

PMC-EF2a

(2.04.02)

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



RECIPIENT: Oregon Department of Energy

STATE: OR

PROJECT TITLE : SEP ARRA - Deployment of Innovative Energy Efficiency and Renewable Energy - Agriculture

<b>Funding Opportunity Announcement Number</b>	<b>Procurement Instrument Number</b>	<b>NEPA Control Number</b>	<b>CID Number</b>
DE FOA 0000052	DE-EE0000140	GFO-0000140-010	EE140

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:

The State of Oregon will provide \$1,100,000 in Recovery Act funds to the Oregon Department of Agriculture (ODA) to install improved efficiency irrigation equipment at agricultural sites throughout the state.

This NEPA determination applies to the installation of a variable frequency drive (VFD) onto an existing irrigation pump within Flood Zone A along Threemile Creek in Wasco County, Oregon. The project location is 3773 Pleasant Ridge Road, The Dalles, Oregon 97058. The variable speed drive will help the landowner reduce electrical consumption for irrigation water pumping.

No ground disturbance will occur as part of the VFD installation. The VFD will be mounted in an existing pump shed, which is shown in two photographs submitted with this application. The pump shed is located within a disturbed area.

The only permit required for this project will be an electrical permit from the Mid Columbia Council of Governments. The project owner's electrical contractor will secure this permit prior to beginning the project. This permit ensures that electrical work is done in compliance with electrical codes.

"Development" projects located within Areas of Special Flood Hazard in Wasco County are required to secure a land use permit. A letter is attached from the Wasco County, Oregon Planning Department confirming that adding a variable frequency drive to an existing pump is not considered "development," therefore the project does not require a land use permit from Wasco County. DOE concurs with the determination that the project will not result in adverse effects to the floodplain.

After a thorough review of the information submitted for the proposed project, it has been concluded that the proposed project will not have a significant impact to human health and /or the environment. Therefore the proposed project is hereby Categorically Excluded under B5.1 "actions to conserve energy."

**NEPA PROVISION**

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

EF2a completed by Logan Sholar

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

NEPA Compliance Officer Signature: [Signature]  
NEPA Compliance Officer

Date: 5/25/11

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