

PMC-EF2a

(2.0.02)

**U.S. DEPARTMENT OF ENERGY
EERE PROJECT MANAGEMENT CENTER
NEPA DETERMINATION**



RECIPIENT: Kansas State University (KSU)

STATE: KS

PROJECT TITLE : EECBG DE-EE0000727 KSU Wind Turbine Research & Refurbishment

| | | | |
|--|--------------------------------------|----------------------------|-------------------|
| Funding Opportunity Announcement Number | Procurement Instrument Number | NEPA Control Number | CID Number |
| DE-FOA 0000013 | DE-EE0000727.003 | | 0 |

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1A), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:

Description:

- A9** Information gathering (including, but not limited to, literature surveys, inventories, audits), data analysis (including computer modeling), document preparation (such as conceptual design or feasibility studies, analytical energy supply and demand studies), and dissemination (including, but not limited to, document mailings, publication, and distribution; and classroom training and informational programs), but not including site characterization or environmental monitoring.
- B5.1** Actions to conserve energy, demonstrate potential energy conservation, and promote energy-efficiency that do not increase the indoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, designers), organizations (such as utilities), and state and local governments. Covered actions include, but are not limited to: programmed lowering of thermostat settings, placement of timers on hot water heaters, installation of solar hot water systems, installation of efficient lighting, improvements in generator efficiency and appliance efficiency ratings, development of energy-efficient manufacturing or industrial practices, and small-scale conservation and renewable energy research and development and pilot projects. The actions could involve building renovations or new structures in commercial, residential, agricultural, or industrial sectors. These actions do not include rulemakings, standard-settings, or proposed DOE legislation.

Rational for determination:

The State of Kansas (Kansas Corporation Commission) would utilize EECBG funds to: 1) fund research projects involving computer and laboratory-based activities in the area of electrical computer engineering to improve the utilization of wind energy technology, and 2) fund the refurbishment of a Zond 750 wind turbine (750 kW capacity) recently donated by a local utility to Kansas State University. As funds remain available, they would be used to support the environmental evaluation associated with the future installation of the wind turbine. EECBG funds would not be used to install the turbine once refurbishment is complete. These activities constitute information gathering and actions to conserve energy and are therefore categorically excluded under NEPA under CX A9 and CX B5.1.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Insert the following language in the award:

You are required to:

EECBG funds shall only be used as described in the rationale above, and shall not be used for the installation of the refurbished Zond 750 wind turbine.

Note to Specialist :

None Given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____

NEPA Compliance Officer

Date: _____

5/20/10