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:

Deployment of Innovative Energy Efficiency and Renewable Energy - Agriculture

DE FOA 0000052

Funding Opportunity Announcement Number Procurement Instrument Number NEPA Control Number CID Number

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 Oregon Department of Energy intends on making DOE Recovery Act funds available to agricultural business. owners to install energy-efficient equipment. Projects will include design, equipment, installation, and startup costs. Project efforts will include installation of variable speed drive control for energy-efficient process improvements; energy-efficient pumps; energy-efficient irrigation water application systems such as drip systems, pivot, or linear sprinklers; soil moisture monitoring systems to allow reduced pumping energy usage; and installation of small solar photovoltaic systems. Physical actions impacting land use may include relocation of sprinkler mains, pumps and pivot foundations, and electrical/control conduit. Projects for consideration are to be within existing farmland with soil disturbed by existing farming operations. Whereas some farmlands are in floodplains along the Willamette River and other major rivers, at the current time there are no project sites identified in floodplain zones. Water rights exist for the sites currently under consideration.

Based on the information provided by the State, that the work identified involves the replacement of existing agricultural equipment with energy efficient equipment, that the projects are on owned land with existing water rights, and that flood plain areas will be avoided, I have determined that the projects are classified as Categorical Exclusion B5.1.

## NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Insert the following language in the award:

You are required to:

The State proposes to select project sites that are not in flood plains. Should this change and a flood plain site be selected, the State is required to submit site-specific information for DOE NEPA review before proceding with the project. Similarly, project efforts may include the installation of small photovoltaic systems. The State will be required to submit project-specific information should any of these systems exceed 60kw capacity.

Note to Specialist:

According to the Project Officer, the funding associated with this effort is \$1,000,000. Unless the scope of this effort changes and/or the State elects to identify projects that are in flood plains, a change in funding will not affect my determination.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A R	
NEPA Compliance Officer Signature:	Date: 03/1//0
NEPA Compl	iance 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	e requires Field Office Manager's review and determination.
for up furt consultation and promote employees that do not	
BASED ON MY REVIEW I CONCUR WITH THE DETERMIN	ATION OF THE NCO:
Field Office Manager's Signature:	Date:
Field Office	Aanager
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	linear the following lengtage in the evolvi: