

Clean Energy Development and Services (CEDs)



Property Information Sheet

Property or Site Name Rustburg Correctional Parcel
Address 479 Camp Nine Rd
City State Zip Rustburg, VA 24588
County Campbell County

Property Size Acres 97.26 acres
GPS Coordinates 37.267532, -79.068221
Number of sites in Parcel 1
Annual Energy Usage (Parcel) 706,080 kWh
Utility Provider ApCo



Google Earth 3D Image

Area for Potential PV Installation 31 acres

Table 1: Solar PV Potential for Property.

Solar Array needed to meet Annual Kwh Demand	0.51 MW (510.7 kW DC)
Number of 250 watt panels needed	2,043
Annual Solar Insolation at Site	5.05 (kWh/m2/Day)
Acres needed for Array (8 acre per MW)	4 acres

Site overview

The Rustburg parcel is located in very sloped terrain. There are areas of open area and a small pond on the site.

Facilities within the Parcel

Rustburg Correctional Unit #9

Nearby State Entities

VDOT Rustburg Area HQ, 408 Camp Nine Rd, is located adjacent to the north-west corner of the corrections parcel. The site demand is 23,686 kWh annually according to the Appalachian Commonwealth year end 06-2015 data sheet provided by DMME for this study.



Rustburg Correctional Parcel

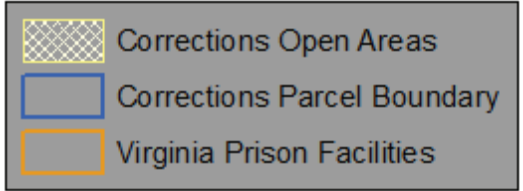
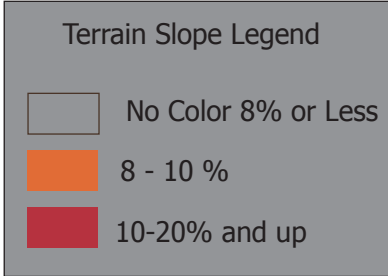
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Esri ArcGIS Screenshot



0 0.2 Miles



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