

PMC-ND
(1.08.09.13)

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



RECIPIENT: kWh Analytics, Inc.

STATE: CA

PROJECT TITLE : FICO for Solar Performance Risk

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-EE0000923	DE-EE0006685	GFO-0006685-001	

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, 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.)

A11 Technical advice and assistance to organizations Technical advice and planning assistance to international, national, state, and local organizations.

Rationale for determination:

The U.S. Department of Energy (DOE) is proposing to provide federal funding to kWh Analytics, Inc. to develop statistical computer models built on a database to predict solar energy output and generate a risk score superior to the currently used Photovoltaic Watts.

Activities associated with the proposed project would include collection of raw data, data quality verification, and the building of predictive statistical models. The proposed project 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 exclusions A9 "Information gathering, analysis, and dissemination" and A11 "Technical advice and assistance to organizations" and is therefore categorically excluded from further NEPA review.

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 :

This NEPA determination does not require a tailored NEPA provision.
Review completed by Rebecca McCord 08/26/2014.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:  Electronically Signed By: Kristin Kerwin

Date: 8/27/2014

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

Information gathering including but not limited to literature surveys, interviews, site visits and written data analysis (including but not limited to conceptual modeling, document preparation) but not limited to conceptual design, feasibility studies and analytical energy audits and demand studies and information development (including but not limited to document production, and research and technical programs), but not including the preparation of environmental monitoring (see also 52.1 of appendix U in this section.)

Technical advice and assistance to organizations, regional, national, and local organizations

AT1 Technical advice and assistance to organizations

AA Substantive gathering, analysis, and dissemination

Based on review of the project information and the source analysis, DOE has determined that the project is consistent with actions outlined in DOE categorical exclusions AA information gathering, analysis, and dissemination, and A11 Technical advice and assistance to organizations, and is therefore categorically excluded from further NEPA review.

Additional associated with the proposed project would include collection of raw data, data quality verification, and the building of predictive statistical models. The proposed project would use no physical materials beyond basic office supplies and software.

The U.S. Department of Energy (DOE) is providing to provide federal funding to KVR Analytics, Inc. to develop statistical computer model code on a database to predict solar energy output and generate a risk score superior to the currently used Photovoltaic Watts.

Review of document

NEPA PROVISIONS

DOE has made a final NEPA determination for this work.

from the following language in the work:

If you intend to make changes to the scope or objective of your project you are required to contact the Project Office identified in Block 11 of the Notice of Final Decision. Final notice processing. You must receive a notification of approval from the DOE Contracting Office prior to commencing work beyond that currently approved.

from the following:

The NEPA determination does not require a full NEPA division review completed by the DOE NEPA division.

SIGNATURE OF THE NEPA COMPLIANCE OFFICER AND RECORD BY THIS DECISION

NEPA Compliance Officer Signature _____ Date: _____