

Clean Energy Development and Services (CEDS)



Property Information Sheet

Property or Site Name Appalachian Correctional Parcel
Address 924 Clifton Farm Rd
City State Zip Honaker, VA 24260
County Russell County

Property Size Acres 80.4 acres
GPS Coordinates 36.998004, -81.929173
Number of sites in Parcel 1
Annual Energy Usage (Parcel) 732,348kWh
Utility Provider ApCo



Google Earth 3D Image

Area for Potential PV Installation 0 acres

Table 1: Solar PV Potential for Property.

| | |
|--|-----------------------|
| Solar Array needed to meet Annual Kwh Demand | 0.57 MW (571.6 kW DC) |
| Number of 250 watt panels needed | 2,287 |
| Annual Solar Insolation at Site | 4.68 (kWh/m2/Day) |
| Acres needed for Array (8 acre per MW) | 5 acres |

Site overview

The Appalachian Correctional Unit parcel is very sloped and rocky. Slopes are in excess of 10% on most of the property.

Facilities within the Parcel

Appalachian Correctional Unit #29.

Nearby State Entities

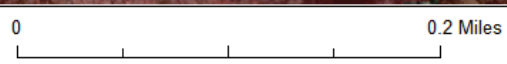
None



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Esri ArcGIS Screenshot



| Terrain Slope Legend | |
|----------------------|---------------------|
| | No Color 8% or Less |
| | 8 - 10 % |
| | 10-20% and up |

| | |
|--|-----------------------------|
| | Corrections Open Areas |
| | Corrections Parcel Boundary |
| | Virginia Prison Facilities |



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Google Earth Screenshot



