

PMC-EF2a

(20402)

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



RECIPIENT: Amonix, Inc.

STATE: CA

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

|  |                                      |                            |                   |
|--|--------------------------------------|----------------------------|-------------------|
| <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-08-005b                | 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 funds to construct and field test for a temporary time span a new solar panel. This panel is a conversion of low-volume to high-volume electrical energy production. The review for this project is a continuation from GFO-08-005, and will involve the installation & removal of the unit.

This project will include tasks 12, 19, & 20 from GFO-08-005. These will include testing of the 7 MegaModule drive and tracking controls; system testing; MJ performance & reliability testing of single plate MJ Amonix module.

This project will take place at the site address is: 21720 Garcia Ln, City of Industry, CA 91789. GPS coordinates 34.026189/-117.832943. This site is in an industrial area and on previously disturbed lands. No SHPO coordination would be required for this project.

The applicant has submitted an R & D questionnaire to address chemical and safety handling protocols.

This project will involve installation and testing of a solar panel for demonstration of feasibility to enhance the utilization of the suns energy to create more electric energy; therefore a CX B5.1.

**NEPA PROVISION**

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

Eugene Brown 5/26/2010

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

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

*Eugene Brown*  
NEPA Compliance Officer

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

6/28/2010