

Clean Energy Development and Services (CEDS)



Property Information Sheet

Property or Site Name State Farm Powhatan Parcel
Address 3900 Woods Way
City State Zip Powhatan, VA 23160
County Powhatan County

Property Size Acres 2741 acres
GPS Coordinates 37.624489, -77.840229
Number of sites in Parcel 3
Annual Energy Usage (Parcel) 17,821,791kWh
Utility Provider Dominion



Google Earth 3D Image

Area for Potential PV Installation 467.8 acres

Table 1: Solar PV Potential for Property.

Solar Array needed to meet Annual Kwh Demand	12.9 MW (12,995 kW DC)
Number of 250 watt panels needed	51,978
Annual Solar Insolation at Site	5.01 (kWh/m2/Day)
Acres needed for Array (8 acre per MW)	104

Site overview

The State Farm Complex in Powhatan parcel contains the three facilities below and has large tracts of open area. The property runs adjacent to the James River, and there are a number of agricultural fields on the site. Open areas were drawn around areas of steeper slopes. This property may have more available land than shown here, depending on how much of the agricultural fields may have been graded.

Facilities within the Parcel

Powhatan Correctional Center
Powhatan Reception Center
Deep Meadow Correctional Center

Nearby State Entities

On the other side of the river is the State Farm Complex in Goochland County. There are two corrections facilities in that parcel.



State Farm Powhatan Parcel

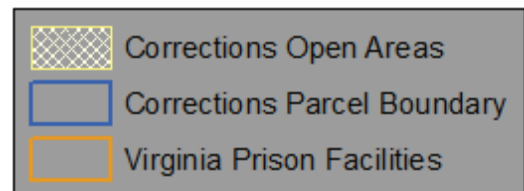
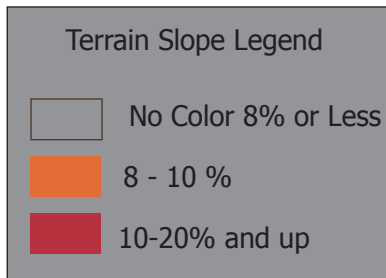
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bing™

0 0.5 Miles

Esri ArcGIS Screenshot



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