

# Clean Energy Development and Services (CEDS)



## Property Information Sheet

Property or Site Name      Dabney S. Lancaster Community College  
Address                        1000 Dabney Dr.  
City State Zip                Clifton Forge, VA 24422  
County                         Alleghany County

Property Size Acres            140.06 acres  
GPS Coordinates               37.811616, -79.851861  
Number of sites in Parcel      1  
Annual Energy Usage (Parcel) 1,593,823 kWh  
Utility Provider                Dominion



Google Maps Image

Area for Potential PV Installation 8.7 acres

Table 1: Solar PV Potential for Property.

Solar Array needed to meet Annual Kwh Demand	1.22 MW (1,221 kW DC)
Number of 250 watt panels needed	4,882
Annual Solar Insolation at Site	4.77 (kWh/m2/Day)
Acres needed for Array      (8 acre per MW)	10 Acres

### Site overview

The D.S. Lancaster parcel lies within a river meander and is adjacent to the DMA Alleghany Armory. The property is mostly forested but there are open areas that could be utilized. The college also owns the parcel on the other side of the interstate.

### Facilities within the Parcel

Dabney S. Lancaster Community College  
DMA Alleghany Armory

### Nearby State Entities

Department of Military Affairs Armory building is within the DSLCC boundary and the Armory parcel seems to be vacant





0 0.2 Miles



Terrain Slope Legend

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

- Open Areas
- Parcel Boundary



Esri ArcGIS Screenshot



0 0.15 Miles



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