

PMC-EF2a

(2.04.02)

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

**RECIPIENT:**Idle Free Systems, Inc**STATE:** WI**PROJECT
TITLE :** Idle Elimination Systems

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE FOA 0000052	DE EE0000163	GFO-10-395	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 Wisconsin will provide \$450,000 of Recover Act funds to Idle Free Systems, Inc. for equipment and machines to expand its manufacturing capabilities.

Idle Free Systems, Inc. is located at 1101 Industrial Drive, Watertown, WI, 53094. The facility manufactures battery powered idle elimination systems for over-the-road trucks, day cabs, and school buses. The systems enable owners to comply with anti-idling laws while also significantly reducing operating expenses and green house gas emissions.

The funds will be used to purchase key equipment, machines, and tools necessary to scale up operations in order to meet anticipated demand over the next 3 years. Additionally, the funds will be used to purchase the necessary inventory of raw materials and components necessary to manufacture the systems and fill orders. The Bill of Materials (BOM) for each system has over 120 components (raw material) that include such things as battery chargers, inverters, air conditioner compressor and condenser, water heater, wiring, cables, circuit boards, etc.

As an assembly operation, Idle Free Systems is not required to have a State operation permit. The plant does not generate hazardous waste nor an extraordinary amount of landfill-type waste. The expanded manufacturing capabilities will not lead to a significant change in waste generation. Similarly, the project will not require a change in the footprint of the existing building, nor will it involve significant construction or alteration of the building. The project will be located within its current structure, which is less than 50 years old and has no historic significance. The project will not require new permitting or licensing.

Based on the information provided by the State and recipient, the nature of the work identified is consistent with activities outlined under 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 :

According to the project officer, funding for this project is \$450,000. Unless there is a significant change in scope, a

change in funding will not affect my determination.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____
NEPA Compliance Officer

Date: 5/19/10

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: _____