

PMC-EF2a

(2.0+02)

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



RECIPIENT: Department of Commerce, Energy Office

STATE: AZ

**PROJECT TITLE :** Agricultural Renewable Energy Conversion Incentive Program

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA0000053+	EE-0000106	GFO-09-425-014	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.

Rational for determination:

Arizona's Department of Commerce would pass DOE ARRA SEP funding to the Arizona Natural Resource Conservation Districts State Association, a nonprofit organization. The funds would be used for the purchase and installation of renewable energy systems in agriculture production.

The installations would be on serve farms, ranches and greenhouses throughout Arizona and would convert existing equipment using gas, oil diesel, and in some cases electricity, to utilize renewable energy. The renewable energy systems would include: solar photovoltaic, solar water pumps, solar water heating and solar space heating.

All systems would be equal to or less than 25 kW and most would be ground mounted. The systems would be used for the following:

- The use of renewable energy systems to power livestock watering equipment (existing wells or water sources).
- The use of renewable energy systems to power crop irrigation systems (existing wells or water sources).
- The use of renewable energy to power agricultural facilities supporting production.

These projects comprise actions to conserve energy; therefore, they are categorized under 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 :

None Given.

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

NEPA Compliance Officer Signature:

*Kristin Kerwin*

Date:

*11/23/09*

NEPA Compliance Officer

**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: \_\_\_\_\_  
Field Office Manager

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