

# Clean Energy Development and Services (CEDS)



## Property Information Sheet

Property or Site Name      Blue Ridge Community College  
Address                        1 College Lane  
City State Zip                Weyers Cave, VA 24486  
County                         Augusta County

Property Size Acres            77.13 acres  
GPS Coordinates               38.278865, -78.939251  
Number of sites in Parcel      1  
Annual Energy Usage (Parcel) 5,445,100 kWh  
Utility Provider                Dominion



Google Maps Image

Area for Potential PV Installation 5.8 acres

Table 1: Solar PV Potential for Property.

Solar Array needed to meet Annual Kwh Demand	4.02 MW (4,018 kW DC)
Number of 250 watt panels needed	16,073
Annual Solar Insolation at Site	4.95 (kWh/m2/Day)
Acres needed for Array      (8 acre per MW)	32 Acres

### Site overview

The Blue Ridge CC parcel is located along Interstate 81. The property has slopes in excess of 10%, and structures and parking areas taking up most of the space. There are small, open areas that could be utilized.

### Facilities within the Parcel

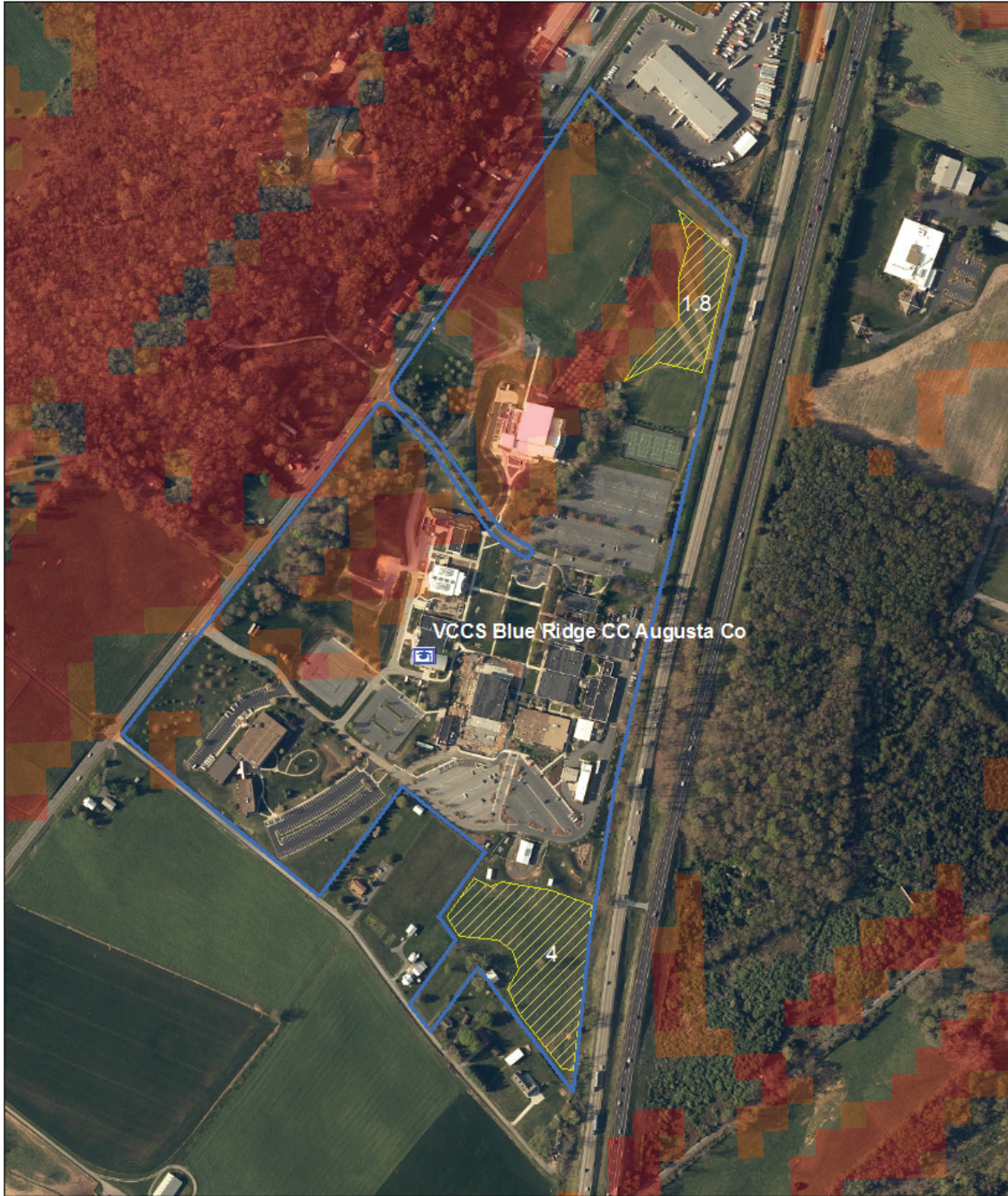
Blue Ridge Community College

### Nearby State Entities

None.



