PMC-EF2a
(2.06.02)

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

RECIPIENT: Town of Brookston **STATE:** IN

PROJECT TITLE : Brookston Wind Turbine

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
N/A (CDP)	DE-EE0003262	GFO-0003262-001	EE3262

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.

B3.1 Onsite and offsite site characterization and environmental monitoring, including siting, construction (or modification), operation, and dismantlement or closing (abandonment) of characterization and monitoring devices and siting, construction, and associated operation of a small-scale laboratory building or renovation of a room in an existing building for sample analysis. Activities covered include, but are not limited to, site characterization and environmental monitoring under CERCLA and RCRA. Specific activities include, but are not limited to:

Rational for determination:

The town of Brookston, Indiana proposes to use federal funding to install a meteorological tower to study the feasibility of installing 2 or more wind turbines (1.5 MW) to generate energy. The met tower would be erected at the Thomas and Niesha Kennedy residence at 11518 West State Rd 18, Brookston, IN for the duration of 1 year.

This project will include the erection of a 60 meter meteorological tower, a topographical survey to identify existing electrical system infrastructure, performance of a feasibility study, identification of resources needed to operate turbines, and preparation & dissemination of final report information.

This project is not located in a FEMA designated floodplain area, nor is it located in a mapped wetland area according to the USFWS wetlands mapper tool. This project will also not cause the conversion of prime farmland, as per correspondence with NRCS.

The Department of Energy has reviewed this project in compliance with the Migratory Bird Treaty Act and Endangered Species Act. In correspondence relating to the project, The USFWS has also reviewed this project and has stated that the construction of a meteorological tower is located in an area that involves minimal habitat for birds and bats; therefore it is not anticipated to create adverse effects for migratory birds. The DOE has concluded that this project is not likely to adversely affect listed species provided that any tree clearing associated with this project is limited to November 1-March 31 for avoidance of Indiana bat tree roost. The applicant has reported that this project will not include any cutting or trimming of trees. The USFWS has stated in a letter provided to the applicant that they concur the proposed met tower is not likely to adversely affect listed species.

Regarding a future wind power generation project, this endangered species information is provided for technical assistance only, and does not fulfill the requirements of section 7 of the Endangered Species Act.

Pursuant to section 106 of the National Historic Preservation Act, the Indiana State Historic Preservation Officer has reviewed the scope of work, submitted by DOE, associated with this project and the Archeological Phase 1 submitted. The State Historic Preservation Officer has ruled that this project does not pose an adverse affect to cultural resources

based on the information made available. Also, as per Indiana State law (Indiana Code 12-21-1-27 & 29), if any human remains are discovered during the construction, demolition, or earthmoving activities that discovery must be reported to the Indiana Department of Natural Resources.

This project comprises installing a meteorological tower in north central Indiana to study the feasibility of wind turbine energy generation; therefore a CX A9 & B5.1 will apply to DOE's funding decision.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

Eugene Brown 1/24/2011

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 1/27/10

NEPA Compliance Officer

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: _____ Date: _____

Field Office Manager