

PMC-EF2a

(20102)

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



**RECIPIENT:**Louisiana Template -- street lighting; fleet conversions; CNG station

**STATE:** LA

**PROJECT TITLE :** Recovery Act -- State Energy Program

<b>Funding Opportunity Announcement Number</b>	<b>Procurement Instrument Number</b>	<b>NEPA Control Number</b>	<b>CID Number</b>
DE-FOA-0000052	EE0000124		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 Louisiana has signed the SEP Template thereby facilitating NEPA review of the following types of projects:

1. Funding energy efficiency retrofits that:

- install insulation; install energy efficient lighting, HVAC upgrades, and weather sealing; purchase and install ENERGY STAR appliances; replace windows and doors; install high efficiency shower/faucet upgrades; and install solar powered appliances with improved efficiency.

2. Develop, implement, and install onsite renewable energy technology that generates electricity from renewable resources that are limited to:

- o Solar Electricity/Photovoltaic - appropriately sized system or unit on existing rooftops and parking shade structures; or a 60 KW system or smaller unit installed on the ground within the boundaries of an existing facility.
- o Wind Turbine - 20 KW or smaller.
- o Solar Thermal - system must be 20 KW or smaller.
- o Solar Thermal Hot Water - appropriately sized for residences or small commercial buildings.
- o Ground Source Heat Pump - 5.5 tons of capacity or smaller, horizontal/vertical, ground, closed-loop system.
- o Combined Heat and Power System - boilers sized appropriately for the buildings in which they are located.
- o Biomass Thermal - 3 MMBTUs per hour or smaller system with appropriate Best Available Control Technologies (BACT) installed and operated.

3. Develop, implement, and install energy efficient or renewable energy-powered emergency systems (lighting, cooling, heat, shelter) in existing buildings and facilities.

4. Install alternative fueling pumps and systems (but not storage tanks) on existing facilities (other than a large biorefinery); purchase of alternative fuel vehicles.

5. Develop and implement training programs.

6. Develop and implement building codes and inspection services, and associated training and enforcement of such codes in order to support code compliance and promote building energy efficiency.

7. Implement financial incentive programs such as rebates and energy savings performance contracts for existing facilities or for energy efficient equipment, provided that the incentives are not so large that they would be deemed to be grants that create projects that would not otherwise exist.

Accordingly, DOE has reviewed and determined that the following State projects fall under the Template:

- 1) City of Hammond -- street lighting (\$152,000)
- 2) City of Kenner -- street lighting (\$246,341.40)
- 3) Lafayette Consolidated Government -- fleet conversion (\$345,000)
- 4) Lott Oil Company -- CNG station (\$239,092.50)
- 5) Park 'n Fly, Inc. -- fleet conversion/purchase (\$170,284)
- 6) Port of New Orleans -- traffic lights upgrade (\$20,620)
- 7) City of Shreveport -- fleet conversion (\$478,366)
- 8) City of New Orleans -- street lighting (\$240,000)

The nature of the work outlined is consistent with activities identified under 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 the 8 Template projects totals \$1,891,704.

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

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

Date: 8/11/10

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