

PMC-ND

(1.08.09.13)

U.S. DEPARTMENT OF ENERGY
OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY
NEPA DETERMINATION



RECIPIENT: Verdant Power, Inc.

STATE: NY

PROJECT TITLE : Integrated Development and Comprehensive IO&M Testing at RITE of a KHPS TriFrame Mount

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0001310	DE-EE00007349	GFO-0007349-001	

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, 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 gathering, to, dissemination (including, but not limited to, document publication and distribution, and classroom training analysis, and dissemination and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)

Rationale for determination:

The U.S. Department of Energy (DOE) is proposing to provide federal funding to Verdant Power, Inc. to conduct an integrated design process to develop, build, deploy and operate a TriFrame (TF) mounting structure with three Verdant Power Gen5 KHPS turbines at the Federal Energy Regulatory Commission (FERC)-licensed RITE Project in the East River of New York City, NY.

The Verdant Power project is one of three proposed projects that were selected by DOE under the Funding Opportunity Announcement DE-FOA-0001310. Each of the three proposed projects would consist of three budget periods (BP). At this time, DOE is proposing to fund each of the three projects for initial intellectual research, design and modeling (Budget Period 1). At the end of BP 1 DOE would conduct a down-select process from which two of the three original projects would be chosen to move forward. Due to the down-select process, BP 2 and 3 tasks are not being reviewed at this time.

This NEPA determination applies only to BP 1 of the Verdant Power, Inc. award. BP 1 activities would include computer-based design activities conducted only in office environments. The proposed BP 1 activities would be limited exclusively to intellectual, academic, or analytical activities and would use no physical materials beyond basic office supplies and software.

Based on review of the project information and the above analysis, DOE has determined the proposed project would not have a significant individual or cumulative impact to human health and/or environment. DOE has determined that this project is consistent with actions outlined in DOE categorical exclusion A9 "Information gathering, analysis, and dissemination" and is therefore categorically excluded from further NEPA review.

NEPA PROVISION

DOE has made a conditional NEPA determination for this award, and funding for certain tasks under this award is contingent upon the final NEPA determination.

Insert the following language in the award:

You are restricted from taking any action using federal funds, which would have an adverse affect on the environment or limit the choice of reasonable alternatives prior to DOE/NNSA providing either a NEPA clearance or a final NEPA

decision regarding the project.

Prohibited actions include:

BP 2 and BP 3 tasks and associated activities.

This restriction does not preclude you from:

BP 1 tasks and associated activities.

Project Management and Reporting activities as described in Section D of the final SOPO.

If you move forward with activities that are not authorized for federal funding by the DOE Contracting Officer in advance of the final NEPA decision, you are doing so at risk of not receiving federal funding and such costs may not be recognized as allowable cost share.

Insert the following language in the award:

You are required to:

The recipient is required to submit a new EQ-1 and undergo additional NEPA review prior to beginning work on BP 2 and BP 3 tasks.

Note to Specialist :

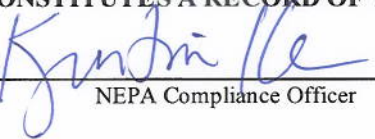
Water Power Program

This NEPA determination requires a tailored NEPA provision.

Review completed by Logan Sholar on 03/14/2016

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____


NEPA Compliance Officer

Date: 3/14/2016

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: _____