

PMC-EF2a

(204.02)

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



RECIPIENT: Indiana Office of Energy Development

STATE: IN

PROJECT TITLE : SEP - Brevini Wind USA, Inc.

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	EE-0000169	GFO-10-626	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:

The State of Indiana will provide \$1,500,000 in Recovery Act funds to Brevini Wind USA for the purchase of a 6.4MW wind turbine gear box test bench for its existing manufacturing facility located in Yorktown, Indiana.

The machine will enable the testing of two 3.2 MW main drive gear boxes simultaneously using the first main drive to turn the second main drive allowing for stress testing of up to 200% of design capacity of the main drives. According to the recipient, energy savings come from the regeneration process as the second main drive recreates 99% of the total energy utilized in the testing process making that energy available for reuse in the testing process and or other activities in the manufacturing plant or storage for later use and or return to the grid. The recipient does not anticipate requiring any new or modified permits for this equipment.

In view of the information provided by the State and recipient, DOE has determined that the work outlined is consistent with activities identified in Categorical Exclusion B5.1.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

EF-2a prepared by Neil Sullivan.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:  NEPA Compliance Officer

Date: 10/8/10

FIELD OFFICE MANAGER DETERMINATION