

Clean Energy Development and Services (CEDS)



Property Information Sheet

Property or Site Name Lord Fairfax Community College
Address 6480 College St
City State Zip Warrenton, VA 20187
County Fauquier County

Property Size Acres 50.14 acres
GPS Coordinates 38.682099, -77.782972
Number of sites in Parcel 1
Annual Energy Usage (Parcel) 4,183 kWh
Utility Provider Dominion



Google Maps Image

Area for Potential PV Installation 11.2 acres

Table 1: Solar PV Potential for Property.

Solar Array needed to meet Annual Kwh Demand	(3 kW DC)
Number of 250 watt panels needed	13
Annual Solar Insolation at Site	4.88 (kWh/m2/Day)
Acres needed for Array (8 acre per MW)	- Acres

DOMINION DATA MAY BE INACCURATE-ANNUAL DEMAND SEEMS LOW

Site overview

The Lord Fairfax parcel is mostly forested but does have some open areas available. There is a pond on the site and a large parking lot.

The Dominion COV list had a single entry for this service address, showing annual demand at 4,183 kWh. This value seems low for a Community College. Electric demand information will have to be verified.

Facilities within the Parcel

Lord Fairfax Community College

Nearby State Entities

None





0 0.11 Miles



Terrain Slope Legend

- No Color 8% or Less
- 8 - 10 %
- 10-20% and up

- Open Areas
- Parcel Boundary



Google Maps Image



