

PMC-EF2a

(20102)

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



RECIPIENT: Alabama Department of Economic and Community Affairs

STATE: AL

PROJECT TITLE : Retrofits of K-12 Schools

<b>Funding Opportunity Announcement Number</b>	<b>Procurement Instrument Number</b>	<b>NEPA Control Number</b>	<b>CID Number</b>
DE-FOA-000064	DE-EE0004122	GFO-0004122-003	

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 or water** (a) Actions to conserve energy or water, demonstrate potential energy or water conservation, and promote energy efficiency that would not have the potential to cause significant changes in the indoor or outdoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, manufacturers, and designers), organizations (such as utilities), and governments (such as state, local, and tribal). Covered actions include, but are not limited to weatherization (such as insulation and replacing windows and doors); programmed lowering of thermostat settings; placement of timers on hot water heaters; installation or replacement of energy efficient lighting, low-flow plumbing fixtures (such as faucets, toilets, and showerheads), heating, ventilation, and air conditioning systems, and appliances; installation of drip-irrigation systems; improvements in generator efficiency and appliance efficiency ratings; efficiency improvements for vehicles and transportation (such as fleet changeout); power storage (such as flywheels and batteries, generally less than 10 megawatt equivalent); transportation management systems (such as traffic signal control systems, car navigation, speed cameras, and automatic plate number recognition); development of energy-efficient manufacturing, industrial, or building practices; and small-scale energy efficiency and conservation research and development and small-scale pilot projects. Covered actions include building renovations or new structures, provided that they occur in a previously disturbed or developed area. Covered actions could involve commercial, residential, agricultural, academic, institutional, or industrial sectors. Covered actions do not include rulemakings, standard-settings, or proposed DOE legislation, except for those actions listed in B5.1(b) of this appendix. (b) Covered actions include rulemakings that establish energy conservation standards for consumer products and industrial equipment, provided that the actions would not: (1) have the potential to cause a significant change in manufacturing infrastructure (such as construction of new manufacturing plants with considerable associated ground disturbance); (2) involve significant unresolved conflicts concerning alternative uses of available resources (such as rare or limited raw materials); (3) have the potential to result in a significant increase in the disposal of materials posing significant risks to human health and the environment (such as RCRA hazardous wastes); or (4) have the potential to cause a significant increase in energy consumption in a state or region.

## Rational for determination:

The Alabama State Energy Program (SEP) is proposing to provide school energy retrofit grants to four Alabama public school districts. The funding will come from Alabama's PY2012 SEP annual formula grant allocation. These projects fall under the market title "Energy Retrofits of K-12 Schools Program". The following school districts may be selected for this program.

The proposal for Demopolis Middle School includes replacing the existing natural gas-fired boiler with heat pumps; replacing metal halide lighting fixtures with energy efficient fixtures in the gymnasium; and installing occupancy sensors for the gym lighting. The school was built in 1956; however no exterior architecture will be disturbed. The school building is not on National Register of Historic Places and is not in or adjacent to an historic district.

The proposal for the Alabama Institute for Deaf and Blind includes installing energy efficient HVAC system within Helen Keller Schools Hackney Play Therapy Center. The school was built in 1996. There will be no external alteration of the building or ground disturbance. The school building is not on National Register of Historic Places and is not in or adjacent to an historic district.

The proposal for the Munford Elementary School includes installing energy efficient programmable thermostats and occupancy sensors. The school was built in 2001. There will be no external alteration of the building or ground disturbance. The school building is not on National Register of Historic Places and is not in or adjacent to an historic district.

The proposal for the Winston County Technical School includes replacing six HVAC systems. The school was built in

1993. There will be no external alteration of the building or ground disturbance. The school building is not on National Register of Historic Places and is not in or adjacent to an historic district.

DOE has determined that projects covered under the Energy Retrofits of K-12 Schools Program are consistent with categorical exclusion B5.1 – Actions to conserve energy or water.

**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.

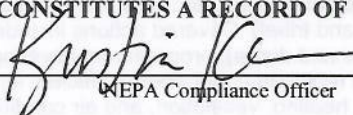
Note to Specialist :

Stephanie Sung 6/28/13

DOE Funding \$60,000/Cost Share \$15,000

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

NEPA Compliance Officer Signature:

  
NEPA Compliance Officer

Date:

7/18/2013

**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: