Clean Energy Development and Sevices (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

Area for Potential PV Installation 11.2 acres



Google Maps Image

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

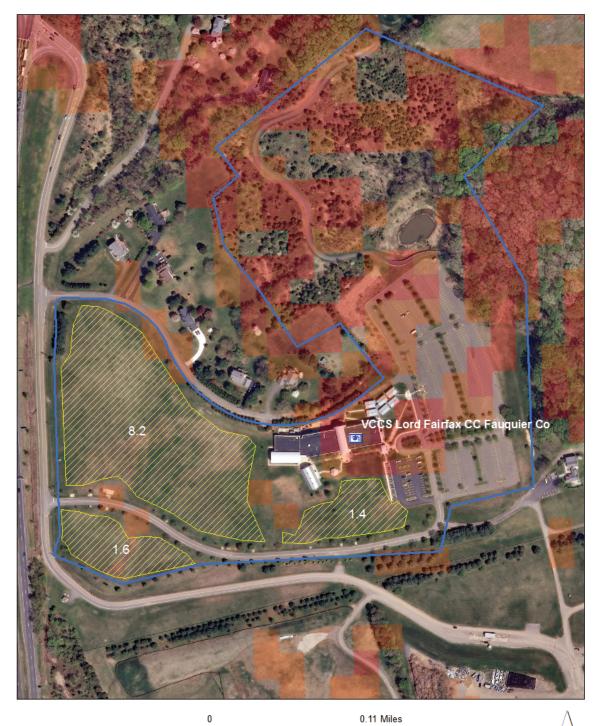
None



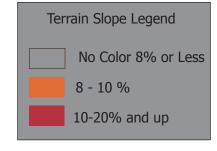
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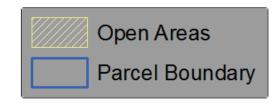


Esri ArcGIS Screenshot









Center for Wind Energy at James Madison University PVS

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Google Maps Image











