

# Clean Energy Development and Services (CEDS)



## Property Information Sheet

Property or Site Name            Central Virginia Correctional Unit Parcel  
Address                            6900 Courthouse Rd  
City State Zip                    Chesterfield, VA 23832  
County                              Chesterfield County

Property Size Acres                80.57 acres  
GPS Coordinates                  37.403100, -77.563341  
Number of sites in Parcel        2  
Annual Energy Usage (Parcel)   2,094,993 kWh  
Utility Provider                    Dominion



Google Earth 3D Image

Area for Potential PV Installation 9.38 acres

Table 1: Solar PV Potential for Property.

Solar Array needed to meet Annual Kwh Demand	1.52 MW (1521 kW DC)
Number of 250 watt panels needed	6,086
Annual Solar Insolation at Site	5.03 (kWh/m <sup>2</sup> /Day)
Acres needed for Array            (8 acre per MW)	12.17

### Site overview

The Central Virginia parcel contains the VDOT Pocahontas AHQ. There is a small pond on the property in the south-west corner. The property is mostly flat, with some forested areas.

### Facilities within the Parcel

Central Virginia Correctional Unit #13  
Chesterfield Womens Diversion Center

### Nearby State Entities

VDOT Pocahontas Area HQ, with an unknown annual load.

The Pocahontas AHQ address is 6902 Courthouse rd and there is no listing for the site service address in the Dominion COV list. Its possible that the above value for annual energy load for the parcel includes the VDOT site.

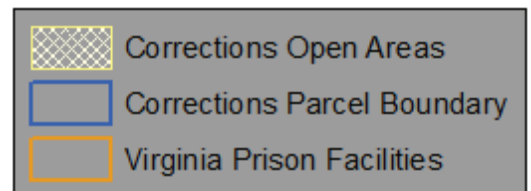
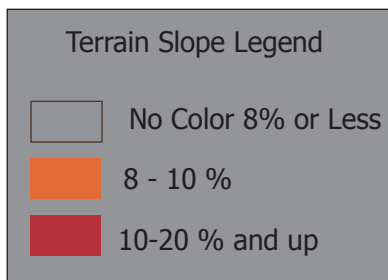


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Esri ArcGIS Screenshot



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