

Clean Energy Development and Services (CEDS)



Property Information Sheet

Property or Site Name Wallens Ridge State Prison Parcel
Address 272 Dogwood Dr
City State Zip Big Stone, VA 23237
County Wise County

Property Size Acres 193.75 acres
GPS Coordinates 36.842087, -82.786596
Number of sites in Parcel 1
Annual Energy Usage (Parcel) Unknown at this time
Utility Provider Kentucky Utility



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	MW (kW DC)
Number of 250 watt panels needed	?
Annual Solar Insolation at Site	4.73 (kWh/m2/Day)
Acres needed for Array (8 acre per MW)	acres

KENTUCKY UTILITY DATA UNAVAILABLE AT THIS TIME

Site overview

The Wallens Ridge parcel is heavily forested with terrain sloping in excess of 10%. The prison appears to be sheltered by surrounding slopes.

Facilities within the Parcel

Wallens Ridge State Prison

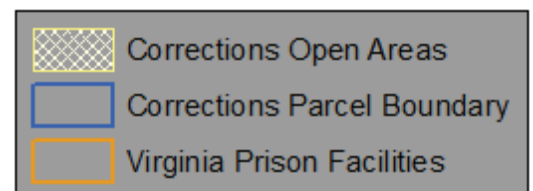
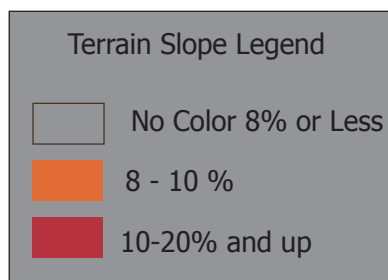
Nearby State Entities

None





0 0.3 Miles





The above snapshot shows the areas where the terrain faces south. Although some of these slopes are in excess of 10%, they could possibly be utilized for PV. A site visit will be necessary to assess potential areas that could be utilized.

Wallens Ridge Corrections Parcel

272 Dogwood Dr
Big Stone, VA 23237
Wise County



Google Earth Screenshot



The Wallens Ridge Prison appears to be surrounded by slopes which will negatively affect the amount of sun hours per day.

