PMC-EF2a

(2.04.02)

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

**RECIPIENT:** Town of Dedham **STATE:** MA

**PROJECT TITLE :** Dedham Municipal Solar Project

| Funding Opportunity Announcement Number | Procurement Instrument Number | NEPA Control Number | CID Number |
|---|---|---|---|
| DE-EE0003163 | DE-EE0003163 | GFO-0003163-001 | 0 |

**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:

**A9** Information gathering (including, but not limited to, literature surveys, inventories, audits), data analysis (including computer modeling), document preparation (such as conceptual design or feasibility studies, analytical energy supply and demand studies), and dissemination (including, but not limited to, document mailings, publication, and distribution; and classroom training and informational programs), but not including site characterization or environmental monitoring.

**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 Town of Dedham to install roof-mounted solar PV panels on the Town Hall and High School.

The Town of Dedham would install a 50 kW system on the roof of the Dedham Town Hall located at 26 Bryant Street, Dedham, MA 02026. The Dedham Town Hall was built in 1961. The system would cover forty percent of the roof. The building is approximately 17,430 square feet with a flat, rubber roof, which is twenty years old. The roof is in poor condition and would be replaced with a highly reflective or white surface prior to the PV system installation. The Town of Dedham would also install an educational kiosk that monitors the system on the Town Hall for residents and visitors to view the energy savings produced by the panels.

On August 16, 2011, the Massachusetts Historical Commission concurred with DOE's determination of "no adverse affect to historic properties as a result of the proposed project."

The Town of Dedham would also install a 129 KW system on the roof of the High School located at 140 Whiting Ave, Dedham, MA 02026. The High School was built in 1970. The solar panels on this structure would cover the roof section of the auditorium, gym and auto shop. The roof is flat, unobstructed and structurally sound.

The proposed project locations are not in a wetland or floodplain, nor are threatened and endangered species known to occur in the area.

Based on this information, DOE has determined that the work outlined is consistent with activities identified in Categorical Exclusion A9 (information gathering) and 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:

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 8.22.2011

DOE Funding: $500,000
Cost Share: $667,361
Total Cost: $1,167,361

**SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.**

NEPA Compliance Officer Signature: _____ Date: 8/22/2011
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