

Note:
This summary was last updated on
October 6, 2025
For current information, follow this link:
[PSC Docket Case #9793](#)

PG Vermillion Solar Project
17200 Central Avenue
Bowie, MD 20716
(Prince George's County)
[PSC Case #9793](#)

PPRP Case Manager: Barbara Brocks

Note:
This summary is based on
information provided in the CPCN
Application filed with the PSC on
May 19, 2025 and the
supplemental filing on July 22,
2025 and September 15, 2025, all
of which are subject to change and
has not yet been fully reviewed by
PPRP.

CPCN Timeline

CPCN Application filed on May 19, 2025
Applicant's Filed Direct Testimony Due: September 17, 2025
1st Public Hearing (Virtual): October 1, 2025
Intervenors' Direct Testimony Due: January 14, 2026
2nd Public Hearing: January 22, 2026
Settlement Status Update: February 17, 2026
PSC Evidentiary Hearing (if settlement is reached): March 3, 2026

Project Location:

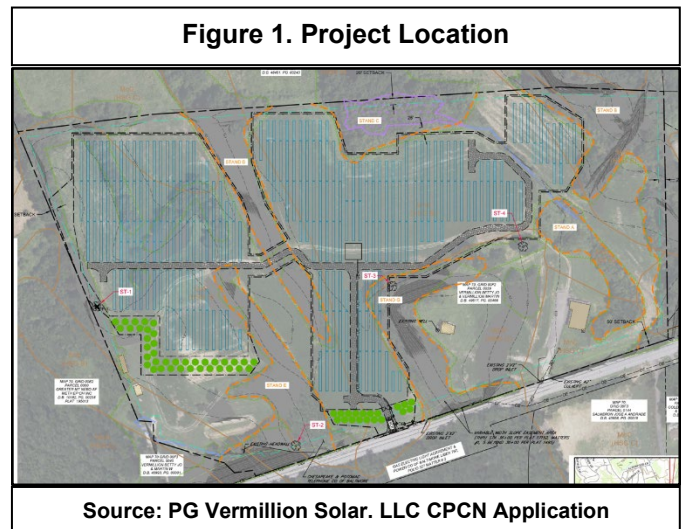
PG Vermillion Solar Project (Project) consists of solar arrays that will be located on a portion of a larger property totaling approximately 40.34 acres in Bowie, Maryland (Figure 1). [Google Map Link](#). The Project's limit of disturbance (LOD) is estimated at 20.2 acres.

Project Overview:

PG Vermillion Solar, LLC (Applicant) has applied for a CPCN to construct a 3.0 MW AC solar project in Prince George's County.

Project components currently include:

- Approximately 6,104 photovoltaic (PV) solar modules, ground-mounted on single-axis tracking rack systems.
- Interconnection equipment: connection to an existing 33 kV feeder 33890 originating from Riva Road Substation;
- 20 string inverters; and
- 2 power centers containing a central inverter station and a medium voltage transformer mounted on a concrete pad.



Site Description

The parcel that comprises the Project site mainly consists of agricultural fields, existing trees, a wetland, intermittent stream, and a residential structure and outbuildings. 46% of the LOD is considered prime farmland. Surrounding land uses include forest and additional agricultural lands.

The Project is a Community Solar Energy Generating System and will deliver all its output to Maryland residents via the Baltimore Gas Electric (BGE) electric distribution grid. The Applicant applied to the PSC for authorization to participate in Maryland's Community Solar Program and was assigned Subscriber Organization Identification Number 24A3115890007405. The project has received conditional interconnection approval from BGE.

Impact Assessment Highlights

Biological

- The Applicant's ERD states that the parcel contains one intermittent stream which is an unnamed tributary to Mount Nebo Branch. This intermittent stream is located outside the LOD.
- The Applicant's ERD indicates that one non-tidal wetland was found on the property and MDE concurred with the Applicant's determination in an email dated April 9, 2025.

- The Applicant's January 6, 2025 letter from the Maryland Department of Natural Resources (DNR), determined that this Project site "falls within the drainage to Stocketts Run which is known to support the state-listed threatened American Brook Lamprey (*Lethenteron appendix*)".
- The Applicant's October 25, 2024, letter from the U.S. Fish and Wildlife Service (USFWS) identifies monarch butterfly (*Danaus plexippus*) habitat and states "there are no critical habitats within your project area".
- The Applicant states that the Project will apply for the Pollinator-Friendly Solar Facility Designation.
- The Applicant's ERD states the Project is not located within a Tier II catchment area.
- The Project proposes clearing 2.28 acres of existing trees.
- The Applicant states that about 1.37 acres of the Project will be impervious surface.

Noise Impacts

- The Applicant's ERD states that the nearest off-site, non-participating residence is located approximately 1,100 feet away from the equipment pads which is anticipated to receive less than 65 decibels of noise. The nearest off-site, non-participating residence from the solar array racking installations is approximately 400 feet.

Visual Impacts

- The Project includes a minimum setback of 50 feet for front yards and 20 feet from rear and side yards, and will be enclosed by a 7-foot tall fence.
- The Applicant intends to plant a 50-foot wide vegetative buffer along the Project boundary with Central Avenue only, and is proposing to utilize existing trees to buffer the remainder of the Project.
- The Applicant consulted the Federal Aviation Administration (FAA) which confirmed that this Project would not exceed notice criteria.
- The Applicant consulted the Maryland Aviation Administration (MAA) who determined that the Project location is not within an Airport Zoning District and no further action is required.
- The Applicant contacted Joint Base Andrews (JBA) who indicated that the Project did not pose an impact to base operations.

Cultural Resource Impacts

- The Applicant has corresponded with the Maryland Historical Trust (MHT), which determined the Project will have no adverse effects on historic resources. The Maryland-National Capital Park and Planning Commission's (MNCPPC) review of the Project recommended conducting a Phase I Archeological Survey for property. The Applicant is currently conducting the Phase I Archeological Survey and will file the survey in the docket for Case 9793 once complete.

Public Safety and Transportation

- The Applicant states that the entrance to the Project site will be immediately off Central Avenue.
- The Applicant's ERD indicates that major material and equipment will be transported by tractor-trailers and offloaded by construction vehicles during the construction phase. However, the Applicant anticipates that most daily construction traffic will consist of cars, pickup trucks, and other personnel vehicles. Once construction has been completed, vehicle access will be for operation and maintenance purposes.
- The Applicant plans to include an access road for emergency vehicle access or other access lanes as approved by the State and/or County Fire Marshal.

Economic and Fiscal

- The Applicant estimates that the Project will require approximately 32 direct and indirect jobs during construction. Following construction, the Project will generate one to two jobs over the first five years following the completion of construction.
- The Applicant indicates that the Project represents a capital investment of approximately \$8 million.

Greenhouse Gas Emissions Avoided

- The Applicant indicates that the Project will displace approximately 3,280 tons of carbon dioxide (CO₂) per year, resulting in displacement of approximately 133,700 tons of CO₂ over the 35 year life of the Project.