

# Clean Energy Development and Services (CEDS)



## Property Information Sheet

Property or Site Name      Virginia Correctional Center for Women Parcel  
Address                        2841 River Rd  
City State Zip                Goochland, VA 23063  
County

Property Size Acres            258.25 acres  
GPS Coordinates              37.673929, -77.891218  
Number of sites in Parcel      1  
Annual Energy Usage (Parcel) 4,497,730 kWh  
Utility Provider                Dominion



Google Earth 3D Image

Area for Potential PV Installation 33.31 acres

Table 1: Solar PV Potential for Property.

|  |                      |
|--|----------------------|
| Solar Array needed to meet Annual Kwh Demand | 3.28 MW (3279 kW DC) |
| Number of 250 watt panels needed             | 13,118               |
| Annual Solar Insolation at Site              | 5.01 (kWh/m2/Day)    |
| Acres needed for Array (8 acre per MW)       | 26.24                |

### Site overview

The VA Correctional Center for women parcel is on a sloped section of land adjacent to the James River. The slopes are greater than 8% on most of the open areas on the property but some areas could possibly be utilized.

### Facilities within the Parcel

Virginia Correctional Center for Women

### Nearby State Entities

None



# Virginia Correctional Center for Women Parcel

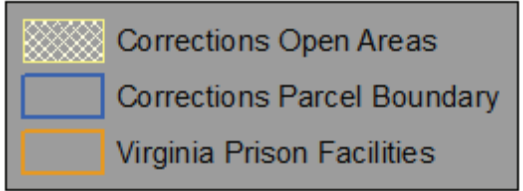
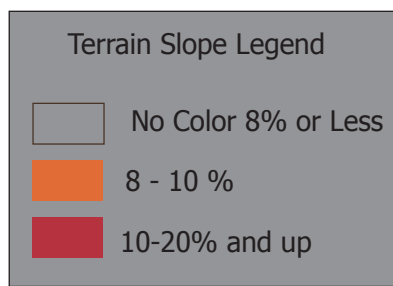
2841 River Rd  
Goochland, VA 23063



Esri ArcGIS Screenshot



0 0.3 Miles



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Google Earth 3D Image



