PMC-EF2a

(2.06.02)

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

RECIPIENT: Long Island Power Authority **STATE:** NY

PROJECT TITLE : Long Island 50 MW Solar Initiative

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-EE0003169	GFO-0003169-001	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:

DOE is proposing to provide federal funding to the Long Island Power Authority (LIPA) to install and connect a total of 50 MW of ground-mounted and roof-mounted solar photovoltaic (PV) arrays into the electric grid.

DOE Office of Science completed an Environmental Assessment (DOE/EA-1663) to install 33 MW of ground-mounted PV arrays on Brookhaven National Laboratory (BNL). On December 4, 2009, DOE signed a Finding of No Significant Impact (FONSI). The proposed action analyzed in the EA was for DOE to grant an easement to BP Solar to construct two, large-scale solar photovoltaic arrays at BNL. Each array would cover approximately 200 acres (80.94 hectares) of the BNL federal site. Electricity generated by these arrays would be connected into the regional utility power grid. In addition, a Laboratory-dedicated array of 1 to 2 MW would be constructed and connected to the on-site BNL electric grid. The arrays would utilize, where possible, areas already cleared (agricultural fields, firebreaks and brownfields), as well as require clearing of an estimated 153 acres (62 hectares) of trees. A building to support the Laboratory-dedicated array would also be constructed.

The DOE Solar Energy Technology Program is now proposing to provide funding to LIPA to complete the activities that were analyzed in the EA.

In addition to the scope of work analyzed in the EA, LIPA proposes to enter into a power purchase agreement with enXco to purchase 17 MW of solar PV facilities, which would be constructed on public properties owned by Suffolk County. The systems would be installed on newly built carports within existing parking lots of County-owned properties and railroad stations. Based on this information, DOE has determined that the work outlined is consistent with activities identified in Categorical Exclusion B5.1 (actions to conserve energy).

Based on the environmental analysis presented in the EA and FONSI for the 33MW installation at BNL and the CX B5.1 for the 17 MW installations, DOE has determined that the proposed scope of work would not have a significant impact on the natural or human environment and, therefore, further NEPA review is not required.

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 :

Cristina Tyler 9.7.2011

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 9/7/2011
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