Installation

Program or Field Office: Western Area Power Administration, Desert Southwest Region, Phoenix, Arizona

Location(s) (City/County/State): La Paz County, Arizona

Proposed Action Description:

Western Area Power Administration (Western) proposes to conduct maintenance activities along the existing Bouse Hills Pumping Plant to Harcuvar 115-kV transmission line. The project is on lands administered by the Bureau of Land Management in Township 7 North, Range 16 West, Section 10 in La Paz County, Arizona (Figures 1 and 2, Gila & Salt River Baseline and Meridian). The scope of work includes correcting design discrepancies along the existing transmission line segment. A discrepancy exists when field conditions of the transmission line are not compliant with design criteria. The purpose of the proposed project is to correct conductor clearance issues, thereby providing for the continued safe and reliable operation of the bulk transmission system.

Western will correct the conductor height where sagging has resulted in ground clearance issues. The ground clearance discrepancy is located mid-span, between structures 22-7 and 23-1. The identified problem span will be corrected by installing a wood H-frame inset structure between 22-7 and 23-1 to raise the conductor height. Access to the project area will be via existing public and service access roads. Portions of the existing service access road will be repaired and graded to allow for the safe passage of equipment. Equipment used on-site may include line trucks, bucket trucks/manlifts, crew trucks (F-550s or similar), bulldozer, grader, and backhoe. Project activities will start no sooner than January 5, 2014, and will take approximately two weeks to complete.

SEE CONTINUATION SHEET

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:

Shirley Maurer

Date Determined:

1.9.15

**Bouse Hills Pumping Plant to Harcuvar 115-kV Transmission Line
Inset Structure Installation
La Paz County, Arizona**

Categorical Exclusion Continuation Sheet

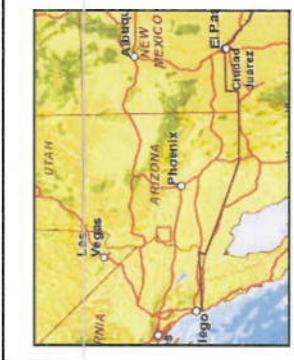
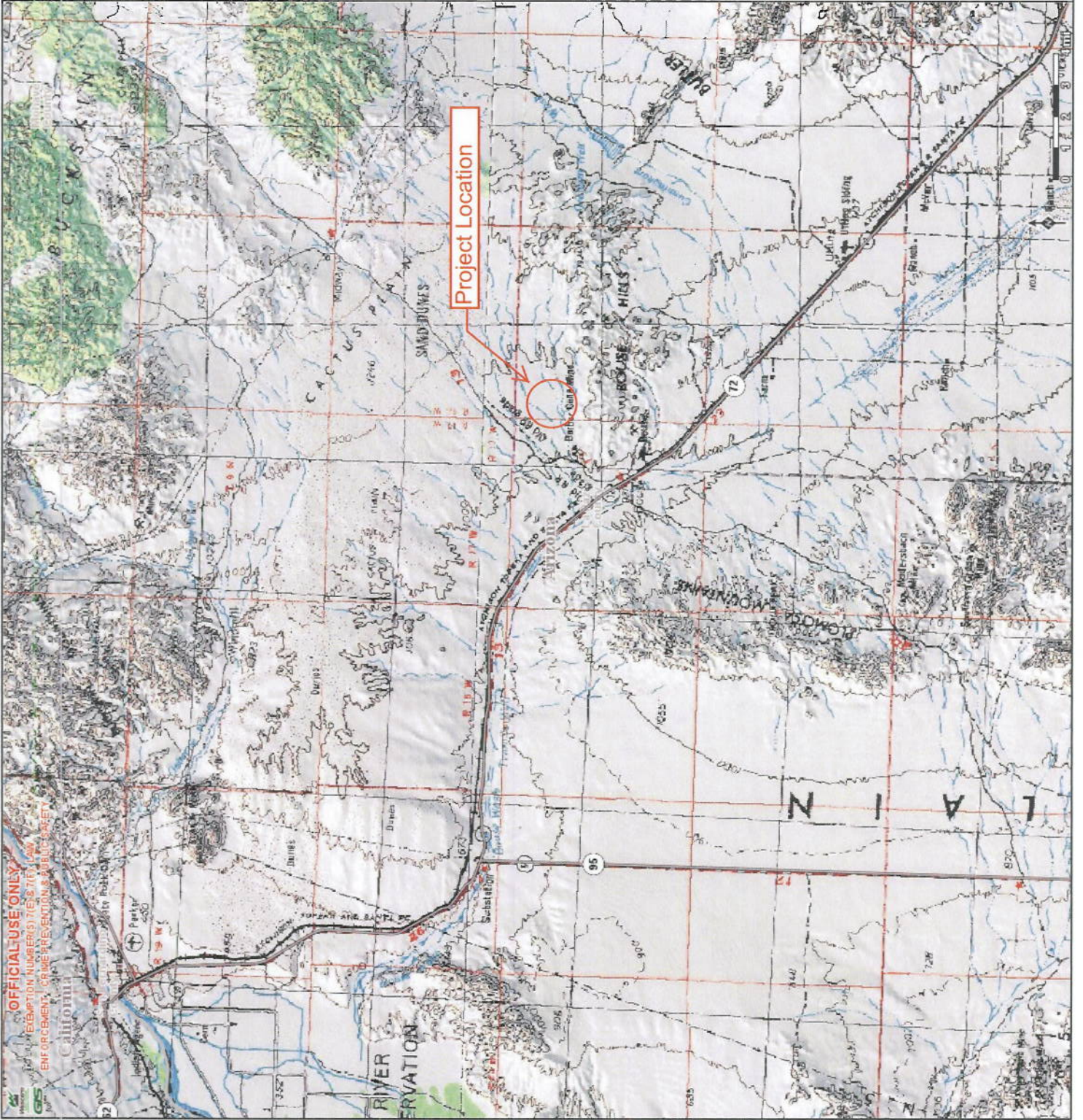
Special Conditions

