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(1.08.09.13)

U.S. DEPARTMENT OF ENERGY
OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY
NEPA DETERMINATION



RECIPIENT: Directorate of Public Works, DOD Army, Fort Campbell

STATE: KY

PROJECT TITLE : 5m/W Solar/Photovoltaic Array on Abandoned Landfill #5

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000901	DE-EE0006623	GFO-0006623-001	

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.

Rationale for determination:

The Department of Energy (DOE) is proposing to provide funding to the Directorate of Public Works (DPW), DOD Army, Fort Campbell in support of the proposed "5MW Solar Photovoltaic Array on Abandoned Landfill #5" project. DOD Army, Fort Campbell is proposing to Construct a 5 MW Photovoltaic (PV) array at Fort Campbell to provide a reliable renewable energy resource. This project was selected by DOE under the Assisting Federal Facilities with Energy Conservation Technologies (AFFECT) Funding Opportunity Announcement (DE-FOA-0000901).

The recipient is a federal agency and is also required to comply with NEPA. This project has been assessed by the DPW, Environmental Division, NEPA Program Staff and considered categorically excluded under the provision of CX-C-1, 32 CFR part 651("Construction of an addition to an existing structure or new construction on a previously undisturbed site if the area to be disturbed has no more than 5.0 cumulative acres of new surface disturbance. This does not include construction of facilities for the transportation, distribution, use, storage, treatment, and disposal of solid waste, medical waste, and hazardous waste."). Additionally, this proposed project is addressed in an Environmental Assessment "Standard Practices for Construction Projects in the Cantonment Area" (May 2004). DOE has reviewed the NEPA documentation provide in Record of Environmental Consideration (REC) # 13-138 for the proposed 5MW Solar Array.

The project would be constructed on the Fort Campbell Landfill SWMU 005, a 52 acre closed landfill just north of the Kentucky-Tennessee state line. The 5 MW DC solar photovoltaic system would be connected to the Fort Campbell grid.

Per the DPW REC, the project area has been surveyed previously for archaeological resources. There is a programmatic agreement that exempts the site from further surveys and the site will be flagged for avoidance prior to beginning the proposed undertaking. The recipient is responsible for all further consultation with the Kentucky SHPO with respect to cultural and historic properties, if any is determined to be required per the existing programmatic agreement.

Installation of the solar array on the landfill, as designed, has been approved by the Kentucky Department of Environmental Protection. Perimeter fencing and road would be constructed outside of the landfill footprint.

Construction and Demolition waste will be managed in compliance with applicable policy. And, a Construction and Demolition Waste Management Plan will be completed prior to initiating the project.

A Stormwater Pollution Prevention Plan (SWPPP) will be completed and approved prior to construction. The SWPPP will be developed consistent with the Erosion Prevention and Sediment Control requirements detailed in the Fort

Campbell Stormwater Management Plan and checklist.

There are no threatened or endangered (T&E) species present at the project site and the closed landfill does not provide critical habitat for T&E species.

The proposed project area is not in a floodplain and does not contain wetlands.

DOE has determined that the proposed project would not have a significant individual or cumulate impact to human health and/or the environment. Further, DOE has determined that the proposed project is consistent with CX B5.16 "Solar Photovoltaic Systems" and is categorically excluded from further NEPA review.

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.

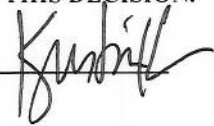
Note to Specialist :

This NEPA Determination does not require a tailored NEPA provision.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____

 Electronically Signed By: Kristin Kerwin
NEPA Compliance Officer



Date: 7/11/2014

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: _____