PMC-EF2a
(2/04/02)

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

RECIPIENT: Loudoun County Virginia Government **STATE:** VA

PROJECT TITLE : Scott Jenkins Parking Lot LED Lighting with Solar Arrays and on-site EV Charging Stations

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
EE0000868	DE-EE0000868	GFO-0000868-003	EE0

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:

Loudoun County Virginia Government proposes to use federal EECBG funding to establish LED lighting with solar arrays and an on-site EV charging stations at a park and ride center outside of the town of Leesburg, VA. This park and ride will service commuters to the Washington DC metropolitan area using transit buses. Implementation of this project will aid in reducing carbon emissions from commuters.

The commuter parking lot lights will be powered by pole mounted PV solar panels. The Electric Vehicle charging stations will also be mounted to the same poles used for the PV solar panels. These poles will be mounted around the parking area and will aid in providing security at night.

This project is comprised of installation of energy efficient lighting and electric car chargers; therefore a CX B5.1 will apply.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

Eugene Brown 12-7-2010

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 12/22/10
NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION