

PMC-EF2a

(2.04.02)

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



RECIPIENT: Township of Cherry Hill

STATE: NJ

PROJECT TITLE : Cherry Hill Solar Project – Municipal Building

Funding Opportunity Announcement Number Congressionally Directed Project	Procurement Instrument Number DE-EE0000315	NEPA Control Number GFO-0000315-001	CID Number EE315
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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:

The Township of Cherry Hill is proposing to use federal funding to install a 100 kW solar array on top of a 19,418 square-foot building. Through the installation of the solar array, the project is anticipated to subsidize more than 30 percent of the complex's energy consumption.

The municipal complex, where the solar array would be located, is situated on a 15 acre lot within a residential community. The 42,357 square foot building has 3 floors. The solar project would be located on the roof, which measures 19,418 square-feet. In addition to the rooftop array, a smaller, 30 kW educational solar display would be installed as part of a clean-power demonstration site at the entry way of the Town Hall.

The solar PV installation would be on the Public Works Building, which was constructed in 1971 and is located at 1 Perina Blvd Cherry Hill, NJ, 08003. Because this building is less than fifty years old, it is not considered eligible for listing on the National Register of Historic Places. Thus, the installation of solar panels on the roof of this building is not anticipated to adversely affect historic or cultural resources as defined by the National Historic Preservation Act.

An R&D questionnaire was completed, which addressed the protocols in place regarding construction safety, risk management, and waste disposal. The Contractor would be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the work. To ensure public safety, the Contractor would provide the required barricading, cones, safety tape, etc., for all areas, which have work in progress.

In view of the information provided by the State and the recipient, DOE has determined that the impacts related to the proposed project are anticipated to have negligible effects on the human and natural environment. The proposed project is consistent with actions outlined in B5.1 (actions to conserve energy) and is, therefore, categorically excluded from further NEPA review.

NEPA PROVISION

Note to Specialist :

Cristina Tyler 3.30.2011

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

