PMC-EF2a
(2.04.02)

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

RECIPIENT: Ohio Department of Development **STATE:** OH

PROJECT TITLE : Ohio ARRA SEP Deploying Renewable Energy, Bedford Solar

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000052	DE-EE0000165	GFO-09-142.017	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:

The State of Ohio will provide $266,254 in Recovery Act funds to Hull & Associates, Inc. for the installation of a 93 kW, ground mounted solar array adjacent to their current office building. The project site is located in an industrial and commercial area within the City of Bedford, Ohio.

The property location is a previous brownfield site used to manufacture friction parts for truck clutches and brakes. The site was restored to meet commercial and industrial land use standards through the Ohio EPA Voluntary Action program. The surrounding land was a former abandoned industrial site. The surrounding 50 acre parcel was redeveloped in 2008 to become the new Tinker Creek Commerce Park (zoned for commercial and industrial use). The project is located 0.22 miles away from the nearest wetland.

The system is designed as a 93 kW DC photovoltaic solar energy facility estimated to cover approximately 0.4 acres of land. The system will consist of one solar array comprising 396 panels that stand approximately eight feet high. Steel and aluminum racking will be used to secure the panels, which will require three rows of racking. There will be approximately 70 steel pipe foundations (3 inches in diameter) driven into the ground to a depth of eight feet to support the solar racking system.

An electrical permit through the City of Bedford is required for operation, which the recipient is in the process of preparing. The solar array will be connected to the grid through a net metering arrangement with First Energy. Net metering and interconnection applications have been submitted to First Energy. The connection will be to a proposed power block and then to the main building electric panel.

Based on the information provided by the State and recipient and in view of information provided above, it is determined that the proposed project is not likely to have an adverse affect on human health and/or to the environment. The nature of this work is consistent with provisions outlined in Categorical Exclusion B5.1 "actions to conserve energy."

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 $266,254. 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: _____ Date: 4/22/10

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