

Clean Energy Development and Services (CEDS)



Property Information Sheet

Property or Site Name **Beaumont Learning Center Parcel**
Address **3700 Beaumont Rd**
City State Zip **Beaumont, VA 23014**
County **Powhatan County**

Property Size Acres **128.74 acres**
GPS Coordinates **37.665834, -77.910413**
Number of sites in Parcel **2**
Annual Energy Usage (Parcel) **5,646,639 kWh**
Utility Provider **Dominion**



Google Earth 3D Image

Area for Potential PV Installation **17.2 acres**

Table 1: Solar PV Potential for Property.

Solar Array needed to meet Annual Kwh Demand	4.11 MW (4109 kW DC)
Number of 250 watt panels needed	6,086
Annual Solar Insolation at Site	5.02 (kWh/m2/Day)
Acres needed for Array (8 acre per MW)	32.8

Site overview

The Beaumont Learning Center parcel is mostly open but has some forest and sloped terrain. There is an area where slope exceeds 8%, but it might be possible to install some ground-mount PV there.

Facilities within the Parcel

Beaumont Juvenile Correction Center
James River Regional Juvenile Correctional Center

Nearby State Entities

None

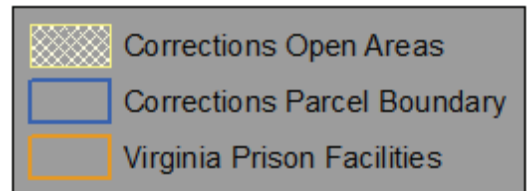
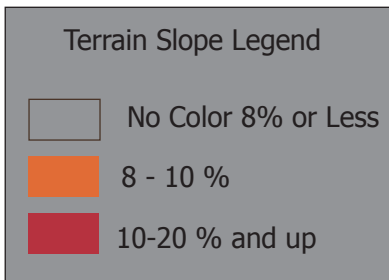


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Esri ArcGIS Screenshot



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Google Earth 3D Image



