PMC-EF2a
(2.0 6/02)

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

RECIPIENT: Pennsylvania State University **STATE:** PA

PROJECT TITLE: A HPC "Cyber Wind Facility" Incorporating Fully-Coupled CFD/CSD for Turbine-Platform-Wake Interactions with the Atmosphere and Ocean

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000415	DE-EE0005481	GFO-0005481-001	EE5481

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.)

A11 Technical advice and assistance to organizations
Technical advice and planning assistance to international, national, state, and local organizations.

Rational for determination:

Pennsylvania State University (PSU) would utilize DOE and cost share funds to develop and integrate central modules of the PSU Cyber Wind Facility (CWF) program, and apply the integrated CWF to offshore and land-based wind turbine configurations. This study would include information gathering, data analysis, technical advice, and reporting. Tasks would be completed in office and computer lab environments.

Budget: $1,200,000 (DOE); $0 (cost share)

This project comprisese information gathering, data analysis and technical advice; therefore the DOE has categorized this project into Categorical Exclusions A9 and A11.

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: Kristin Kerwin Date: 1/18/2012
NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION