

PMC-EF2a

(20102)

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



RECIPIENT: Brad Foote Gear Works

STATE: IL

PROJECT TITLE : Brad Foote Gear Works Grant Project

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
		GFO-10-421	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 Illinois Department of Commerce & Economic Opportunity is providing \$632,950 in Recovery Act funds to Brad Foote Gear Works (BFGW) to offset the cost for purchase and installation of a Wenzel 2600LHT gear measuring machine located in BFGW's existing facility at 1309 S. Cicero Avenue, Cicero, Illinois. The installation of the 2600LHT will more than double BFGW's capacity for gear measurement and fill a current quality assurance void in the production of 1.4+ megawatt gearing with wind industry turbines. This work was initiated in January 2010 and completed in May 2010.

The project included purchase and installation of one (1) Wenzel 2600LHT gear machine, one (1) Clam Systems Model C350E parts washer, and site preparation activities which included the construction of a temperature controlled gear lab to house the 2600LHT within the existing BFGW facility. No changes to the facility footprint were necessary. All licenses and permits for the project were obtained by BFGW.

In view of the information provided by the State and recipient, that the work involved the purchase and installation of equipment in a pre-existing facility, the work described is consistent with activities identified in Categorical Exclusion B5.1 and can be excluded from further NEPA review.

**NEPA PROVISION**

DOE has made a final NEPA determination for this award

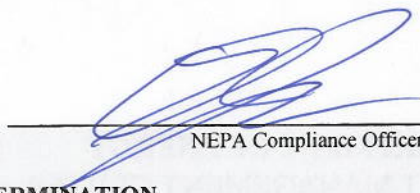
Insert the following language in the award:

Note to Specialist :

According to the project officer, funding for this project is \$632,950. Based on information provided for NEPA review, it appears that the work presented has already been completed.

**SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.**

NEPA Compliance Officer Signature: \_\_\_\_\_



NEPA Compliance Officer

Date: \_\_\_\_\_

6/1/10

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