

PMC-EF2a

(20102)

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



RECIPIENT: Lakeshore Technical College

STATE: WI

PROJECT TITLE : POWER - purposeful Partnerships Coordinating Wind Energy Resources

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-PS36-09GO99009	DE-EE0000537	GFO-09-397-001	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:

- 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:

This project is a re-review due to a scope change. The original SOPO involved outreach and information gathering and a NEPA determination of A9 was issued. The new SOPO includes a change to Task 5 and 6 and the addition of Task 14 and 15.

Under the scope change, Lakeshore Technical College is proposing to use DOE funding to establish a torque test station on campus, which will be housed indoors and in a laboratory set-up for training purposes.

The College will also install a tower rescue simulator in their laboratory facilities. The simulator installation involves the installation of separated parts of a decommissioned 1.5MW wind turbine. Installation will include erecting a 90 ft. base tower section of the decommissioned turbine on the campus. There will be no moving parts or turbine operation. The location of installation is on previously disturbed land in pavement adjacent to the campus training center. The other parts of the wind turbine, nacelle and rotor hub, will be placed next to the tower on the ground. All equipment will be used for training purposes.

Lakeshore Technical College has established school Health and Safety protocols which will be implemented during tower installation and all educational activities related to equipment usage.

Task 14 is for the offer and enrollment of students to provide certification opportunities and Task 15 is to provide faculty professional development opportunities.

This project comprises curriculum development and educational activities designed to demonstrate potential energy conservation development; therefore a CX A9 and B5.1 will apply.

**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: 2/5/10

**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: \_\_\_\_\_