PMC-EF2a

(2.06.02)

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

RECIPIENT: Illinois Department of Commerce & Economic Opportunity **STATE:** IL

PROJECT TITLE : Illinois SEP Solar Projects

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000052	EE0000119		EE119

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:

Illinois Department of Commerce & Economic Opportunity (DCEO) has submitted the following three projects totalling $480,513 that fall within the NEPA bounded TEMPLATE.

The Livingston County Courthouse will use $51,000 in Recovery Act fund to install a 14kW solar array on the roof of the Courthouse. The system will consist of approximately 70 panels and produce about 24,751kWh/yr.

The Metropolitan Water Reclamation District will use $68,510 in Recovery Act funds for a solar thermal project to be installed at District's John E. Egan Water Reclamation Plant. The proposed solar thermal project will be installed as one complete system in one phase and provide 0.56MMBtu per day that will be used to heat boiler make up water and for other heat processes at the Egan Plant. The proposed solar thermal project will be installed on the roof of the Pretreatment Building at the Plant.

The Tri-City Regional Port District will use $361,003 in Recovery Act funds to install solar powered, water heating and cooling systems in two, three story buildings in the River's Edge Development. The Barracks Building has 35,500-sq. ft. of floor area; the Port Administration Building 30,000-sq. ft. The proposed solar systems for the two buildings have similar (sometimes duplicate) system components. Each of the two buildings will have 120 solar collectors installed on the roof, 3 per row in 40 rows. Each collector has a peak power of 3 kW.

IL has provided clarifying language addressing building aesthetics, National Historical Preservation Act, and will comply with all applicable federal, state and local laws on the handling, storage and disposal of waste. The projects will not require new construction to increase the footprint of the buildings. The proposed projects fall within the bounds of the previously signed NEPA template and are categorically excluded under CX 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 :

Illinois had initially proposed four projects within this template. Our review of the projects indicated that one did not fit

the Template. The information provided in the PMC addresses four projects. This determination is for the three that the NEPA team believes fit within the Template. Funding for these three projects comes to $480,513. Unless there 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: 4/28/10

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