

PMC-EF2a

(2.04.02)

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

**RECIPIENT:** California State Los Angeles University Auxiliary Services, Inc.**STATE:** CA**PROJECT TITLE :** CSULA Hydrogen Refueling Facility Performance Evaluation and Optimization

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000626	DE-EE0005890	GFO-0005890-001	GO5890

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, analysis, and dissemination Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, conceptual design, feasibility studies, and analytical energy supply and demand studies), and information dissemination (including, but not limited to, document publication and distribution, and classroom training and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)

B5.22 Alternative fuel vehicle fueling stations The installation, modification, operation, and removal of alternative fuel vehicle fueling stations (such as for compressed natural gas, hydrogen, ethanol and other commercially available biofuels) on the site of a current or former fueling station, or within a previously disturbed or developed area within the boundaries of a facility managed by the owners of a vehicle fleet. Covered actions would be in accordance with applicable requirements (such as local land use and zoning requirements) in the proposed project area and would incorporate appropriate control technologies and best management practices.

Rational for determination:

The U.S. Department of Energy (DOE) is proposing to provide federal funding to California State University Los Angeles (CSULA) to test, collect data, and validate hydrogen refueling architecture in a real-world operating environment at CSULA's existing operational on-campus Hydrogen Fueling Station. DOE and cost share funding would be used to install data collection equipment; collect, validate and analyze data; and conduct outreach and training activities to promote fuel cell technologies and the fueling station. Data will be sent to the Hydrogen Secure Data Center (HSDC) at the National Renewable Energy Lab (NREL) for analysis.

DOE made a previous NEPA determination, GFO-10-067 (CX B5.1; 2/23/2010), for award DE-EE0000443 which included construction of the aforementioned Hydrogen Fueling Station.

This NEPA determination applies to proposed data collection equipment installation and data collection work at the existing CSULA Hydrogen Fueling Station, located on the eastern edge of Circle Drive within CSULA's campus at 5151 State University Drive, Los Angeles, California, 90032. Data analysis work would be completed at the NREL HSDC in Golden, Colorado.

All installation work would be completed within the existing hydrogen plant compound and control room. No ground disturbance or modifications to the outside fuel dispensers and island would occur. Modifications to install the data collection equipment would include; adding instrumentation equipment, tubing, wiring, and software to existing equipment, storage tanks and control computers. Any new conduits would be attached to existing walls or use an existing pass through. During installation of the monitoring equipment some small quantities of hydrogen gas may need to be vented from the storage tanks; however during normal fueling station operations, small quantities of hydrogen gas may vent, therefore the plant is equipped with several venting stacks. CSULA has completed a Hydrogen Fueling Station Questionnaire addressing their control technologies and best management practice protocols for safety, emergency response and hydrogen storage and dispensing monitoring. There are integrated safety features at the station that protect users and workers during operation as well as during periods of non-use. An automated monitoring system incorporates heat and smoke detectors; self-shut down, hydrogen leak and infrared sensors; warning horns; strobe lights; alarms and a video monitoring system and is integrated into the campus wide monitoring system. The fueling station complies with the International Fire Code, NFPA 72, NFPA 72E and is included in CSULA's Hazardous Communication Plan. CSULA follows established worker safety requirements and equipment maintenance procedures.

DOE has determined that the modification of the existing hydrogen fueling station to install data collection equipment

and the subsequent analysis of collected data would not have a significant individual or cumulative impact to human health and/or environment and is consistent with actions defined in DOE categorical exclusion A9 "information gathering," and B5.22 "installation, modification, operation, and removal of alternative fuel vehicle fueling stations".

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

If you intend to make changes to the scope or objective of your project you are required to contact the Project Officer identified in Block 11 of the Notice of Financial Assistance Award before proceeding. You must receive notification of approval from the DOE Contracting Officer prior to commencing with work beyond that currently approved.

Note to Specialist :

Obadiah Broughton 10/18/2012

DOE Funding: \$400,000
Cost Share: \$400,091
Total Funding: \$800,091

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:  Date: 10/24/2012
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: _____ Date: _____
Field Office Manager