

PMC-EF2a

(2010)

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



RECIPIENT: Coils Incorporated

STATE: IN

PROJECT TITLE : SEP ARRA EE-0000169

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000052		GFO-10-575	EE169

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 \$2,000,000 in Recovery Act funds to Coils, Incorporated (Coils, Inc.) for the purchase of equipment to increase manufacturing capabilities at their facility located at 106 North First Street, Kentland, Indiana (Newton County).

Coils, Inc. currently manufactures coil and electronic assemblies and intends to utilize DOE funding to acquire equipment in order to upgrade its current processes and infrastructure. This will allow the company to produce and market a larger suite of products as well as 'turn-key' systems/products used for energy conservation, alternative energy generation, carbon/greenhouse gas reduction and SMART GRID applications. These systems include, but are not limited to: Battery Management Systems, Commercial & Residential Vehicle Battery Chargers, Inverters, Solar Modules, LED lighting and systems integration. The upgraded equipment & processes will reduce Coils' energy consumption by 5-10%, which in a typical month is approximately 400KW/H savings and/or a 1,000 Lb. reduction in CO2 emissions.

Coils, Inc. intends to acquire the following items with DOE funds:

- Manufacturing Fabrication Line and Final Production Assembly, Testing & Validation Equipment.
- Complete vehicle Recharging Station Assembly Line, which includes program specific tooling, validation/inspection systems and a Th!nk® Electric Vehicle (<http://www.thinkev.com/>) for product validation and ongoing production. It will be used to validate manufactured products on an ongoing basis. The vehicle will be equipped with specific data recorders and performance monitoring hardware & software.
- Production Electronics quality validation lab & equipment.
- Program specific production tooling for coils energy internal components and vendors.

All equipment acquired with DOE funds will be located at Coils' existing facility at the location noted above. Coils, Inc. does not anticipate requiring any new permits for this equipment; the work will not increase the footprint of the facility.

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 :

According to the project officer, funding for the project is \$2,000,000. Absent a significant change in the scope of this effort, 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: 8/10/10

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: _____