

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



RECIPIENT: [Town of Morrisville](#)

STATE: [NC](#)

PROJECT TITLE : [Solar Panel Installations on Town Facilities](#)

Notice of Funding Opportunity Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-EE0010811	GFO-0010811-002	GO10811

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:

B5.16 Solar photovoltaic systems (a) The installation, modification, operation, or decommissioning of commercially available solar photovoltaic systems:

1. Located on a building or other structure (such as rooftop, parking lot or facility, or mounted to signage, lighting, gates, or fences); or
2. Located within a previously disturbed or developed area.

(b) Covered actions would be in accordance with applicable requirements (such as land use and zoning requirements) in the proposed project area and the integral elements listed at the start of appendix B of this part, and would be consistent with applicable plans for the management of wildlife and habitat, including plans to maintain habitat connectivity, and incorporate appropriate control technologies and best management practices.

Rationale for determination:

The U.S. Department of Energy (DOE) is proposing to administer Congressionally Directed Spending to the Town of Morrisville, North Carolina, for the installation of solar photovoltaic (PV) arrays at multiple locations. The installations would occur on buildings owned by the municipality.

DOE previously completed a NEPA Determination (ND) for all previously defined award activities and locations (GFO-0010811-001: exclusions A9 and B5.16, signed 3/19/2024). Since that time, a new location has been proposed, in addition to those previously reviewed. This ND applies to activities taking place at this new location.

Project activities would consist of the installation of a 41 kilowatt PV array on the roof of Chamber Suite A, an office building constructed in 2001 and currently housing both the Morrisville Police and Planning Departments. Installation would include PV panels, inverters, and wiring to connect to the existing electrical system.

No ground disturbance would occur. Minimal air emissions may result from the use of equipment during system installation. However, significant air impacts are not anticipated since emissions would be temporary and intermittent. No tree cutting or trimming would occur. Neither floodplains nor wetlands occur in the proposed project area.

The United States Fish and Wildlife Service Information for Planning and Consultation website identifies three species of concern (Tricolored Bat, Monarch Butterfly, and Michaux's Sumac) which may occur in the proposed project area. There is no critical habitat in the project area. Project activities would occur on an existing building in a developed, urban area where these species are unlikely to be present. DOE has determined no effect on special status species or on critical habitats.

All necessary permits would be obtained prior to commencing activities. Potential hazards include typical hazards associated with construction, electrical, and mechanical work. Award recipients would adhere to established health and safety policies and procedures when performing project work, and would observe all applicable federal, state, and local health, safety, and environmental regulations.

DOE has considered the scale, duration, and nature of proposed activities to determine potential impacts on resources, including those of an ecological, historical, cultural, and socioeconomic nature. DOE does not anticipate impacts on these resources which would be considered significant or require DOE to consult with other agencies or stakeholders.

NEPA PROVISION

DOE has made a final NEPA determination.

Notes:

Solar Energy Technologies Office
NEPA review completed by Andrew McClellan, 22 April 2026

FOR CATEGORICAL EXCLUSION DETERMINATIONS

The proposal fits within a class of actions that is listed in Appendix B to 10 CFR Part 1021 or Appendix B and C of DOE’s NEPA Implementing Procedures (June 30, 2025). To fit within the classes of actions listed in Appendix B to 10CFR Part 1021, or Appendix B of DOE’s NEPA Implementing Procedures, a proposal must satisfy the conditions that are integral elements of the classes of actions in Appendix B of both 10 CFR Part 1021 and DOE’s NEPA Implementing Procedures.

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.

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: Nicole Serio Date: 4/27/2026
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: _____ Date: _____
Field Office Manager