

PMC-EF2a

(2.04.02)

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



RECIPIENT: Amonix, Inc.

STATE: CA

**PROJECT TITLE :** Low Cost High Concentration Photovoltaic Power Systems for Utility Power Generation - Sandia site

<b>Funding Opportunity Announcement Number</b>	<b>Procurement Instrument Number</b>	<b>NEPA Control Number</b>	<b>CID Number</b>
DE-PS36-06GO96034	DE-FC36-07GO17042	GFO-GO17042-006	GO17042

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:

Amonix, Inc. proposes to use federal funding to install, and test seven Amonix 7700 High Concentration Photovoltaic solar power generators at the Sandia's National Solar Thermal Test Facility in Albuquerque, New Mexico.

The manufacturing of these solar panels is already approved under the original NEPA Control Number GFO-08-005. The installation and removal of the two test modules is the scope of work for this determination.

The site work at Sandia has been CXed (CX B5.1) by the US DOE Sandia Site Office.

This Project is comprised of actions to conserve energy through the installation of solar panels; therefore a CX 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 12-2-2010

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

NEPA Compliance Officer Signature: \_\_\_\_\_

*Kundan Kar*  
NEPA Compliance Officer

Date: \_\_\_\_\_

2/9/2011

**FIELD OFFICE MANAGER DETERMINATION**

Field Office Manager review required