

Note:
This summary was last updated on
February 12, 2026
For current information, follow this link:
[PSC Docket Case #9816](#)

Harford Calvary Solar Project

2030 Calvary Road

Bel Air, MD 21015 (Harford County)

PSC Case #9816

Note:
This summary is based on
information provided in the CPCN
Application and supplemental
information filed with the PSC on
October 15, 2025, which are
subject to change and have not
yet been fully reviewed by
PPRP.

CPCN Timeline

CPCN Application filed on September 26, 2025
Applicant's Filed Direct Testimony Due: January 14, 2026
1st Public Hearing (Virtual): February 17, 2025
Intervenor's Direct Testimony Due: August 10, 2026
2nd Public Hearing: August 13, 2026
Settlement Status Update: September 22, 2026
PSC Evidentiary Hearing (if not contested): October 6, 2026

Project Location:

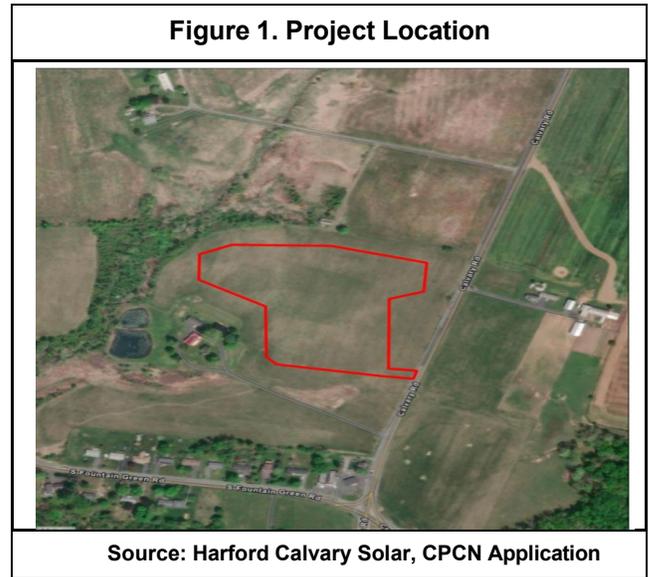
The Harford Calvary Solar Project (Project) will be located on a portion of a larger property totaling approximately 54 acres in Joppa, Maryland (Figure 1). [Google Map Link](#) Per the Applicant, the approximate limit of disturbance (LOD) for the Project will be 11.69 acres.

Project Overview:

Harford Calvary Solar (Applicant) has applied for a CPCN to construct a 2.5 MW AC solar array in Harford County.

Project components include:

- 5,336 Solar modules ground mounted on a fixed tilt tracking system;
- Interconnection equipment;
- 10 string inverters; and
- One medium-voltage transformer; and
- Four new utility poles



Site Description

The parcel that comprises the Project site has been used for agricultural purposes. Prime farmland encompasses 78% of the LOD (9.1 acres). Surrounding land uses include residential structures, forest, wetlands, as well as a large utility-scale solar project. The Project parcel is located within the Agricultural Zone (AG). Harford County does not permit solar generating facilities in the Agricultural Zone, but the Project otherwise conforms to other County land use regulations.

The Project is a Community Solar Energy Generating System (CSEGS) and will deliver all its output to Maryland residents via the Baltimore Gas and Electric (BGE) 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 22A2390150005002. The Project received Conditional Approval for its interconnection from BGE on July 17, 2023.

Impact Assessment Highlights

Biological

- The Applicant's Wetland Report indicates that there are no streams, waterbodies, wetlands, or buffers within the Project site.
- The property is located within the Bynum Run UT Tier II High Quality Waters Catchment, which has assimilative capacity remaining. No further MDE review will be required.
- DNR WHS reported that there are no rare, threatened, or endangered species in the vicinity of the Project site.
- The Applicant states that the Project will apply for the Pollinator-Friendly Solar Facility Designation.
- The Applicant indicates that less than one percent of impervious area will be added for the Project.
- The Applicant's ERD states the Project is not located in the Critical Area.

- The Applicant states that no forest clearing will occur.

Noise Impacts

- The Applicant states that the closest residence is located approximately 550 linear feet from the nearest portion of the Project's LOD. The Applicant anticipates sound levels to be significantly lower than the regulated 65 dBA.

Visual Impacts

- The Applicant proposes to enclose the Project with a 7-foot security fence.
- The Applicant proposes a 20-foot-wide landscape buffer around the perimeter of the Project, except on the western side, where there is forest cover greater than 50 feet.
- 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) which determined that this project is not an obstruction or hazard to air navigation.
- Harford County airport is approximately five miles from the Project site and Fallston Airport is approximately 7 miles from the Project site. In addition, two military airfields are within 15 miles of the site.

Cultural Resource Impacts

- The Applicant has corresponded with the Maryland Historical Trust (MHT), which has determined that the Project will have no adverse effect on historic properties.

Public Safety and Transportation

- The Applicant states that construction vehicles will access the Project from a new entrance on Calvary Rd.
- The Applicant anticipates that most daily construction traffic may include tractor trailers, miscellaneous construction equipment, and personnel vehicles. During operation, traffic will mostly be limited to maintenance crews for seasonal mowing and vegetation maintenance, as well as maintenance for any operational issues.
- The Applicant plans to coordinate with the County Fire Marshal to ensure that the Project is compliant with the County Fire Prevention Code.

Economic and Fiscal

- The Applicant estimates that the Project will require approximately 20-30 direct and 20-30 indirect jobs during construction. Following construction, the Project will generate 2-4 jobs.
- The Applicant indicates that the Project will provide approximately \$2,150,000 in projected tax revenue for the life of the Project.

Greenhouse Gas Emissions Avoided

- The Applicant indicates that the Project would reduce carbon dioxide (CO₂) emissions in Maryland by approximately 2.936 tons per year.