

PMC-EF2a

(2.04.02)

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



RECIPIENT: Andre Agassi Foundation

STATE: NV

**PROJECT TITLE :** Alternative Energy School of the Future

<b>Funding Opportunity Announcement Number</b>	<b>Procurement Instrument Number</b>	<b>NEPA Control Number</b>	<b>CID Number</b>
na	DE-EE0000406	GFO-10-596	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:**

The Andre Agassi College Preparatory Academy is proposing to use DOE funds for solar carports, (possibly with plug-in capability) which will be installed in addition to further roof top solar arrays totaling 500kW of roof mounted solar PV. The proposed solar arrays will be connected to the grid through an net-metered arrangement with the utility company. Other energy efficiency retrofits including weatherization (including shading), lighting modifications, HVAC, load management and energy storage systems will be implemented. Agassi Prep will proceed with equipment procurement, installation and programming for the existing energy management system (EMS). Demand Controlled Ventilation system software programming, and all necessary equipment will be procured as well.

The solar carport portion of the project will be installed in an existing parking lot and all roof mount solar arrays will be appropriately sized and installed on existing buildings at the academy. The proposed project site location is in North Las Vegas which is a highly developed, urban area. All other aspects of the project will occur inside the existing buildings. A review of historic districts in Las Vegas confirms that the proposed project will not have an adverse effect on historic properties. There will be no adverse effects to threatened and endangered species, wetlands, floodplains, or cultural resources as a result of the proposed project.

After a thorough review of the information submitted for the proposed project, it has been determined that the actions involved will not have a significant impact to human health and /or the environment. The proposed project will result in a reduction in the use of conventional fossil fuels; therefore it is hereby Categorical Excluded B5.1 "actions to conserve energy," from further NEPA review.

**NEPA PROVISION**

Insert the following language in the award:

You are required to:

The recipient is required to obtain the necessary permits regarding all actions involved with the proposed project.

Note to Specialist :

None Given.

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

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

  
NEPA Compliance Officer

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

8/23/10

**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: \_\_\_\_\_