

PMC-EF2a

20102

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



STATE: CA

RECIPIENT: University of California, San Diego

PROJECT TITLE : High Penetration Solar Deployment

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000085	DE-EE0002055	GFO-10-097	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:

- 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.
- B3.1 Onsite and offsite site characterization and environmental monitoring, including siting, construction (or modification), operation, and dismantlement or closing (abandonment) of characterization and monitoring devices and siting, construction, and associated operation of a small-scale laboratory building or renovation of a room in an existing building for sample analysis. Activities covered include, but are not limited to, site characterization and environmental monitoring under CERCLA and RCRA. Specific activities include, but are not limited to:

Rational for determination:

University of California, San Diego will be using ARRA funding to develop modeling tools for high penetration scenarios of PV on a distribution system.

The majority of this project will be the development of several computational models that will be used for power management and forecasting. These models will then be utilized at UCSD's existing PV systems. Additional work will include radiation monitoring by means of small commercial off-the-shelf device that has the appropriate safety and outdoor ratings and which only requires standard electricity. This device is currently utilized for additional work being conducted at the University.

This project comprises information gathering, computational modeling and environmental monitoring; therefore a CX A9 and B3.1 apply.

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 Kaur  
NEPA Compliance Officer

Date: 12.28.2009

FIELD OFFICE MANAGER DETERMINATION

Field Office Manager review required