

# Clean Energy Development and Services (CEDS)



## Property Information Sheet

Property or Site Name      Halifax Correctional Unit Parcel  
Address                      1200 Farm Rd  
City State Zip              Halifax, VA 24558  
County                        Halifax County

Property Size Acres        122.44 acres  
GPS Coordinates          36.727567, -78.930319  
Number of sites in Parcel   1  
Annual Energy Usage (Parcel) 705,035 kWh  
Utility Provider            Dominion



Google Earth 3D Image

Area for Potential PV Installation 26.81 acres

Table 1: Solar PV Potential for Property.

Solar Array needed to meet Annual Kwh Demand	0.51 MW (507.9 kW DC)
Number of 250 watt panels needed	2,032
Annual Solar Insolation at Site	5.07 (kWh/m2/Day)
Acres needed for Array (8 acre per MW)	4.06

### Site overview

The Halifax Parcel is mostly rolling terrain with steep slopes and some agricultural fields. There is a pond on the north side of the property.

### Facilities within the Parcel

Halifax Correctional Unit #23

### Nearby State Entities

VDOT Sinai Area HQ, 1095 Farm Rd is within the corrections parcel boundary. The annual kWh for this VDOT facility is 27,239 kWh according to the Dominion COV list provided for this study.

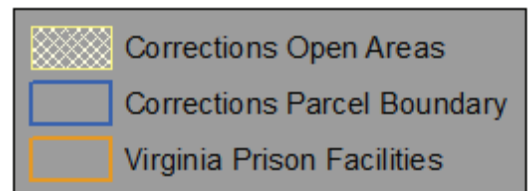
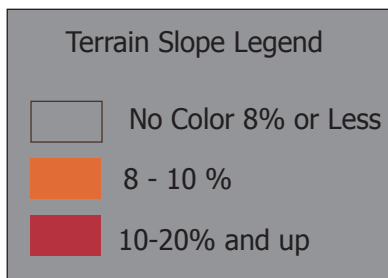


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1200 Farm Rd  
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Esri ArcGIS Screenshot



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Google Earth 3D Image



