

PMC-EF2a

(2.04.02)

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



RECIPIENT:WA Dept. of Commerce

STATE: WA

**PROJECT TITLE :** Renewable Energy Composite Solutions

<b>Funding Opportunity Announcement Number</b>	<b>Procurement Instrument Number</b>	<b>NEPA Control Number</b>	<b>CID Number</b>
DE-FOA-0000052		GFO-09-155-008	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:

- A1** Routine actions necessary to support the normal conduct of agency business, such as administrative, financial, and personnel actions.
- 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.
- 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.

## Rational for determination:

The State of Washington is proposing to provide \$1,000,000 in Recovery Act funds to support a facilities retooling effort by Renewable Energy Composite Solutions, LLC (RECS), a Vancouver, Washington company. RECS shares facilities and production resources with Christensen Shipyards, Ltd., a composite ship builder.

The retooling effort involves the purchase and installation of equipment to manufacture Vertical Access Wind Turbines (VAWT). VAWT is an advanced wind blade design that promises higher energy conversion than current blade technology. The project will involve the following:

- A. Project and General Administration
- B. Environmental Review
- D. Architectural Design Studies
- E. New Equipment Purchase and Equipment Retooling to Manufacture and Test the Blades.

The footprint of the existing facility will not be expanded nor will changes in the existing building infrastructure be required in order to accommodate the retooling effort. There is no expected change in truck traffic in/out of the facility in the near term. No new permits are needed. Air emissions are already permitted as are waste streams from current and projected new manufacturing operations. The retooled facility will produce no new waste streams.

In view of the information provided by the State and recipient, that the retooling effort will not require permit changes; that the permits in place meet current and retooled plant operations; that no new waste streams will be generated; that no additional impacts are anticipated to water quality, geology, air, wildlife, human health and safety, or cultural resources; and that no cumulative impacts are anticipated nor connected actions identified, I have determined that the project is classified as A1, A9, and B5.1.

**NEPA PROVISION**

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

According to the Project Officer, funding for this project is \$1,000,000. Unless there is a significant change in scope, a change in funding will not affect my determination.

**SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.**

NEPA Compliance Officer Signature: \_\_\_\_\_

NEPA Compliance Officer

Date: 3/31/10

**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: \_\_\_\_\_