U.S. Department of Energy
Categorical Exclusion Determination Form

Program or Field Office: Energy Efficiency and Conservation Block Grants

Project Title: Standing Rock Sioux Tribe Wind Energy Project

Location: *- Multiple States - Standing Rock Sioux Tribe

Proposed Action or Project Description: American Recovery and Reinvestment Act: ☒

The Tribe proposes to install two 6 kW wind turbines at Sitting Bull College in Fort Yates, ND, on the Standing Rock Indian Reservation. The two turbines would provide electricity to both the Science Building and the Transit Center. The following system components would be installed to provide functioning, grid connected, wind electrical generation:

- Two 6 kW Proven Energy wind turbines on 49 foot mono-poles
- Grid connection SMA Windy Boy inverter
- Performance monitoring software

Based on one year of electricity use and assuming the turbines produce at a rate of 30% of their rating, the two turbines are expected to be capable of meeting approximately 6% of the Science Building's electrical use and approximately 64% of the Transit Center's electrical use.

Categorical Exclusion(s) Applied:

Select the appropriate categorical exclusion(s) from Appendix B to Subpart D of 10 CFR Part 1021 (for Appendix (A) use bottom two pull-down menus)

X - B3.6 Siting/construction/operation/decommissioning of facilities for bench-scale research, conventional laboratory operations, small-scale research and development and pilot projects

X - B5.1 Actions to conserve energy

*-For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, see Subpart D of 10 CFR10 21 Click Here

This action would not: threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, including DOE and/or Executive Orders; require siting, construction, or major expansion of waste storage, disposal, recovery, or treatment facilities, but may include such categorically excluded facilities; disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases; or adversely affect environmentally sensitive resources (including but not limited to those listed in paragraph B.(4)) of Appendix B to Subpart D of 10 CFR 1021). Furthermore, there are no extraordinary circumstances related to this action that may affect the significance of the environmental effects of the action; this action 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.

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.

NEPA Compliance Officer: Mary Martin Date Determined: Dec 9, 2009

Comments: Webmaster: Billie Newland

Digitally signed by Billie Newland
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