1. Sonoran desert tortoises shall be avoided at all times. If a tortoise is located in imminent harm's way, Western Environmental Group (602-605-2640) will be contacted immediately. Desert tortoises may only be handled or moved by personnel as approved by Western Environmental Group, per the AGFD Guidelines for Handling Desert Tortoises (2007).
2. Western will comply with all terms and conditions of Section 404 Nationwide Permit No. #3 as established by the US Army Corps of Engineers, and conditions of the Section 401 Conditional Water Quality Certification, certified by the Arizona Department of Environmental Quality.

Checklist for Categorical Exclusion Determination, revised Nov. 2011

Application of Categorical Exclusions (1021.410)	Disagree	Agree	Unknown
(b)(1) The proposal fits within a class of actions that is listed in appendix A or B to subpart D.		X	
(b)(2) There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal, including, but not limited to, scientific controversy about the environmental effects of the proposal; uncertain effects or effects involving unique or unknown risks; and unresolved conflicts concerning alternate uses of available resources		X	
(b)(3) The proposal has not been segmented to meet the definition of a categorical exclusion. Segmentation can occur when a proposal is broken down into small parts in order to avoid the appearance of significance of the total action. The scope of a proposal must include the consideration of connected and cumulative actions, that is, the 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 § 1021.211 of this part concerning limitations on actions during EIS preparation.		X	
B. Conditions that are Integral Elements of the Classes of Actions in Appendix B. :	NO	YES	UNKNOWN
(1) Threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety and health, or similar requirements of DOE or Executive Orders.	X		
(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;	X		
(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;	X		
(4) Have the potential to cause significant impacts on environmentally sensitive resources. An environmentally sensitive resource is typically a resource that has been identified as needing protection through Executive Order, statute, or regulation by Federal, state, or local government, or a federally recognized Indian tribe. An action may be categorically excluded if, although sensitive resources are present, the action would not have the potential to cause significant impacts on those resources (such as construction of a building with its foundation well above a sole-source aquifer or upland surface soil removal on a site that has wetlands). Environmentally sensitive resources include, but are not limited to:	X		

(i)	Property (such as sites, buildings, structures, and objects) of historic, archaeological, or architectural significance designated by a Federal, state, or local government, or property determined to be eligible for listing on the National Register of Historic Places;	X		
(ii)	Federally-listed threatened or endangered species or their habitat (including critical habitat) or Federally- proposed or candidate species or their habitat (Endangered Species Act); state-listed or state-proposed endangered or threatened species or their habitat; Federally-protected marine mammals and Essential Fish Habitat (Marine Mammal Protection Act; Magnuson-Stevens Fishery Conservation and Management Act); and otherwise Federally-protected species (such as under the Bald and Golden Eagle Protection Act or the Migratory Bird Treaty Act);	X		
(iii)	Floodplains and wetlands (as defined in 10 CFR 1022.4, —Compliance with Floodplain and Wetland Environmental Review Requirements: “Definitions,” or its successor);	X		
(iv)	Areas having a special designation such as Federally- and state-designated wilderness areas, national parks, national monuments, national natural landmarks, wild and scenic rivers, state and Federal wildlife refuges, scenic areas (such as National Scenic and Historic Trails or National Scenic Areas), and marine sanctuaries;	X		
(v)	Prime or unique farmland, or other farmland of statewide or local importance, as defined at 7 CFR 658.2(a), —Farmland Protection Policy Act: Definitions, or its successor;	X		
(vi)	Special sources of water (such as sole-source aquifers, wellhead protection areas, and other water sources that are vital in a region); and	X		
(vii)	Tundra, coral reefs, or rain forests.; or	X		
(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.	X		



Desert Southwest Region
 Western Area Power Administration
 An Agency of the U.S. Department of Energy

