

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 : Oregon ARRA SEP – Estacada School District Biomass Boilers

<b>Funding Opportunity Announcement Number</b>	<b>Procurement Instrument Number</b>	<b>NEPA Control Number</b>	<b>CID Number</b>
DE FOA 0000052			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:

**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 \$627,738 in Recovery Act funds to Estacada District High School to install biomass boilers at the Estacada High School and River Mill Elementary. Estacada High School is located at 355 NE 6th Ave., Estacada, OR 97023; River Mill Elementary is located at 850 N. Broadway St., Estacada, OR 97023

A 2.91 MBTU/hr biomass boiler (Solagen model HDF-WC-563) will be installed at Estacada High School and a 1.08 MBtu/hr boiler (Solagen model HDF-WC-277) will be installed at River Mill Elementary. The boilers are stoker fed and have a flue vent stack with cyclone separator and fan for particulate removal. The plan is to install the boilers immediately outside of the current boiler room on concrete pads. Wood storage bins will be constructed adjacent to the boiler. The area will be secured and weatherized. For both boiler installations, the total area affected is approximately 20ft x 70ft. The affected area is currently manicured lawn and pavement.

The project involves the installation of two boilers that are within the 3 MBtu/hr size guideline of the SEP template. The biomass boilers are replacement systems for the oil-fired boilers currently in use. The current oil-fired boiler systems will be maintained as back-up systems in the event of need. The installation will occur on previously disturbed land.

In view of the information provided by the State and applicant, DOE has determined that the work outlined is consistent with activities identified in the SEP Template and Categorical Exclusion 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 \$627,738. Absent a significant change in the scope of this effort, 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: 8/3/10

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

Based on my review of the information provided by the applicant and the information I have made available to me, I have made the following determination:

The project involves the installation of two boilers that are within the 2 MBtu/hr size guideline of the SEP template. The project also involves the replacement of the oil-fired boiler currently in use. The current oil-fired boiler system will be maintained as back-up systems in the event of need. The installation will occur on previously disturbed land.

In view of the information provided by the State and applicant, DOE has determined that the work outlined is consistent with activities identified in the SEP Template and Category Exclusion B1.

Based on the information provided by the applicant and the information I have made available to me, I have made the following determination:

The State of Oregon will provide 2007 758 in Recovery. All funds to Escalante District High School is install biomass boilers at the Escalante High School and River Mill Elementary. Escalante High School is located at 388 NE 8th Ave, Escalante, OR 97523. River Mill Elementary is located at 525 N. Broadway St., Escalante, OR 97523.

A 2.01 MBtu/hr biomass boiler (Boiler model HOF-WC 200) will be installed at Escalante High School and a 1.08 MBtu/hr boiler (Boiler model HOF-WC 200) will be installed at River Mill Elementary. The boiler is a water fed and has a fire water tank with a water separator and fan for particulate removal. The plan is to install the boiler immediately adjacent to the current boiler room on concrete pads. Wood storage bins will be constructed adjacent to the boiler. The area will be secured and weathered. For both boiler installations, the total area affected is approximately 500 x 700. The affected area is currently maintained lawn and pavement.

KEEP A RECORD OF THIS DETERMINATION

DOE has made a final NEPA determination for this work.

that the following language in the work:

How to proceed:

According to the project officer, funding for this project is 2007 758. About a significant change in the scope of this effort, a change in funding will not affect my determination.

SIGNATURE OF THE MEMORANDUM COMPILES A RECORD OF THIS DECISION