

PMC-EF2a

(20402)

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



RECIPIENT: Cuyahoga Community College

STATE: OH

PROJECT TITLE : Alternative Energy Workforce Applications Training Program

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
CDP	DE-FG36-08GO88166	GFO-08-119-001	GO88166

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:

- 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.
- B3.6** Siting, construction (or modification), operation, and decommissioning of facilities for indoor bench-scale research projects and conventional laboratory operations (for example, preparation of chemical standards and sample analysis); small-scale research and development projects; and small-scale pilot projects (generally less than two years) conducted to verify a concept before demonstration actions. Construction (or modification) will be within or contiguous to an already developed area (where active utilities and currently used roads are readily accessible).
- 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:

For the Automotive Technology Lab, the college will renovate an existing classroom and lab on campus. The College will purchase 3 alternative fuel vehicles and a Toyota Prius cutaway training model with corresponding training software. The College will install a vehicle dynamometer for testing vehicle performance along with other diagnostic equipment, scan tools and IT equipment as well as a 5.5kW Direct Grid-Tie Solar PV System measuring 20' X 50'. The solar panels will be installed outdoors (ground mounted), adjacent to the Automotive Technology Center.

After an analysis conducted with the EPA's NEPAassist, DOE has determined that there are no wetlands, floodplains, nor coastal areas located around the Automotive Technology Lab. The wind turbine at the Construction Technologies will be installed contiguous to the building site. All activities for this project will take place on previously disturbed land.

Neither the Construction nor the Automotive Lab will be used to handle hazardous waste. However Cuyahoga Community College also complies with OSHA standards. The program managers are responsible for audits of lab practices to ensure compliance with policy. The Automotive Technology Lab uses batteries, fuel and automotive fluids. The safety infrastructure for these activities has been established by the College. Cuyahoga Community College adheres to the standard industry safety protocols and is monitored internally by the Office of Business Continuity and Risk Management. Externally Cuyahoga Community College is re-certified regularly by the National Automotive Technicians Education Foundation (NATEF).

DOE has determined that this project does not pose a significant impact to human health and/or environment. This project is hereby Categorically Excluded under A9 "Information Gathering", B3.6 "Bench-Small Scale R&D" and B5.1 "Actions to Conserve Energy".

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



NEPA Compliance Officer

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

5/17/10

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