

PMC-EF2a

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



(2010)

RECIPIENT: Florida Department of Agriculture and Consumer Services

STATE: FL

PROJECT TITLE : State Energy Program

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000052	DE-EE0000241	GFO-0000241-001	

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:

- A9 Information gathering, analysis, and dissemination** Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, conceptual design, feasibility studies, and analytical energy supply and demand studies), and information dissemination (including, but not limited to, document publication and distribution, and classroom training and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)
- A11 Technical advice and assistance to organizations** Technical advice and planning assistance to international, national, state, and local organizations.
- B1.32 Traffic flow adjustments** Traffic flow adjustments to existing roads (including, but not limited to, stop sign or traffic light installation, adjusting direction of traffic flow, and adding turning lanes), and road adjustments (including, but not limited to, widening and realignment) that are within an existing right-of-way and consistent with approved land use or transportation improvement plans.
- B2.1 Workplace enhancements** Modifications within or contiguous to an existing structure, in a previously disturbed or developed area, to enhance workplace habitability (including, but not limited to, installation or improvements to lighting, radiation shielding, or heating/ventilating/air conditioning and its instrumentation, and noise reduction).
- B2.2 Building and equipment instrumentation** Installation of, or improvements to, building and equipment instrumentation (including, but not limited to, remote control panels, remote monitoring capability, alarm and surveillance systems, control systems to provide automatic shutdown, fire detection and protection systems, water consumption monitors and flow control systems, announcement and emergency warning systems, criticality and radiation monitors and alarms, and safeguards and security equipment).
- 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

B5.16 Solar photovoltaic systems

state or region.

The installation, modification, operation, and removal of commercially available solar photovoltaic systems located on a building or other structure (such as rooftop, parking lot or facility, and mounted to signage, lighting, gates, or fences), or if located on land, generally comprising less than 10 acres within a previously disturbed or developed area. Covered actions would be in accordance with applicable requirements (such as local land use and zoning requirements) in the proposed project area and would incorporate appropriate control technologies and best management practices.

Rational for determination:

The U.S. Department of Energy (DOE) provided federal funding to the Florida Department of Agriculture and Consumer Services (Florida) under the DOE's American Recovery and Reinvestment Act of 2009 (ARRA) State Energy Program (SEP). Through a modification to their existing DOE award, Florida proposes to reallocate approximately \$2,630,000 of funding. \$1,430,000 would be reallocated to create a new Market Title called the "Revolving Loan Fund" and \$1,200,000 would be reallocated to an existing Market Title called "Compressed Gas (CNG) Fleet Fueling Facilities Matching Grant".

This DOE award has received previous DOE NEPA determinations and approval. This NEPA determination only applies to the proposed modifications described here within.

Under the existing "Compressed Gas (CNG) Fleet Fueling Facilities Matching Grant" Market Title, Florida proposes to add \$1,200,000 of funding to the Compressed Natural Gas School Bus Conversion Grant Program to increase the number of more energy efficient CNG school buses and school bus vehicle fleets in Florida. Through individual grants to school districts the program and funding would pay for the incremental cost difference of purchasing a CNG equipped school bus verse a traditional school bus or the conversion cost of retrofitting a diesel school bus to a CNG school bus. The costs would be approximately \$25,000 to \$40,000 per bus. This grant program would be a Pilot Program for Florida and would collect data on cost savings and petroleum savings for one year.

Under the new Revolving Loan Fund Market Title, Florida proposes to create a Third-Party Administered "revolving loan fund" to supply low interest loans to qualified entities to implement various energy efficiency strategies, activities or projects. Florida has signed the SEP Template for Expedited NEPA Review (Template), stating all activities funded would be consistent with the activities within the Bounded Categories of the Template and comply with the requirements and conditions of the Template. Activities would focus on energy efficiency strategies, activities or projects within these broad categories:

- I. Building retrofits, solar outdoor lighting, and photovoltaic emergency backup power (on existing structures or within existing facilities)
- II. Retrofits of existing industrial buildings and facilities such as energy efficient lighting controls/sensors, chillers, furnaces, boilers, heat recovery
- III. Development and implementation of energy efficiency programs for buildings and facilities (including: energy audits; energy conservation planning; and energy conservation measure implementation)
- IV. Development and implementation of programs to conserve energy used in transportation (including: use of flex time by employers, satellite work center, development and promotion of zoning guidelines or requirements that promotes energy efficient development, synchronization of traffic signal; and other measure that increase energy efficiency and decrease energy consumption)
- V. Replacement of traffic signals and street lighting with energy efficient light technologies (including: light emitting diodes and any other technology of equal or greater energy efficiency)

Activities funded under the Revolving Loan Fund Market Title that fall outside the scope of the Bounded Categories of the Template and do not comply with the requirements and conditions of the Template will require an additional DOE NEPA review and approval prior to expenditure of funds for these activities.

Florida, DOE and Florida State Historic Preservation Office (SHPO) have a Programmatic Agreement for Historic Preservation (PA) Section 106 reviews. Activities funded under the "Revolving Loan Fund" Market Title that do not meet the exemptions of the PA will need an individual Section 106 Review.

Based on review of the project information and the above analysis, DOE has determined the proposed vehicle efficiency upgrade activities under the Compressed Natural Gas School Bus Conversion Grant Program are consistent with actions contained in DOE categorical exclusion B5.1 "Actions to conserve energy," and are categorically excluded from further NEPA review. DOE has determined the proposed activities within the Revolving Loan Fund Market Title are consistent with the activities within the Bounded Categories of the signed Template and are categorically excluded from further NEPA review. The following categorical exclusions apply to the Template; A9, A11, B1.32, B2.1, B2.2, B5.1, and B5.16.

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 :

Activities funded under the "Revolving Loan Fund" Market Title that fall outside the scope of the Bounded Categories of the Template and do not comply with the requirements and conditions of the Template will require an additional DOE NEPA review and approval prior to expenditure of funds for these activities.

Obadiah Broughton 4/22/2012

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____

[Handwritten Signature]
NEPA Compliance Officer

Date: _____

4/26/2013

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: _____