PMC-EF2a
(2.04.02)

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

RECIPIENT: Hawaii Natural Energy Institute **STATE:** HI

PROJECT TITLE : Hawaii Hydrogen Power Park - Technology Validation of a Hydrogen Fueling System

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
n/a	DE-FC51-02R021399	GFO-R021399-002	21399

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:

This NEPA determination is being completed to document a change in location for the proposed Hawaii Hydrogen Power Park as outlined in NEPA review GFO-10-324. The recipient is proposing to relocate the project from the Hawaii Volcanoes National Park (as previously reviewed) to the US Marine Corps Base Hawaii, Honolulu, Oahu. This fueling station will be used to fuel GM Equinox fuel cell vehicles.

The hydrogen fueling apparatus is skid mounted and will be installed on a new concrete slab. Construction of the slab will require some excavation and trenching.

The US Marine Corps has reviewed the project scope and has categorically excluded the project under NEPA as per MCO P5090.2A criteria. The Marine Corps CX requires that, if sand is discovered during the installation of the concrete pad or during ground disturbing activities, all work will cease and the base cultural resources managers will need to be consulted. In the event that sand is discovered, it is likely that an archeological monitor will be required to oversee excavations. The recipient shall comply with all NEPA requirements mandated by the Marine Corps.

CX B5.1 applies to this project.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

Eugene Brown 5/18/2011

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: Kristin Ker Date: 5/18/2011