

Clean Energy Development and Services (CEDS)



Property Information Sheet

Property or Site Name Botetourt Correctional Parcel
Address 201 State Dr.
City State Zip Troutville, VA 24175
County Botetourt County

Property Size Acres 97.9 acres
GPS Coordinates 37.424295, -79.845543
Number of sites in Parcel 1
Annual Energy Usage (Parcel) 19,320 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	0.01 MW (14.4 kW DC)
Number of 250 watt panels needed	384
Annual Solar Insolation at Site	4.9 (kWh/m2/Day)
Acres needed for Array (8 acre per MW)	less than 1

Site overview

The Botetourt Correctional Parcel is located on sloped terrain. There is very little open area that is under 8% slope. Some of the hillsides might be utilized ground mount PV.

Facilities within the Parcel

Botetourt Correctional Center

Nearby State Entities

VDOT Troutville Area HQ, 268 State Dr, is located within the corrections boundary. This VDOT site has an annual demand of 114,160 kWh. The VDOT site is mostly forested.

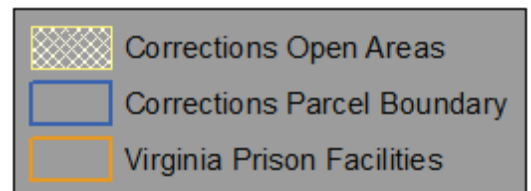
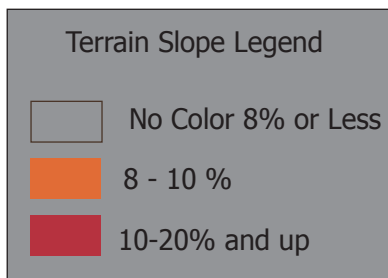
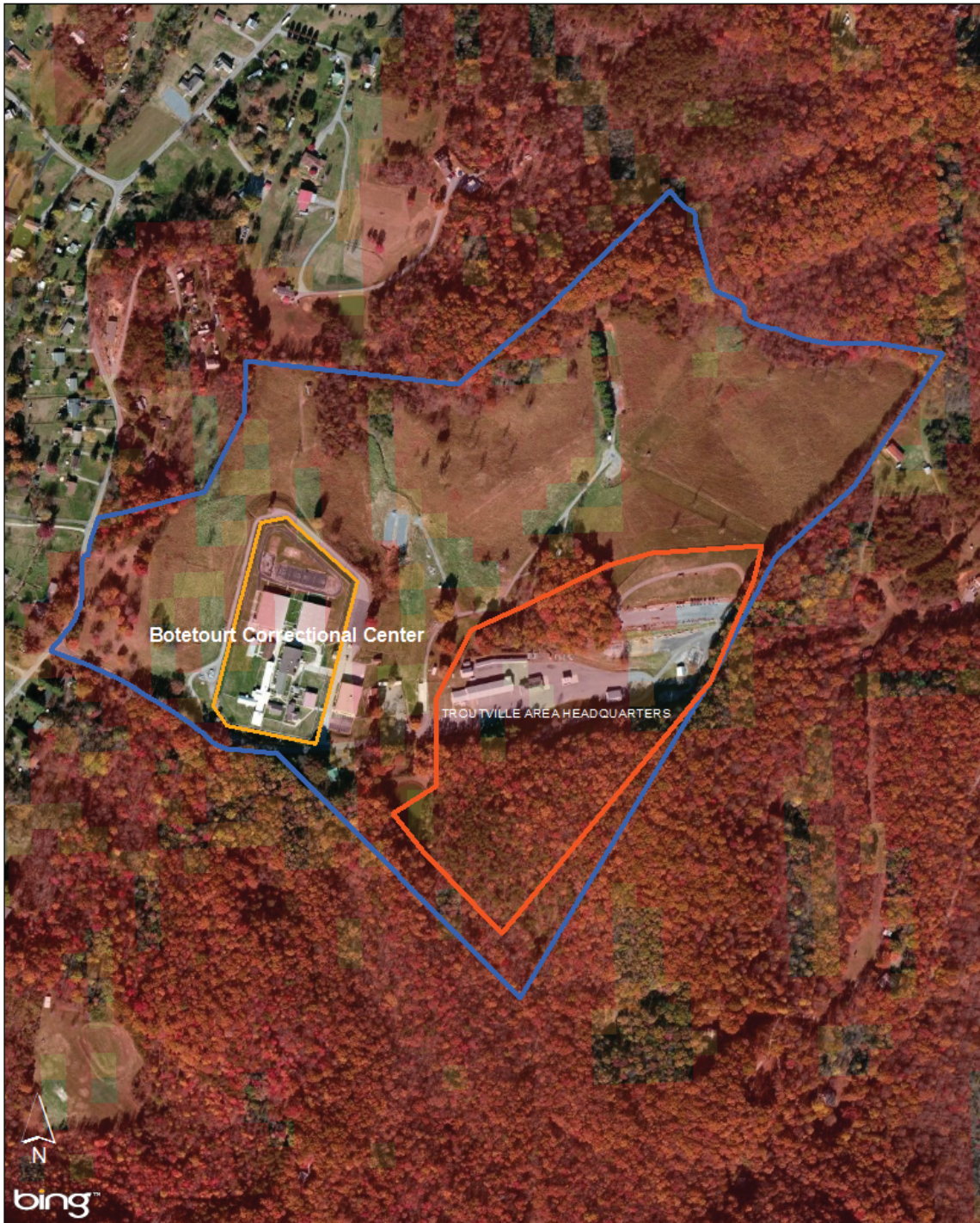


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Esri ArcGIS Screenshot



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