

# Clean Energy Development and Services (CEDS)



## Property Information Sheet

Property or Site Name      Catawba Hospital  
Address                      5525 Catawba Hospital Dr  
City State Zip              Catawba, VA 24070  
County                        Roanoke County

Property Size Acres            649.34 acres  
GPS Coordinates              37.391441, -80.110971  
Number of sites in Parcel      1  
Annual Energy Usage (Parcel) 2,815,800  
Utility Provider                Dominion



Google Earth 3D Image

Area for Potential PV Installation 24.2 acres

Table 1: Solar PV Potential for Property.

Solar Array needed to meet Annual Kwh Demand	2.1 MW (2134 kW DC)
Number of 250 watt panels needed	8,536
Annual Solar Insolation at Site	4.82 (kWh/m2/Day)
Acres needed for Array      (8 acre per MW)	17 acres

### Site overview

The Catawba Hospital parcel is mostly forested with steep slopes. There are areas of open pasture that may be suitable for PV. There are also some south-facing slopes that could be utilized.

### Facilities within the Parcel

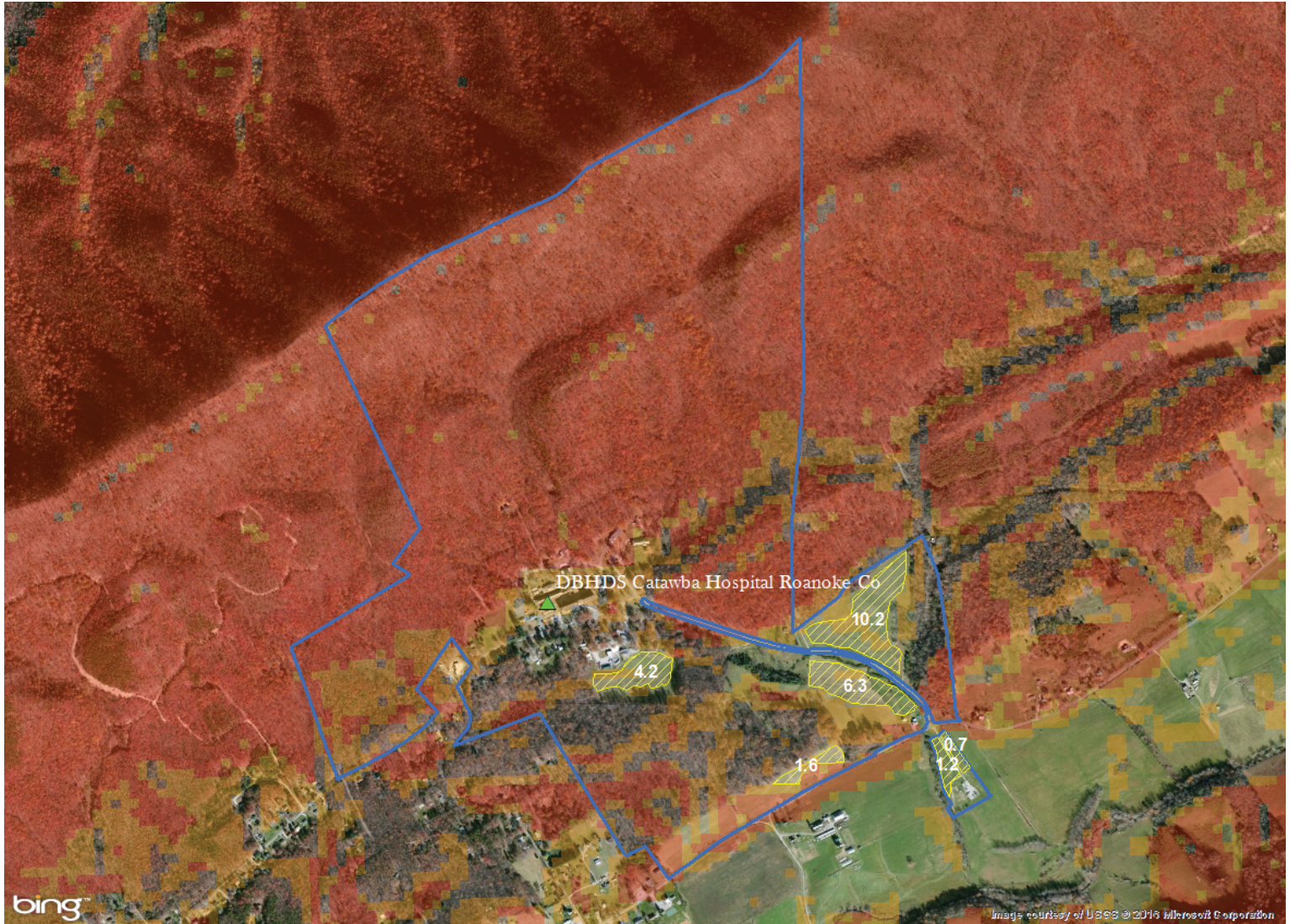
Catawba Hospital

### Nearby State Entities

None



Esri ArcGIS Screenshot



Terrain Slope Legend

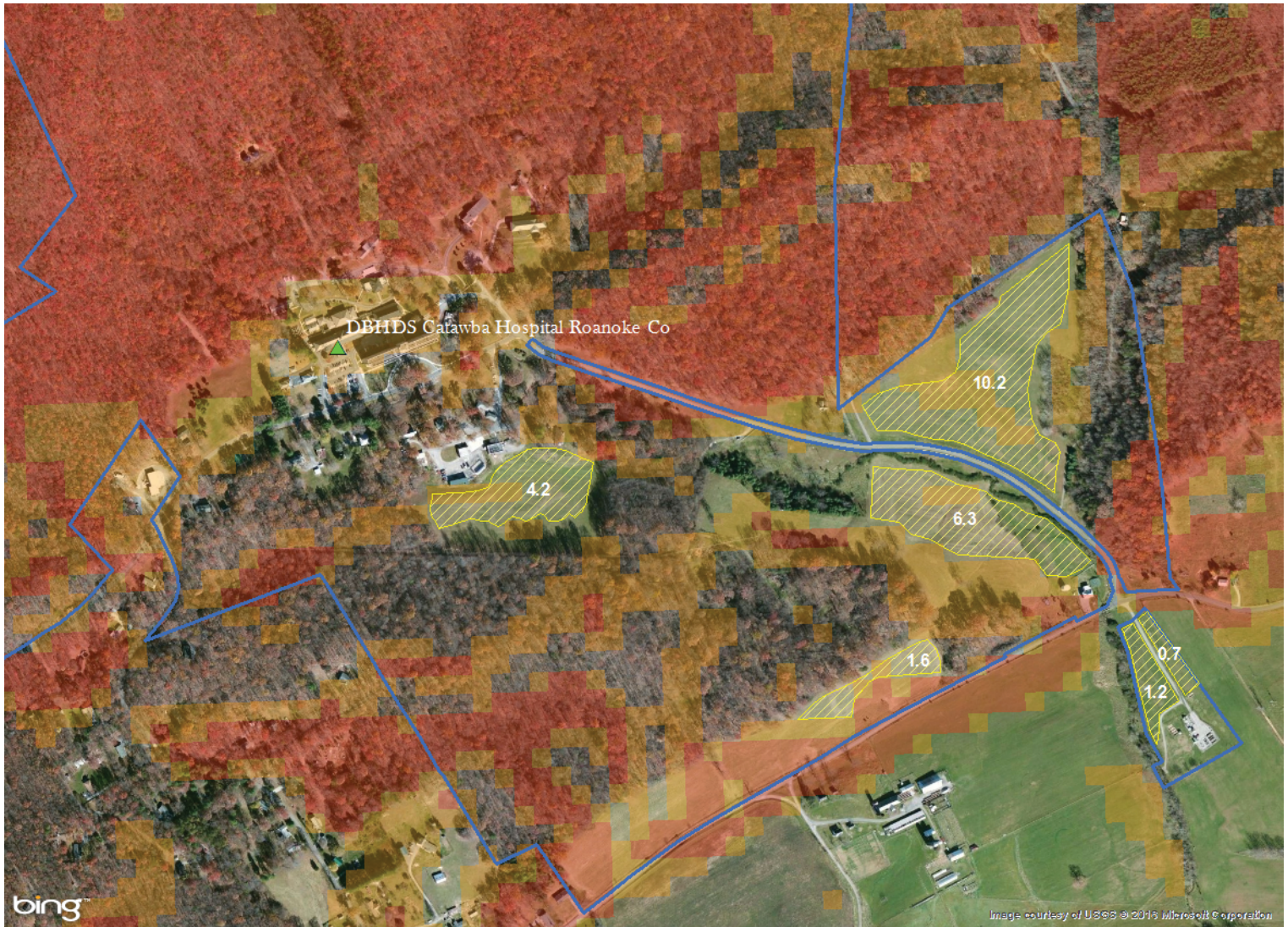
- No Color 8% or Less
- 8 - 10 %
- 10-20% and up

- Open Areas
- Parcel Boundary





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Google Earth Screenshot

