

Clean Energy Development and Services (CEDS)



Property Information Sheet

Property or Site Name Brunswick Corrections Parcel
Address 1147 Planters Rd
City State Zip Lawrenceville, VA 23868
County Brunswick County

Property Size Acres 790.5 acres
GPS Coordinates 36.776986, -77.822073
Number of sites in Parcel 3
Annual Energy Usage (Parcel) 1,677,666 kWh
Utility Provider Dominion



Google Earth 3D Image

Area for Potential PV Installation 328.7 acres

Table 1: Solar PV Potential for Property.

Solar Array needed to meet Annual Kwh Demand	1.21 MW (1206 kW DC)
Number of 250 watt panels needed	4,826
Annual Solar Insolation at Site	5.08 (kWh/m2/Day)
Acres needed for Array (8 acre per MW)	9.65

Site overview

The Brunswick parcel and Lawrenceville Parcel are adjacent and combined for this study. There are large tracts of agricultural fields in the parcel. Some of the property is sloped beyond 8% but some of these areas could possibly be added to the total open area available for PV.

Facilities within the Parcel

Brunswick Correctional Center
Brunswick Work Center
Lawrenceville Correctional Center

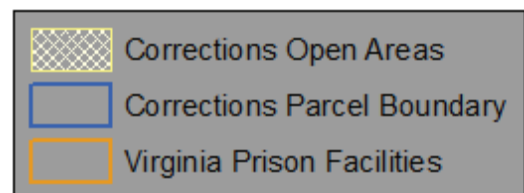
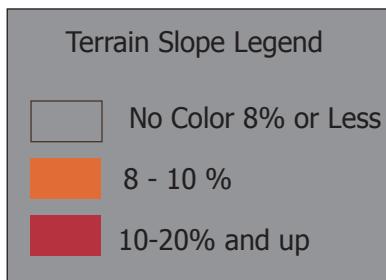
Nearby State Entities

None nearby.





Esri ArcGIS Screenshot



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