

PMC-ND

(1.08.09.13)

**U.S. DEPARTMENT OF ENERGY**  
**OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY**  
**NEPA DETERMINATION**



RECIPIENT: City of Las Vegas

STATE: NV

**PROJECT TITLE :** City of Las Vegas Solar Installations

<b>Funding Opportunity Announcement Number</b>	<b>Procurement Instrument Number</b>	<b>NEPA Control Number</b>	<b>CID Number</b>
DE-FOA0000643	EE0003761	GFO-0003761-003	

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:

- B1.15 Support buildings** Siting, construction or modification, and operation of support buildings and support structures (including, but not limited to, trailers and prefabricated and modular buildings) within or contiguous to an already developed area (where active utilities and currently used roads are readily accessible). Covered support buildings and structures include, but are not limited to, those for office purposes; parking; cafeteria services; education and training; visitor reception; computer and data processing services; health services or recreation activities; routine maintenance activities; storage of supplies and equipment for administrative services and routine maintenance activities; security (such as security posts); fire protection; small-scale fabrication (such as machine shop activities), assembly, and testing of non-nuclear equipment or components; and similar support purposes, but exclude facilities for nuclear weapons activities and waste storage activities, such as activities covered in B1.10, B1.29, B1.35, B2.6, B6.2, B6.4, B6.5, B6.6, and B6.10 of this appendix.
- B5.16 Solar photovoltaic systems** 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.

## Rationale for determination:

The State of Nevada is proposing to provide ARRA funding from the State Energy Program to the City of Las Vegas to install parking structures with photovoltaic (PV) solar panels on city-owned property. The locations in Las Vegas would be: 3100 E. Bonanza Road, 3521 N. Durango Drive, 3501 N. Durango Drive, 2875 Ronemus Drive, 2825 Ronemus Drive, 3110 Stewart Avenue, and 3100 Stewart Avenue. All the sites would be 100 kW systems, with the exception of the 3100 Stewart Avenue site which would be a 80 kW system. The parking structures are steel supported frames with a 10 foot clearance and would have the PV mounted on the roof. All proposed sites are paved parking lots. Each PV system would net-metered with power connected directly from the panels to each associated building/facility through existing underground conduit lines, which would eliminate trenching. Ground disturbances would be limited to the areas at the placement of the column supports, between the conduits to the PV panels and between the conduits to the building meters, all on previously disturbed ground that is either asphalt or concrete.

The U.S. Fish and Wildlife Service (USFWS) Endangered Species Program website identifies 15 candidate, threatened or endangered species that are known to, or are believed to occur in Clark County, Nevada. However, due to the lack of potential habitat for any the species at the project site, lack of critical habitat in the vicinity of the site and the previously disturbed and developed condition of the site; DOE has determined the proposed project would not adversely affect threatened and endangered species in the area.

The National Register of Historic Places does not identify any historic or cultural resources at the proposed project sites.

Prime farmland, wetlands, floodplains, and historical or cultural resources are not known to occur at the project site. Therefore, no impacts to these resources are anticipated.

Based on review of the project information and the above analysis, DOE has determined the proposed project would not have a significant individual or cumulative impact to human health and/or environment. DOE has determined the proposed project is consistent with actions contained in DOE categorical exclusion B1.15 "Support buildings" and B5.16 "Solar photovoltaic systems" and is categorically excluded from further NEPA review.

**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.

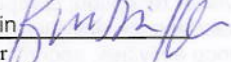
Insert the following language in the award:

You are required to:  
All construction must stop and the DOE must be notified immediately if the Desert Tortoise is identified at any of the project sites.

Note to Specialist :

Diana Heyder 06/12/2014

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

NEPA Compliance Officer Signature: Electronically Signed By: Kristin Kerwin  Date: 6/13/2014  
NEPA Compliance Officer

**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: \_\_\_\_\_ Date: \_\_\_\_\_  
Field Office Manager