

PMC-EF2a

(2.04.02)

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



RECIPIENT: Ohio Energy Office

STATE: OH

PROJECT TITLE : Toledo Electrical Joint Apprenticeship and Training Committee

| | | | |
|------------------------------------------------|--------------------------------------|----------------------------|-------------------|
| Funding Opportunity Announcement Number | Procurement Instrument Number | NEPA Control Number | CID Number |
| DE-FOA-0000052 | DE-EE0000165 | GFO-09-142-007 | GOO |

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:

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:

DOE funding is part of a \$1.9-million project to purchase a 100kw wind turbine to produce power to the Toledo Electrical Joint Apprenticeship and Training Committee (JATC) facility and Nacelle (i.e., engine housing/cover) to provide hands-on training to Journeypersons and electrical contractors. The recipient has supplied project information in support of required applications, provided notification to interest parties, and submitted an extensive environmental questionnaire and along with supporting documentation on information collected from the U.S. Corps of Engineers; U.S. Department of Interior, Fish and Wildlife Service, Ohio Department of Natural Resources; Ohio Department of Transportation Aviation; and Federal Aviation Administration. The Corps of Engineers, U.S. Department of Interior, and Ohio Department of Natural Resources have identified several endangered species in the general area of the project. Based on the reports provided, there appears to be little likelihood of these species being impacted by the turbine operation. The Federal Aviation Administration (FAA) has determined that the "structure would have no significant adverse effect on the safe and efficient utilization of the navigable airspace by aircraft or on the operation of air navigation facilities." Based on this FAA determination, the recipient is not required to file an application to Ohio Department of Transportation Aviation.

The project site is an open field on already developed JATC grounds. The nearest building is estimated to be approximately 500ft from the wind turbine structure. The height of the structure is approximately 37meters, 47meters to blade tip. This height requires notification to FAA and OHIO transportation authorities for possible impact on air travel. The recipient has contacted those authorities and received notice of no adverse impact.

Of possible concern are several endangered species in the general area including, a bald eagle's nest approximately 1 mile away, the Indiana bat, Karner blue butterfly, piping plover, eastern prairie fringed orchid, rayed bean mussel, and eastern massasauga. According to the U.S. Department of the Interior, "Due to the project type, location, and onsite habitat, none of these species would be expected within the project area and no impact to these species are expected." Further, "the project area does not offer suitable bald eagle nesting habitat, and no waterbodies that may provide foraging habitat are located on the site."

Through the information provided by these governing authorities and upon review of the environmental information and project information provided by the applicant, as NEPA Compliance Officer, I have determined that this is project falls within Categorical Exclusion 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:
This action removes NEPA conditions associated with the Toledo Electrical Joint Apprenticeship and Training Committee project. The funds associated with this project is \$420,000.

Note to Specialist :

Please confirm the required funding amount for this project. My records show \$420,000.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____
NEPA Compliance Officer

Date: 2/17/10

FIELD OFFICE MANAGER DETERMINATION

Field Office Manager review required

NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON:

- Proposed action fits within a categorical exclusion but involves a high profile or controversial issue that warrants Field Office Manager's attention.
- Proposed action falls within an EA or EIS category and therefore requires Field Office Manager's review and determination.

BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature: _____
Field Office Manager

Date: _____