

# Clean Energy Development and Services (CEDS)



## Property Information Sheet

Property or Site Name Pocahontas Prison Parcel  
Address 920 Old River Rd  
City State Zip Pocahontas, VA 24635  
County Tazewell County

Property Size Acres 189.16 acres  
GPS Coordinates 37.296916, -81.365502  
Number of sites in Parcel 1  
Annual Energy Usage (Parcel) 6,147,750 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	4.75 MW (4747.8 kW DC)
Number of 250 watt panels needed	18,922
Annual Solar Insolation at Site	4.73 (kWh/m2/Day)
Acres needed for Array (8 acre per MW)	38 acres

### Site overview

The Pocahontas Prison parcel is mostly forested. The open area on the site has slopes in excess of 10%, and facing a more northerly direction.

### Facilities within the Parcel

Pocahontas State Correctional Center

### Nearby State Entities

None



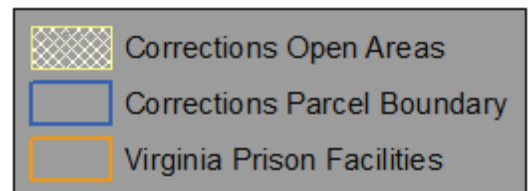
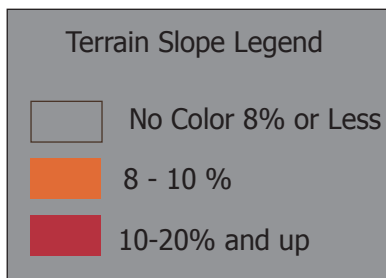
# Pocahontas Prison Parcel

920 Old River Rd

Pocahontas, VA 24635

Tazewell County

Esri ArcGIS Screenshot



# Pocahontas Prison Parcel

920 Old River Rd

Pocahontas, VA 24635

Tazewell County



## Esri ArcGIS Screenshot



The red shading above indicates south-facing terrain with the aspect between 100 and 260 degrees. Un-shaded areas do not face south.



# Pocahontas Prison Parcel

920 Old River Rd  
Pocahontas, VA 24635  
Tazewell County



Google Earth 3D Image



1997

Imagery Date: 9/16/2015 37°17'48.11" N 81°21'51.27" W elev 2546 ft eye alt 3868 ft

