PMC-EF2a

(2.06.02)

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

RECIPIENT: University of Michigan **STATE:** MI

PROJECT TITLE : Bottom Fixed Platform Dynamics Models Assessing Surface Ice Interactions for Transitional Depth Structures in the Great Lakes

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000415	DE-EE0005478	GFO-00005478-001	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, analysis, and dissemination

Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, conceptual design, feasibility studies, and analytical energy supply and demand studies), and information dissemination (including, but not limited to, document publication and distribution, and classroom training and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)

Rational for determination:

DOE is proposing to provide federal funding to University of Michigan (UM) to develop, research, model, and collect data of ice loading wind turbine structures in Lake Huron and Lake Michigan. This would be accomplished by creating a computer-based ice-loading module that would be coupled to computer software tool maintained by the National Renewable Energy Laboratory for simulating onshore and offshore wind turbine dynamics. This study would include research, data gathering, reporting, and modeling. Tasks would be completed in office and computer lab environments.

There should be no generation of air emissions or wastes associated with this project. This project comprises information gathering; therefore the DOE has categorized this project into Categorical Exclusion A9.

Budget: $399,996 (DOE); $ 0 (cost share)

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

If you intend to make changes to the scope or objective of your project you are required to contact the Project Officer identified in Block 11 of the Notice of Financial Assistance Award before proceeding. You must receive notification of approval from the DOE Contracting Officer prior to commencing with work beyond that currently approved.

Note to Specialist :

EF2A by Christopher Carusona II

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 2/10/2012

NEPA Compliance Officer