

# Clean Energy Development and Services (CEDS)



## Property Information Sheet

Property or Site Name River North Correctional Parcel  
Address 329 Dell Brook Rd  
City State Zip Independence, VA 24348  
County Grayson County

Property Size Acres 45.13 acres  
GPS Coordinates 36.616133, 81.126472  
Number of sites in Parcel 1  
Annual Energy Usage (Parcel) 5,514,768 kWh  
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	4.18 MW (4179.5 kW DC)
Number of 250 watt panels needed	16,718
Annual Solar Insolation at Site	4.82 (kWh/m2/Day)
Acres needed for Array (8 acre per MW)	33 acres

### Site overview

River North Correctional Center is surrounded by rolling terrain with slopes in excess of 8%. It might be possible to utilize some of the surrounding sloped terrain. The parcel is relatively small compared to other corrections facilities.

### Facilities within the Parcel

River North Correctional Center

### Nearby State Entities

None



# River North Correctional Parcel

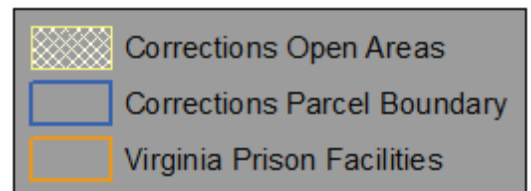
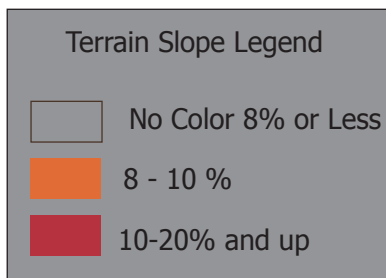
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Esri ArcGIS Screenshot



0 0.16 Miles





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Google Earth Screenshot





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Google Earth Screenshot

