

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

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
CDP	DE-EE0003193	GFO-0003193-003	G03193

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 U.S. Department of Energy (DOE) is proposing to provide federal funding to the Town of Greenburgh to install a solar photovoltaic (PV) system on the Greenburgh Town Hall building.

There have been two previous NEPA determinations for this award. GFO-10-536 (CX A9; 9/9/2010) applied to administrative activities only. GFO-0003193-002 (CX A9, B5.17; 3/24/2015) applied to education and outreach activities and installation of a solar thermal system. The Town of Greenburgh has decided to not pursue the solar thermal system and is proposing to use DOE funding for a solar PV system instead. This NEPA review applies to the solar PV system as described in the revised SOPO DE-EE0003193.0003.

The proposed project activities include installation of a 60 kilowatt solar PV system and monitoring system in the existing town hall building located at 177 Hillside Ave, Greenburgh NY. Solar PV panels would be installed on the roof of the building using specialized mounting clips. Panels would be placed in arrays across the available roof sections, with a total available roof area of nearly 26,500 square feet. Converters and other electrical equipment to transfer the solar power for office use would be integrated into the building's electrical system. No ground disturbing activities are associated with this work. The work would not alter the mission, use, or operation of the municipal office building. A building permit and electrical permit would be obtained through the municipal building department. Any waste material generated during the installation would be disposed of according to the municipal recycling and waste management plan.

The nearest National Register of Historic Places (NRHP) designation, the Bronx River Parkway Reservation, is approximately 2,000 feet from the proposed project. Because the area between the two locations is residential and heavily forested the proposed project would not be visible from the historic parkway, therefore the DOE has determined that there would be no historic properties affected.

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, is consistent with actions outlined in DOE categorical exclusion B5.16 "Solar photovoltaic systems," and is therefore categorically excluded from further NEPA review.

NEPA PROVISION

