

Clean Energy Development and Services (CEDS)



Property Information Sheet

Property or Site Name Red Onion State Prison Parcel
Address 10800 H Jack Rose Hwy
City State Zip Pound, VA 24279
County Wise County

Property Size Acres 188.04 acres
GPS Coordinates 37.111667, -82.549675
Number of sites in Parcel 1
Annual Energy Usage (Parcel) 6,154,750 kWh
Utility Provider ApCo



Google Earth 3D Image

Area for Potential PV Installation 8.1 acres

Table 1: Solar PV Potential for Property.

Solar Array needed to meet Annual Kwh Demand	4.88 MW (4877 kW DC)
Number of 250 watt panels needed	19,508
Annual Solar Insolation at Site	4.61 (kWh/m2/Day)
Acres needed for Array (8 acre per MW)	39 acres

Site overview

The Red Onion Parcel is mostly forested and in a remote area. The terrain is very sloped and may be difficult to develop.

Facilities within the Parcel

Red Onion State Prison

Nearby State Entities

None



Red Onion State Prison Parcel

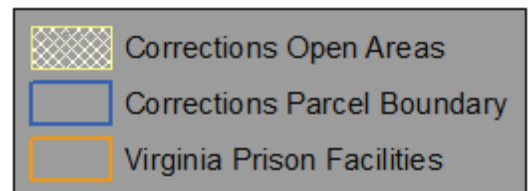
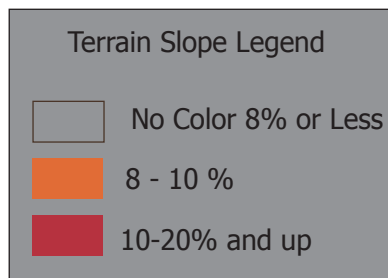
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Esri ArcGIS Screenshot



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Google Earth 3D Image



Google Maps Image

