

PMC-EF2a

(201002)

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



RECIPIENT: City of Tucson

STATE: AZ

PROJECT TITLE : Tucson Public Building Solar Arrays

<b>Funding Opportunity Announcement Number</b>	<b>Procurement Instrument Number</b>	<b>NEPA Control Number</b>	<b>CID Number</b>
FY 2010 CDP	DE-EE0003204	GFO-10-588	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:

- 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.
- 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.

Rational for determination:

The City of Tucson proposes to design and install photovoltaic panels and an educational kiosk at Rincon library/police substation.

This project will include design of photovoltaic system to maximize electric output, installation of the system to the roof of the Rincon Building, installation of a kiosk at the library to inform patrons of the solar panel usage, and project management and reporting. The Rincon Building was constructed in 1999 and is not eligible for listing on the National Register of Historic Places. Placing solar panels on existing buildings in Tucson requires various permits from the City of Tucson.

The installation will be inspected by city inspectors as well as by Tucson Electric Power (TEP).

This project is comprised of actions to conserve energy and disseminate information through the use of solar panels and installation of a kiosk; therefore a CX A9 & B5.1 will apply.

**NEPA PROVISION**

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

Eugene Brown 9/13/2010

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

NEPA Compliance Officer Signature: Kristin Kerwin  
NEPA Compliance Officer

Date: 9/14/2010

**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

The project is a solar photovoltaic system to generate electricity for the City of Tucson. The project will be installed on the roof of the Tucson Convention Center. The project will consist of the following: 1) Installation of solar panels on the roof of the Tucson Convention Center. 2) Installation of inverters and electrical wiring. 3) Installation of a monitoring system. 4) Installation of a backup battery system. The project will be installed on the roof of the Tucson Convention Center. The project will consist of the following: 1) Installation of solar panels on the roof of the Tucson Convention Center. 2) Installation of inverters and electrical wiring. 3) Installation of a monitoring system. 4) Installation of a backup battery system. The project will be installed on the roof of the Tucson Convention Center. The project will consist of the following: 1) Installation of solar panels on the roof of the Tucson Convention Center. 2) Installation of inverters and electrical wiring. 3) Installation of a monitoring system. 4) Installation of a backup battery system.