

# Clean Energy Development and Services (CEDS)



## Property Information Sheet

Property or Site Name Tidewater Community College VA Beach  
Address 1700 College Crescent  
City State Zip Virginia Beach, VA 23453  
County Virginia Beach City

Property Size Acres 187.03 acres  
GPS Coordinates 36.785090, -76.094041  
Number of sites in Parcel 1  
Annual Energy Usage (Parcel) 14,268,212 kWh  
Utility Provider Dominion



Google Maps Image

Area for Potential PV Installation 9.1 acres

Table 1: Solar PV Potential for Property.

Solar Array needed to meet Annual Kwh Demand	10.45 MW (10,445 kW DC)
Number of 250 watt panels needed	41,781
Annual Solar Insolation at Site	4.99 (kWh/m2/Day)
Acres needed for Array (8 acre per MW)	84 Acres

### Site overview

The Tidewater parcel in Virginia Beach is in an urban area and surrounded by what appears to be residential neighborhoods. The property is partially forested and has several open areas where PV could be placed. There are several large parking lots on the parcel.

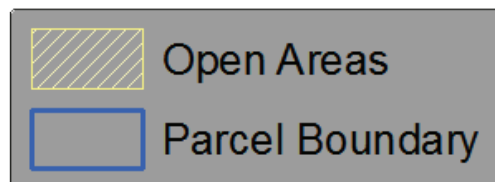
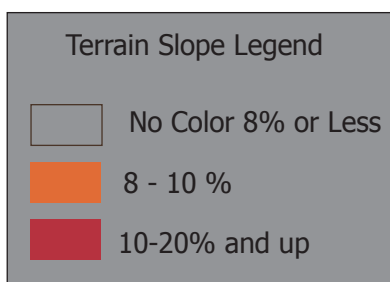
### Facilities within the Parcel

Tidewater Community College

### Nearby State Entities

None

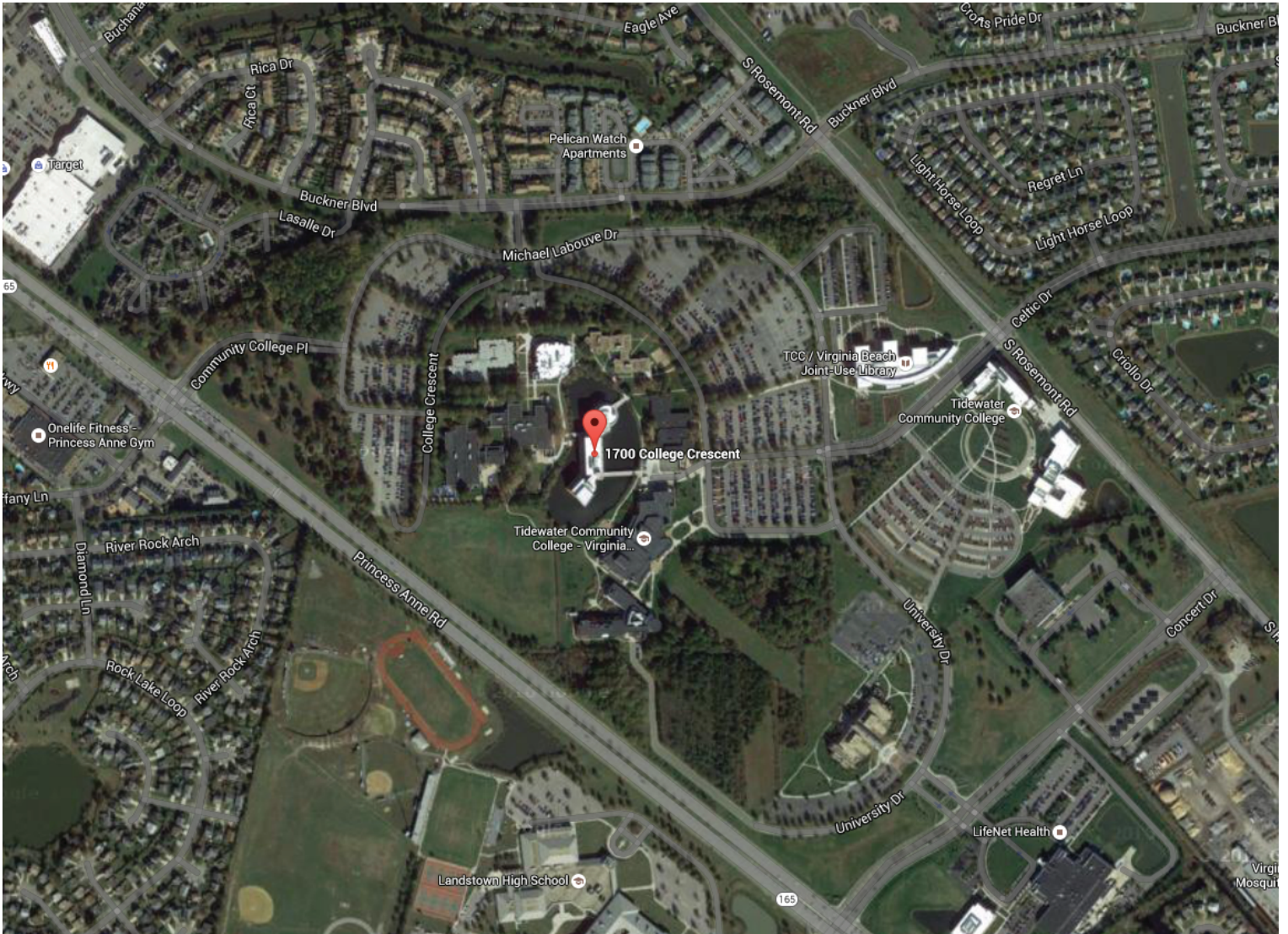




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**Terrain Slope Legend**

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

	Open Areas
	Parcel Boundary

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