

Note:
This summary was last updated
on
February 24, 2026
For current information, follow
this link:
[PSC Docket Case #9840](#)

Green Road MD LLC Solar Project
14503 Green Road
Baldwin, MD 21013 (Baltimore County)
[PSC Case #9840](#)

Note:
This summary is based on
information provided in the
CPCN Application and
supplemental information
filed with the PSC on
December 12, 2025,
which are subject to
change and have not yet
been fully reviewed by
PPRP.

CPCN Timeline

CPCN Application filed on December 12, 2025
Public Informational Meeting: prior to April 10, 2026
Applicant's Filed Direct Testimony Due: August 11, 2026
Intervenor's Direct Testimony Due: March 11, 2027
Public Comment Hearing: week of March 22, 2027
Settlement Status Update: April 20, 2027
Evidentiary Hearing (if settlement is reached): May 4, 2027

Project Location:

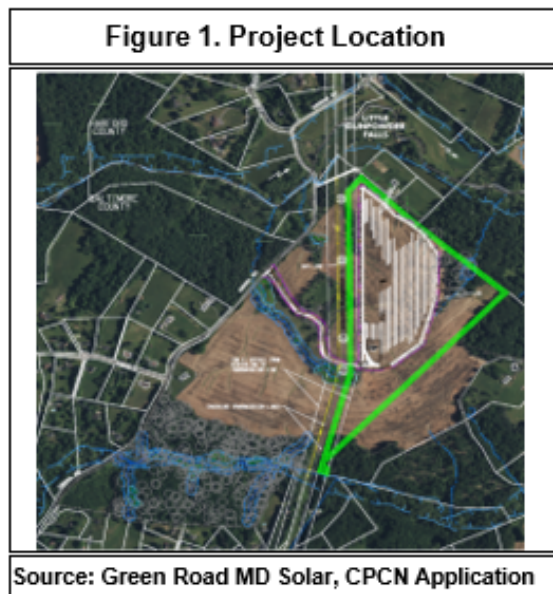
The Green Road MD Solar Project (Project) will be located on a portion of a larger property totaling approximately 188 acres in Baldwin, Maryland (Figure 1). [Google Map Link](#) Per the Applicant, the approximate limit of disturbance (LOD) for the Project will be 36.1 acres.

Project Overview:

Green Road MD Solar (Applicant) has applied for a CPCN to construct a 2.75 MW AC solar array in Baltimore County.

Project components include:

- 5,496 Solar modules ground mounted on a single-axis tracking system;
- Interconnection equipment;
- 11 string inverters; and
- One medium-voltage transformer



Site Description

The parcel that comprises the Project site has been used for agricultural purposes. Prime farmland encompasses approximately 20% of the site, but as this site will be utilizing agrivoltaics, no prime farmland will be taken out of production. Surrounding land uses include residential structures, forest, and wetlands. The Project parcel is located within the Resource Conservation- Agricultural Zoning District (RC2). Baltimore County does not allow solar generating facilities in the RC2 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 22A2421130005564. The Project received Conditional Approval for its interconnection from BGE on December 18, 2023.

Impact Assessment Highlights

Biological

- The Applicant's Wetland Report indicates that there are no streams, waterbodies, wetlands, or buffers within the Project LOD.
- DNR WHS reported that there are no rare, threatened, or endangered species in the vicinity of the Project site.
- The Applicant indicates that approximately 0.55 acres of impervious area will be added to the Project.
- The Applicant indicates that the Project is located in the Little Gunpowder Falls 3 Tier II catchment, with no assimilative capacity.
- The Applicant's ERD states the Project is not located in the Critical Area.
- The Applicant states that the Project will not require forest clearing.

Noise Impacts

- The Applicant states that the closest residence is located greater than 284 linear feet from the nearest solar panel and 367 feet from any electrical equipment. 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.
- As the proposed Project is utilizing agrivoltaics, no landscape buffer is currently proposed.
- 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 10 nautical miles of six airports or heliports.

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 via an extension of the existing entrance off of Lynch Lane.
- 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 76 jobs during construction. Following construction, the Project will generate 1-2 jobs.
- Since the Project will remain an operating farm, it will not contribute business taxes to either the County or the State.

Greenhouse Gas Emissions Avoided

- The Applicant indicates that the Project would reduce carbon dioxide (CO₂) emissions in Maryland by approximately 3,510 tons per year.