

Note:  
This summary was last updated on  
January 7, 2026  
For current information, follow this link:  
[PSC Docket Case #9829](#)

**Harford Chapel Solar Project**  
**Chapel Road**  
**Abingdon, MD 21009 (Harford County)**  
**PSC Case #9829**

Note:  
This summary is based on  
information provided in the CPCN  
Application and supplemental  
information filed with the PSC on  
**October 30, 2025**, which are  
subject to change and have not  
yet been fully reviewed by  
PPRP.

**CPCN Timeline**  
**CPCN Application filed on October 31, 2025**  
**Public Informational Meeting: prior to April 30, 2026**  
**Applicant's Filed Direct Testimony Due: April 14, 2026**  
**Intervenor's Direct Testimony Due: October 1, 2026**  
**Public Comment Hearing: October 6, 2026**  
**Settlement Status Update: October 29, 2026**  
**Evidentiary Hearing (if settlement is reached): November 5, 2026**

**Project Location:**

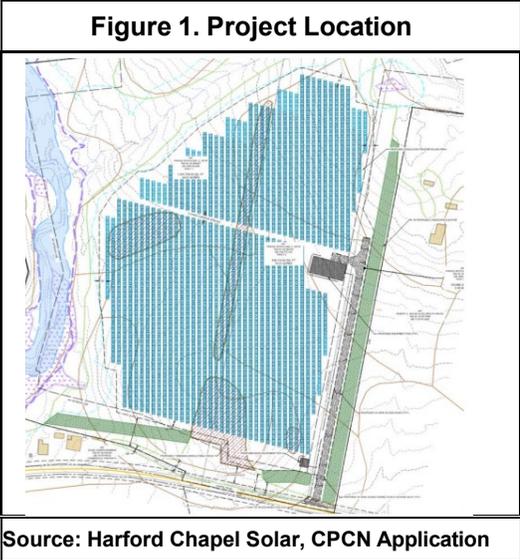
The Harford Chapel Solar Project (Project) will be located on a portion of a larger property totaling approximately 57 acres in Abingdon, Maryland (Figure 1). [Google Map Link](#) Per the Applicant, the approximate limit of disturbance (LOD) for the Project will be 16.7 acres.

**Project Overview:**

Harford Chapel Solar (Applicant) has applied for a CPCN to construct a 5 MW AC solar array in Harford County.

Project components include:

- 7,812 Solar modules ground mounted on a single-axis tracking system;
- Interconnection equipment;
- 34 string inverters; and
- One medium-voltage transformer



**Site Description**

The parcel that comprises the Project site has been used for agricultural purposes and also contains an undeveloped forested area. Prime farmland encompasses the entirety of the LOD (16.7 acres). Surrounding land uses include residential structures, forest, and wetlands. The Project parcel is located within the Agricultural Zoning District (AG). Harford County does not allow solar generating facilities in the Agricultural Zoning District.

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 25A3149190007917. The Project received Conditional Approval for its interconnection from BGE on June 10, 2025.

**Impact Assessment Highlights**

*Biological*

- The Applicant's Wetland Report indicates that there no streams, waterbodies, wetlands, or buffers within the Project site.
- 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 approximately 0.55 acres of impervious area will be added to the Project.
- The Applicant's ERD states the Project is not located in the Critical Area or a Tier II watershed.
- The Applicant states that 1.12 acres of forest clearing will occur.

*Noise Impacts*

- The Applicant states that the closest residence is located greater than 200 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 35-foot-wide landscape buffer on the eastern and some portions of the southern perimeters of the Project. The northern and western perimeters will be buffered by 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.
- The Project is located within 3 nautical miles of Harford County Airport.

#### *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 Chapel 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 44 jobs during construction. Following construction, the Project will generate 1-2 jobs.
- The Applicant indicates that the Project will provide approximately \$68,600 in projected tax revenue for each year of operation.

#### *Greenhouse Gas Emissions Avoided*

- The Applicant indicates that the Project would reduce carbon dioxide (CO<sub>2</sub>) emissions in Maryland by approximately 6,370 tons per year.