

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



RECIPIENT: City of Roswell - Georgia

STATE: GA

PROJECT TITLE : Solar Power: Roswell Water Treatment Plant

Notice of Funding Opportunity Number
DE-FOA-0002882

Procurement Instrument Number
DE-SE0000522

NEPA Control Number
GFO-SE0000522-001

CID Number

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Policy 451.1), 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.)

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 U.S. Department of Energy (DOE) is proposing to provide funding to the City of Roswell to install a roof-mounted solar photovoltaic (PV) array system at the Roswell Water Treatment Plant in Roswell, Georgia. This project would be funded under the Administrative and Legal Requirements Document (ALRD) for the Energy Efficiency Conservation Block Grant (EECBG) Program Formula Infrastructure Investment and Jobs Act.

Award activities would involve the installation of a roof-mounted solar PV array system totaling approximately 60-65-kilowatts on two buildings at the Roswell Water Treatment Plant, the control/operations building and the chemical/electrical building. The roof-mounted solar array would encompass grid-tied solar panels, wiring, electrical equipment, racking and mounting components, conduits, and surge protection on both buildings. A 50-kilowatt, 3-Phase String Inverter would be installed in the chemical/electrical building.

No ground disturbance or changes in the use or operation of the existing facility are anticipated. The project would not require review from the Georgia State Historic Preservation Office (SHPO) because the building is less than 50 years old. Therefore, the project does not meet the conditions for SHPO consultation under the DOE-executed Historic Preservation Programmatic Agreement for the state of Georgia. The City of Roswell is planning to perform a structural analysis of the roofs proposed for the solar arrays to determine if any structural modifications are required. If any modifications to the water treatment plant are deemed necessary, a new NEPA review would be required before the associated work can begin.

Minimal air emissions may result from vehicles and equipment that would be used to install the solar arrays, but emissions would be temporary and intermittent. Hazards associated with the activities include working at elevated heights with heavy machinery (i.e., crane), and with electricity and electrical equipment. Existing government and corporate health, safety, and environmental policies and procedures would be followed, including personnel training, proper personal protective equipment, monitoring, and internal assessments.

The City of Roswell would observe all applicable federal, state, and local health, safety, and environmental regulations and requirements. DOE does not anticipate any impacts to resources of concern due to the proposed activities of the project.

NEPA PROVISION

DOE has made a final NEPA determination.

Include the following condition in the financial assistance agreement:

1. The City of Roswell must adhere to the terms and restrictions of the DOE-executed Historic Preservation Programmatic Agreement with the State of Georgia, available at <https://www.energy.gov/node/812599>.
2. The City of Roswell is responsible for reviewing the online NEPA and Historic Preservation training at www.energy.gov/node/4816816 and contacting EECBG.NEPA@ee.doe.gov with any EECBG NEPA or historic preservation questions. Please make sure to copy your DOE Project Officer on the email.
3. The City of Roswell is required to submit an annual historic preservation report in the Performance and Accountability for Grants in Energy (PAGE) system located at <https://www.page.energy.gov/default.aspx>. If you have any questions about completing the annual historic preservation report, please contact historicpreservation@ee.doe.gov and include your DOE Project Officer on the email.
4. If the assessment of the existing facility concludes that a change in the scope of work is required, including but not limited to roof structural improvements, then a new NEPA review would be necessary before the associated work can begin. NEPA must be consulted before moving forward with project activities.
5. The City of Roswell must obtain all required approvals/authorizations, such as from the City's building inspection department and Geogia Power, before the solar PV array system is placed into operation.

Notes:

Office of State and Community Energy Programs – EECBG
 This NEPA determination requires legal review of the tailored NEPA provision.
 NEPA review completed by Nick Iraola, 12/5/2024

FOR CATEGORICAL EXCLUSION DETERMINATIONS

The proposed action (or the part of the proposal defined in the Rationale above) fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D. To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

There are no extraordinary circumstances related to the proposed action that may affect the significance of the environmental effects of the proposal.

The proposed action has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

The proposed action is categorically excluded from further NEPA review.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:  Electronically Signed By: Matthew Blevins Date: 12/5/2024

 NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION

- Field Office Manager review not required
- Field Office Manager review required

BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature: _____
Field Office Manager

Date: _____