

PMC-EF2a

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



RECIPIENT: The Pennsylvania State University

STATE: PA

PROJECT TITLE : Wind Energy Workforce Development: Engineering, Science, & Technology

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-EE0000540	DE-EE0000540	GFO-10-054-001	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:

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:

Pennsylvania State University is amending the scope of work of their previously approved renewable energy academic program to include the installation of a 10 kW wind turbine. The turbine will be used in the teaching of energy production concepts, as well as hands on installation, maintenance and troubleshooting. The wind turbine will be located on a 30 acre property owned by the Pennsylvania College of Technology, at the corner of US Route 15 South and Allenwood Camp Lane. The property is not located in or near a wetland and, based on a desktop search conducted by the Pennsylvania Natural Diversity Inventory, there are no known impacts to threatened or endangered species.

This project comprises actions to conserve energy and is therefore classified under CX B5.1.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

None Given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: 
NEPA Compliance Officer

Date: 3/30/10

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: _____ Date: _____
Field Office Manager

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 481.1A), I have made the following determination:
 CX EA EIS APPENDIX AND NUMBER:
 Decision:
 B2.1. Actions to conserve energy, demonstrate positive energy conservation, and promote energy efficiency that do not increase the indoor environmental quality (IEQ) of buildings, including but not limited to: (1) energy audits and technical assistance to industries (such as business, commercial, residential, and other organizations) (such as utilities) and state and local governments; (2) energy audits, but also not limited to, management of fluorescent lighting; (3) placement of smart or hot water heaters; (4) water flow control; (5) installation of efficient lighting; (6) placement of energy efficient lighting; (7) development of energy efficient manufacturing or industrial practices; and (8) multi-state conservation and renewable energy research and development and pilot projects. The actions do not include building retrofits or new structures in commercial, residential, agricultural, or industrial sectors. These actions do not include retrofits, structural loading, or proposed DOE regulation.

National for demonstration
 Pennsylvania State University is requesting the scope of work of their previously approved renewable energy academic program to include the installation of a 15 kW wind turbine. The turbine will be used in the teaching of energy production concepts, as well as for maintenance, monitoring and troubleshooting. The wind turbine will be located on a 30 acre property owned by the Pennsylvania College of Technology, at the corner of US Route 15 South and Alwood Camp Lane. The property is not located in or over a wetland and, based on a desktop search conducted by the Pennsylvania National Diversity Inventory, there are no known impacts to threatened or endangered species.

This project concerns actions to conserve energy and is therefore classified under CX B2.1.
 NEPA REVIEW:
 DOE has made a final NEPA determination for this wind turbine the following language in the words:
 None to Special
 None Given

SIGNATURE OF THE MEMORANDUM CONSTITUTES A RECORD OF THE DECISION.
 NEPA Compliance Officer Signature: _____
 Date: 3/25/10

FIELD OFFICE MANAGER DETERMINATION:
 I am giving my review and approval.
 I DO NOT REQUEST THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON: