PMC-EF2a

(2.04.02)

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

RECIPIENT: County of Hudson **STATE:** NJ

PROJECT TITLE : Solar Panels on Hudson County Facilities

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-EE0003196	GFO-10-570	

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:

B5.16 Solar photovoltaic systems The installation, modification, operation, and removal of commercially available solar photovoltaic systems located on a building or other structure (such as rooftop, parking lot or facility, and mounted to signage, lighting, gates, or fences), or if located on land, generally comprising less than 10 acres within a previously disturbed or developed area. Covered actions would be in accordance with applicable requirements (such as local land use and zoning requirements) in the proposed project area and would incorporate appropriate control technologies and best management practices.

Rational for determination:

The United States Department of Energy (DOE) administers the 2010 Congressionally Directed Energy Efficiency and Renewable Energy Project, which was funded by the Omnibus Appropriations Act 2009. Hudson County (Recipient) was selected to receive $500,000 in financial assistance from DOE's Solar Energy Technologies Program and the Recipient will provide $940,906 in cost share, for a total project cost of $1,440,906.

The Recipient proposes to install an 83 kW roof-mounted solar photovoltaic system with monitoring equipment on the Hudson County Emergency Operations Center (EOC) located at 110 South Hackensack Avenue, Kearny, NJ. This is part of a larger effort by the Recipient to utilize renewable energy in the building, including the installation of three 20 kW wind turbines, geothermal heating with radiant floor heating, natural ventilation and daylighting, a green roof, a gray water re-use system and storm water management system, and other energy conserving technologies. Only the solar photovoltaic system will receive DOE-funding.

During consultation with the New Jersey State Historic Preservation Officer (SHPO), it was determined that these renovations and renewable energy projects (including the DOE-funded solar photovoltaic system) constituted an adverse effect on the EOC, which is a contributing element to the Federal Shipbuilding and Dry Dock Company Kearny Shipyard Historic District and the EOC itself is eligible for listing on the New Jersey and National Registers of Historic Place.

DOE, the SHPO, and the Recipient have entered into a Memorandum of Agreement which implements mitigation measures for the adverse effect. These mitigation measures will be incorporated into the Recipient's Terms and Conditions and monitored by DOE as part of its award with the Recipient.

Based on the above, a review of the file, and the referenced mitigation measures, DOE has determined the project will not significantly impact the human environment and they are categorically excluded from further NEPA review under CX B5.16 "solar photovoltaic systems."

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

If you intend to make changes to the scope or objective of your project you are required to contact the Project Officer identified in Block 11 of the Notice of Financial Assistance Award before proceeding. You must receive notification of approval from the DOE

Contracting Officer prior to commencing with work beyond that currently approved.

Insert the following language in the award:

You are required to:
These mitigation measures contained in the Memoradum of Agreement will be incorporated into the Recipient's Terms and Conditions and monitored by DOE as part of its award with the Recipient.

Note to Specialist :

DOE funding: $500,000
EF2a prepared by Melissa Ardis

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: Electronically Signed By Lori Gray /Lori Gray Date: 8/27/2012
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