Esri ArcGIS Screenshot



0 0.2 Miles



Terrain Slope Legend

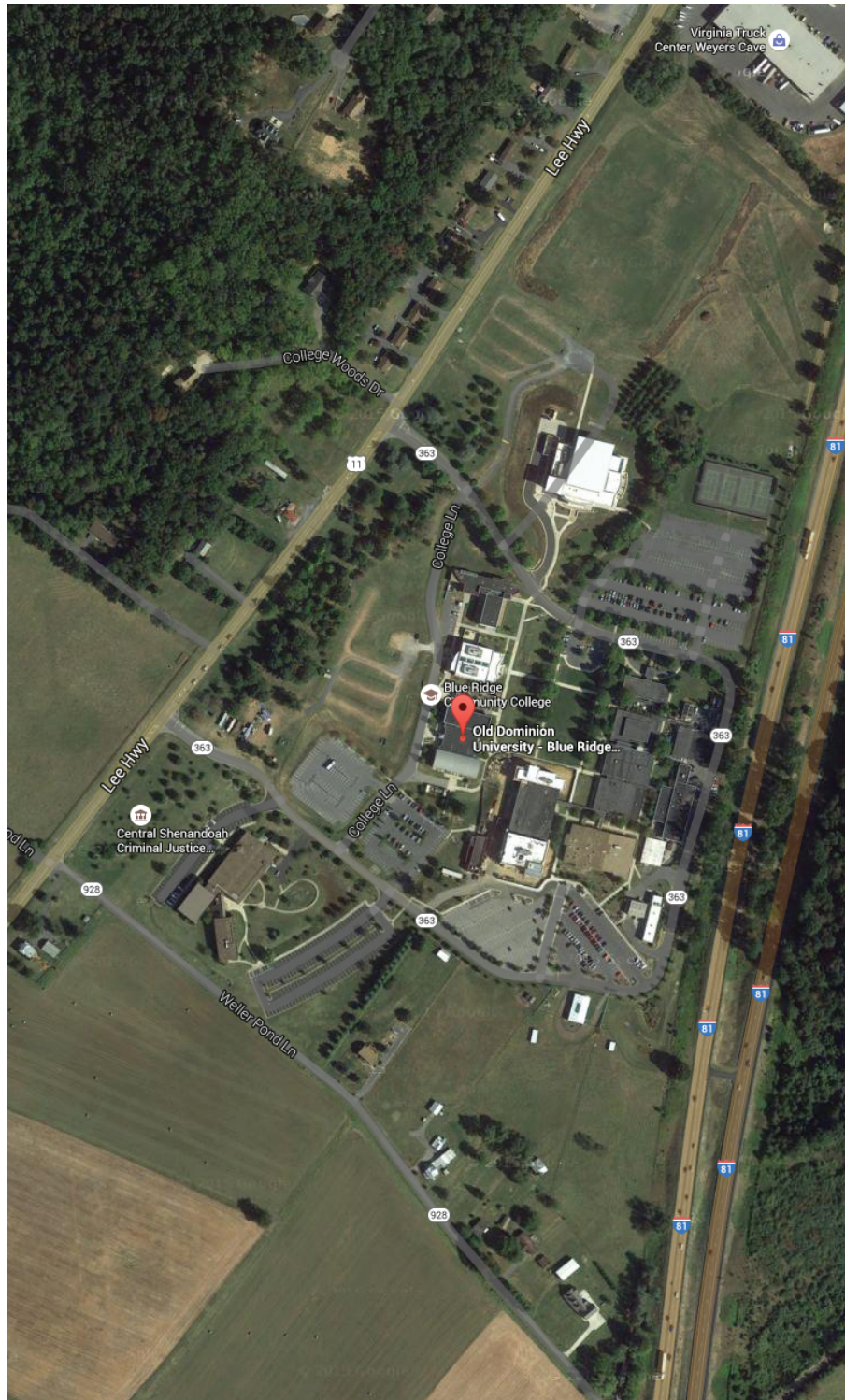
- No Color 8% or Less
- 8 - 10 %
- 10-20% and up

- Open Areas
- Parcel Boundary





Google Maps Screenshot



Terrain Slope Legend

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

- Open Areas
- Parcel Boundary





Google Maps Screenshot

