

# Clean Energy Development and Services (CEDS)



## Property Information Sheet

Property or Site Name      Southampton Correctional Parcel  
Address                      14380 Terrapin Dr  
City State Zip              Capron, VA 23829  
County                        Southampton County

Property Size Acres        2706 acres  
GPS Coordinates          36.725138, -77.249804  
Number of sites in Parcel   7  
Annual Energy Usage (Parcel) 10,880,876 kWh  
Utility Provider            Dominion



Area for Potential PV Installation   632.1 acres

Google Earth 3D Image

Table 1: Solar PV Potential for Property.

Solar Array needed to meet Annual Kwh Demand	7.84 MW (7840 kW DC)
Number of 250 watt panels needed	31,359
Annual Solar Insolation at Site	5.07
Acres needed for Array      (8 acre per MW)	63

### Site overview

The Southampton County Corrections parcel contains 7 correctional facilities on 2706 acres of mixed farmland, forest and pasture. The terrain is relatively flat with slopes between zero and 8%.

### Facilities within the Parcel

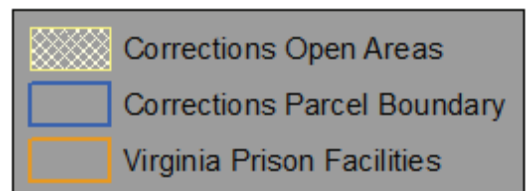
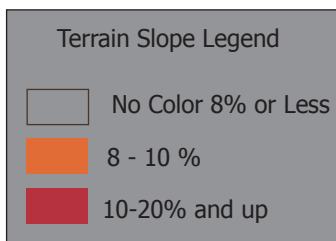
- Southampton Correctional Center
- Deerfield Correctional Center
- Deerfield Work Center for Men
- Deerfield Work Center for Women
- Southampton Mens Detention Center
- Southampton Diversion Center for Women
- Southampton County Jail Farm

### Nearby State Entities

None  
There does not appear to be any other state entities in the immediate area.



Esri ArcGIS Screenshot





Address



Google Earth 3D Image