

PMC-ND

(1.08.09.13)

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

**RECIPIENT:** Town of Greenburgh**STATE:** NY**PROJECT TITLE:** Solar Hot Water Project in Greenburgh, NY

<b>Funding Opportunity Announcement Number</b>	<b>Procurement Instrument Number</b>	<b>NEPA Control Number</b>	<b>CID Number</b>
	DE-EE0003193	GFO-0003193-002	GO3193

**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, analysis, and dissemination** Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, conceptual design, feasibility studies, and analytical energy supply and demand studies), and information dissemination (including, but not limited to, document publication and distribution, and classroom training and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)
- B5.17 Solar thermal systems** The installation, modification, operation, and removal of commercially available smallscale solar thermal systems (including, but not limited to, solar hot water systems) located on or contiguous to a building, and 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 U.S. Department of Energy (DOE) is proposing to provide federal funding to the Town of Greenburgh to increase the size of their existing solar hot water heating system by incorporating additional panels and installing a new energy efficient boiler to increase capacity and achieve better efficiencies at the Theodore D. Young Community Center.

The proposed project activities include installation of additional 4 foot by 10 foot solar hot water panels for a total of 8 panels in all and a new energy efficient boiler and integration of these new components into the existing system at the Theodore D. Young Community Center in Greenburgh, NY. If needed and within budget, installation of identical, new solar hot water panels at the municipal park/nature center in Scarsdale, NY and the municipal park/pool and recreation complex in Ardsley, NY would also be undertaken. An additional component to this program would be education and outreach geared towards educating town residents and citizens of the benefits of using solar hot water heating and other solar technologies and their applications.

There are no known health risks associated with solar panel or boiler installation and no new construction, new permits or modifications to old permits, additional licenses and/or authorizations would be necessary. All three of these locations are pre-existing so there is not expected to be any impact to threatened/endangered species, floodplains, wetlands or prime farmland and none of these locations are listed on the register of historically/culturally protected sites. Standard construction site safety procedures would be followed and anticipated waste, limited to construction debris and product packaging in very small quantities, would be disposed of as regular trash. No siting, construction or major expansion of waste storage, disposal, recovery, or treatment actions/facilities would be required and no pre-existing hazardous substances, pollutants, or contaminants would be disturbed.

Based on review of the project information and the above analysis, DOE has determined the proposed project would not have a significant individual or cumulative impact to human health and/or environment. DOE has determined that this project is consistent with actions outlined in DOE categorical exclusions A9 "Information gathering, analysis, and dissemination", and B5.17 "Solar thermal systems" and is therefore 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 :

Solar Energy Technologies Office

This NEPA determination does not require a tailored NEPA provision.

Review completed by Rebecca McCord, 03/10/2015.

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

NEPA Compliance Officer Signature:   
NEPA Compliance Officer

Date: 3/24/2015

**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: \_\_\_\_\_