

# Clean Energy Development and Services (CEDS)



## Property Information Sheet

Property or Site Name: Central State Hospital  
 Address: 26317 West Washington St  
 City State Zip: Petersburg, VA 23803  
 County: Dinwiddie County



Google Earth 3D Image

Property Size Acres: 585.08 acres  
 GPS Coordinates: 37.209003, -77.451574  
 Number of sites in Parcel: 1  
 Annual Energy Usage (Parcel): 197,195  
 Utility Provider: Dominion

Area for Potential PV Installation: 21 acres

Table 1: Solar PV Potential for Property.

Solar Array needed to meet Annual Kwh Demand	0.1 MW (142.9 kW DC)
Number of 250 watt panels needed	572
Annual Solar Insolation at Site	5.04 (kWh/m2/Day)
Acres needed for Array (8 acre per MW)	1 acres

### Site overview

The Central State Hospital Parcel is comprised of many smaller parcels in Petersburg. This parcel is mostly forested but has several open grassy areas suitable for PV.

The above service address in the Dominion COV list is 197,195 annual kWh which seems low. When adding the Southside VA Training Center data in the COV list (Accomack St) the total demand for this parcel is 13,512,687 kWh. Annual data for this parcel will have to be confirmed. Calculations were done using the service address value only.

Address	City	State	Zip	F	135	365	61	59.0%	197,195	\$20,863
SOUTHSIDE VA TRNG CNTR	26317 W WASHINGTON ST	PETERSBURG, VA	23803	F	135	365	61	59.0%	197,195	\$20,863
SOUTHSIDE VA TRNG CNTR	ACCOMACK ST	PETERSBURG, VA	23803	F	135	365	2923	73.1%	13,315,492	\$902,771

Southside VA Training Center has same address according to an internet search. It is likely this parcel will have a greater annual demand once the facility information is confirmed.

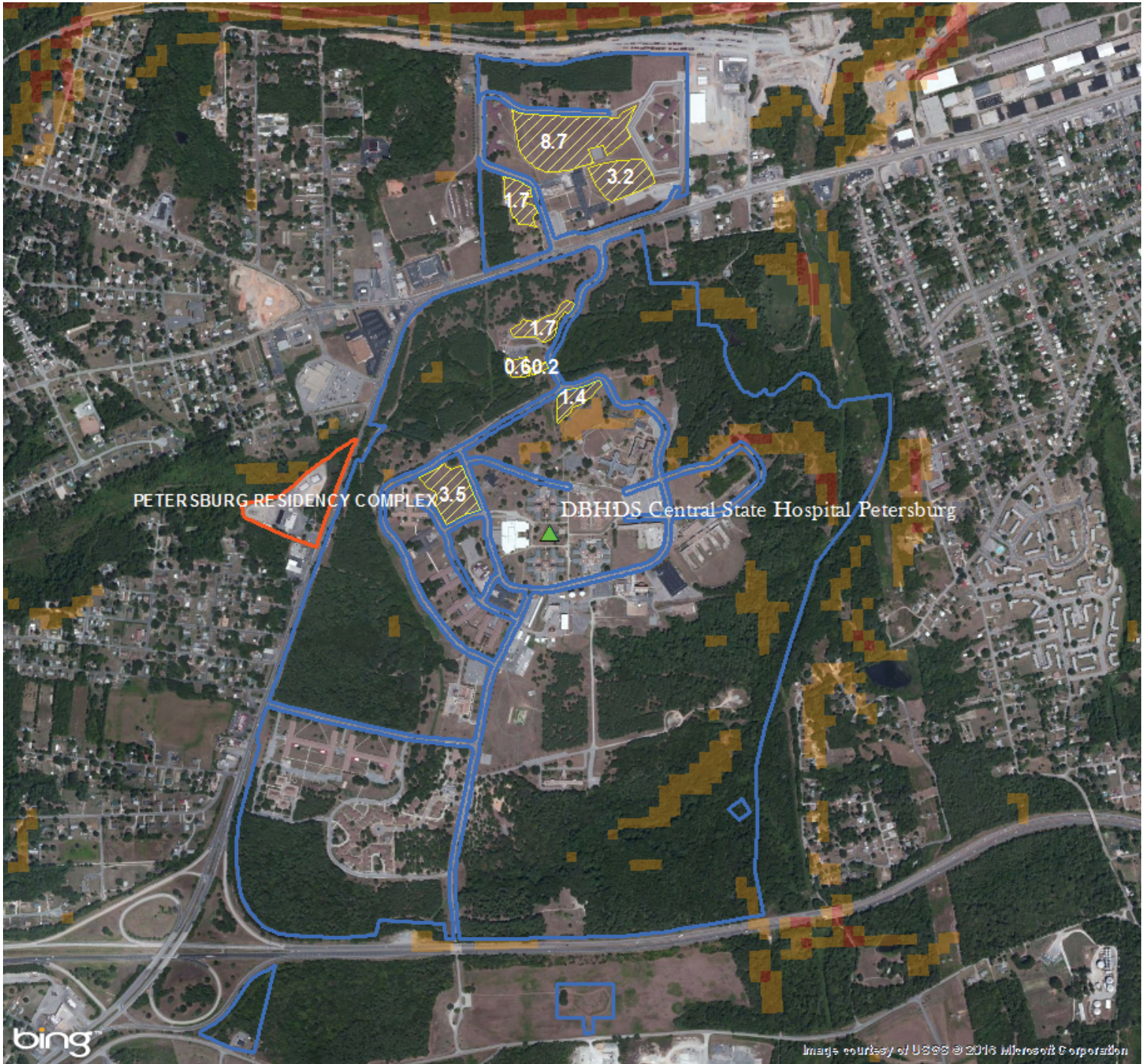
### Facilities within the Parcel

Central State Hospital

### Nearby State Entities

VDOT Petersburg Residency Complex is located on the other side of the interstate from this facility. The annual demand for this site is 136,392 kWh according to the Dominion data.





Terrain Slope Legend

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

- Open Areas
- Parcel Boundary
- VDOT Facility



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Google Earth Screenshot