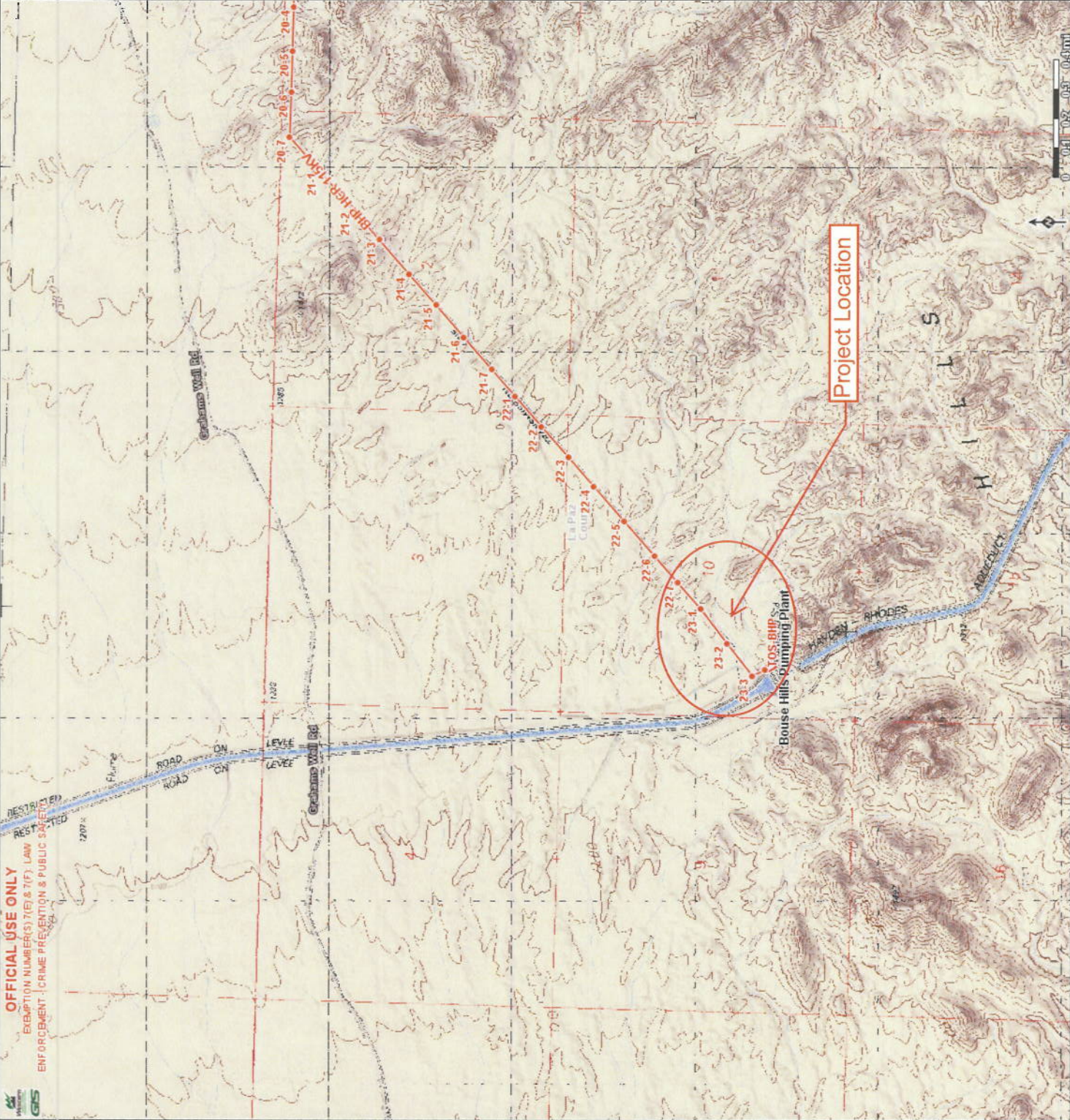
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- INTERSTATE HIGHWAY
- MAJOR HIGHWAY (US/STATE)
- States
- Counties
- USA Topo Maps (ESRI)

Figure 1. Project Location Overview

OFFICIAL USE ONLY
 EXEMPTION NUMBERS (E) & (F) - LAW
 ENFORCEMENT - CRIME PREVENTION & PUBLIC SAFETY



Desert Southwest Region
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- Proposed and Re-route Structure
- Complete Structure
- Incomplete Structure
- Distribution Structure
- Proposed or Re-route T-Line
- Complete T-Line
- Complete T-Line DC
- Incomplete T-Line
- Incomplete T-Line DC
- Distribution Line
- Underground T-Line
- INTERSTATE HIGHWAY
- MAJOR HIGHWAY (US/STATE)
- RESIDENTIAL ROAD
- RAMP
- UNPAVED ROAD
- Facility / Substation / Switchyard
- Proposed Facilities
- States
- Counties
- USGS 24K Topo-Quats
- Google Terrain

Figure 2. Project Location