

Note:
This summary was last updated on
March 25, 2021
For current information, follow this link:
[PSC Docket Case #9656](#)

CITRON SOLAR
Near 29593 Foskey Lane
Delmar, MD
(Wicomico County)
[PSC Case #9656](#)

PPRP Case Manager: Frederick S. Kelley

Note:
This summary is based on
information provided in the CPCN
Application dated **December 1, 2020**
which is subject to change and has
not yet been fully reviewed by PPRP

CPCN Timeline

CPCN Application filed on December 1, 2020
Applicant's Direct Testimony Filed: April 13, 2021
PPRP's Direct Testimony Due: July 23, 2021
1st Public Hearing: date, time and location April 6, 2021
2nd Public Hearing: date, time, and location July 27, 2021
PSC's Evidentiary Hearing: August 17, 2021

Project Location:

The Project will occupy approximately 25 acres across three contiguous parcels that total approximately 38-acres, located near 29593 Foskey Lane in Delmar (Figure 1). [Google Map Link](#)
The parcels are located approximately one mile southwest of Delmar.

Project Overview:

Kumquat & Citron Solar, LLC has filed for a [CPCN](#) to construct a 7.2 MW AC solar array in Wicomico County.

Project components include:

- Approximately 24,440 photovoltaic (PV) modules mounted on a fixed-tilt racking system (spacing to be determined as part of final design);
- 3MW/6MWH Energy Storage Unit
- Interconnection equipment
- 48 inverters
- 1 switchboard and transformer pad.

An additional "non-jurisdictional" solar project (1.95 MW) will also occupy 8 acres of one of the three Project parcels.

Figure 2: Aerial Photograph of Project Site



Source: Perennial Solar Project CPCN Application.

Site Description

The Project is located in Delmar and will occupy three contiguous parcels. Land use at the site is currently a combination of agricultural fields and forested land. There are no structures at the Project site; however, some residential structures are present west of the Project parcels, while an industrial area is located immediately north. Figure 2 shows the proposed Project layout. The Applicant has contracted to lease the Project parcels from the current property owner. The area is zoned Heavy Industrial (I-2); Wicomico County permits privately owned and operated utilities within this zone. More than 90% of the proposed Project area is classified as Prime Farmland, if irrigated. Surrounding land uses include agricultural, forested, residential, and industrial areas.

The Project will connect to the Delmarva Power & Light (DPL) transmission system behind the 69/12 kV transformer at Choptank Electric Cooperative's Edgewood substation.

Figure 1: Project Location



Impact Assessment Highlights

Biological

- The Application states that the Project will include removal of a forest stand in the northern portion of the Project site (approximately 15 acres, containing 6 specimen trees, and classified as Priority 1 Forest Retention Area). The Applicant intends to comply with Wicomico County's Forest Conservation Ordinance, but also intends to apply for a variance to remove the specimen trees.
- The Application states that the Project site is located within FEMA Flood Zone X, which is a moderate to minimal risk area.
- The Project site contains three soil types, Pepperbox-Rockawalkin, Rosedale, and Runclint, all of which are deep, sandy, Coastal Plain soils with slopes ranging from 0 to 5% and are moderate to well-draining soils.
- The Project site is located within the Leonard Pond Run watershed, which discharges to the Wicomico river and ultimately to the Chesapeake Bay. The headwaters of the Wicomico River are protected under Class I Use: Water Contact Recreation and Protection of Nontidal Warm water Aquatic Life.
- The Project site lies outside of the Critical Area and is not located near any Tier II streams or catchments.
- The Applicant's Wetland Field Assessment Report found a 1,873.97 square feet wetland in the central portion of the Project site. The Applicant has received a Letter of Authorization (LOA) from MDE to fill and grade this wetland for the Project.
- The Application states that the Applicant intends to include pollinator-friendly species (i.e. white clover) in the seed mix for final vegetative stabilization of the Project following construction.
- The Wildlife and Heritage Service has determined that there are no official State or Federal records of rare, threatened, or endangered species at the Project site.

Visual Impacts

- The Application indicates that the Project will include a landscape buffer of indigenous shrubs. The landscape buffer plan is to be prepared by a licensed landscape architect and reviewed and approved by Wicomico County.

Transportation

- During construction, equipment will be delivered by tractor-trailer. Excavation and other heavy equipment that may be used could include front loaders, dump trucks, concrete trucks, excavators, trenching equipment, backhoes, post installation equipment, and other similar vehicles and equipment. Daily construction traffic will include pickup trucks and other personnel vehicles.
- After construction, traffic will mostly be limited to maintenance crews for seasonal mowing and vegetation maintenance as well as quarterly to yearly maintenance on the solar array.

Economic and Fiscal

- The Applicant estimates that the Project will create 30-50 temporary labor and electrician jobs during the construction period.
- The Application indicates that the Project represents a capital investment of approximately \$15 million.

Cultural & Aesthetic

- The Application indicates that the Maryland Historic Trust (MHT) has concluded that no Phase I archaeological survey or Determination of Eligibility (DOE) forms are required for the Project site.