PMC-EF2a

(2.06.02)

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

RECIPIENT: Ohio Energy Office, Ohio Department of Development **STATE:** OH

PROJECT TITLE : Targeting Industry Efficiency

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000052	DE-EE00165	GFO-09-142-004	GO0

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:

Ohio's Energy Office would use DOE funding for the following:

The following activities are CX'd:

1. Retrofits of existing buildings or facilities (industrial) activities are limited to the following:
- Insulation.
- LED Lighting.
- Motors.
- Process heat equipment.
- Process equipment.
- Steam traps.
- Other industrial systems.
- Efficient lighting.
-Efficient equipment.
-HVAC upgrades.
-Replacement of windows and doors.

2. Conduct industrial assessments of energy efficiency and carbon mitigation opportunities.

3. Implementing demand reduction practices for industrial operations at existing facilities.

4. Installing demand reduction equipment for industrial operations at existing facilities.

5. Development, implementation, and installation of onsite renewable energy technology that generates electricity from renewable sources, provided that; Projects are limited to:
- Ground source heat pumps - 5.5 tons of capacity or smaller, horizontal / vertical, ground, closed-loop system.
- Combined heat and power system - boilers sized appropriately for the buildings in which they are located.

6. Retrofitting, repairing or replacing motors, steam traps and related components and systems in industrial operations at existing facilities.

These activities comprise actions to conserve energy; therefore they are categorized under CX B5.1.

The following activities are conditioned pending further NEPA review:

1. Any EE/RE measures not listed above.

2. District heat and cooling systems.

3. Combined heat and power systems.

4. Cogeneration systems.

5. Absorption chillers.

6. Desiccant humidifiers.

Ohio will ensure that any waste generated by these activities is disposed of properly by a licensed contractor and they will consult with Ohio's State Historic Preservation prior to implementing any activites on historic buildings or buildings that are on the registry and prior to implementing activities that may impact cultural resources.

NEPA PROVISION

DOE has made a conditional NEPA determination for this award, and funding for certain tasks under this award is contingent upon the final NEPA determination.

Insert the following language in the award:

You are restricted from taking any action using federal funds, which would have an adverse affect on the environment or limit the choice of reasonable alternatives prior to DOE/NNSA providing either a NEPA clearance or a final NEPA decision regarding the project.

Prohibited actions include:
Any EE/RE measures listed above.
District heat and cooling systems.
Combined heat and power systems.
Cogeneration systems.
Absorption chillers.
Desiccant humidifiers.

This restriction does not preclude you from:
Retrofits
Industrial assessments
Demand reduction practices
Installing demand reduction equipment
Ground source heat pumps - 5.5 tons of capacity or smaller, horizontal / vertical, ground, closed-loop system.
Combined heat and power system - boilers sized appropriately for the buildings in which they are located.
Retrofitting, repairing or replacing motors, steam traps and related components and systems in industrial operations at existing facilities.

If you move forward with activities that are not authorized for federal funding by the DOE Contracting Officer in advance of the final NEPA decision, you are doing so at risk of not receiving federal funding and such costs may not be recognized as allowable cost share.

Note to Specialist :

None Given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: Steve Blazek Date: 12/16/2009
NEPA Compliance Officer

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: _____ Date: _____
Field Office Manager