

VDOT Solar Energy Development Project

Property Information Sheet



Property or Site Name Franklin Residency Complex
Address 23116 Meherrin Rd
City State Zip Courtland, VA 23837
County Southampton County

Property Size Acres 12.2 acres
GPS Coordinates 36.707773, -77.091938
Number of meters on site 1
Annual Energy Usage 270,720 kWh
Annual Demand Peak



Table 1: Solar PV Potential for Property.

Google Earth 3D Image

Solar Array needed to meet Annual Kwh Demand	0.24 MW (240 kW DC)
Number of 250 watt panels needed	958
Raw sq footage of solar panels	19,160 sqft
Sq footage of spaced solar panels	54,560 sqft
Roof sq footage available	10,644 sqft
Open area sq footage available	197,604 sqft

Site overview

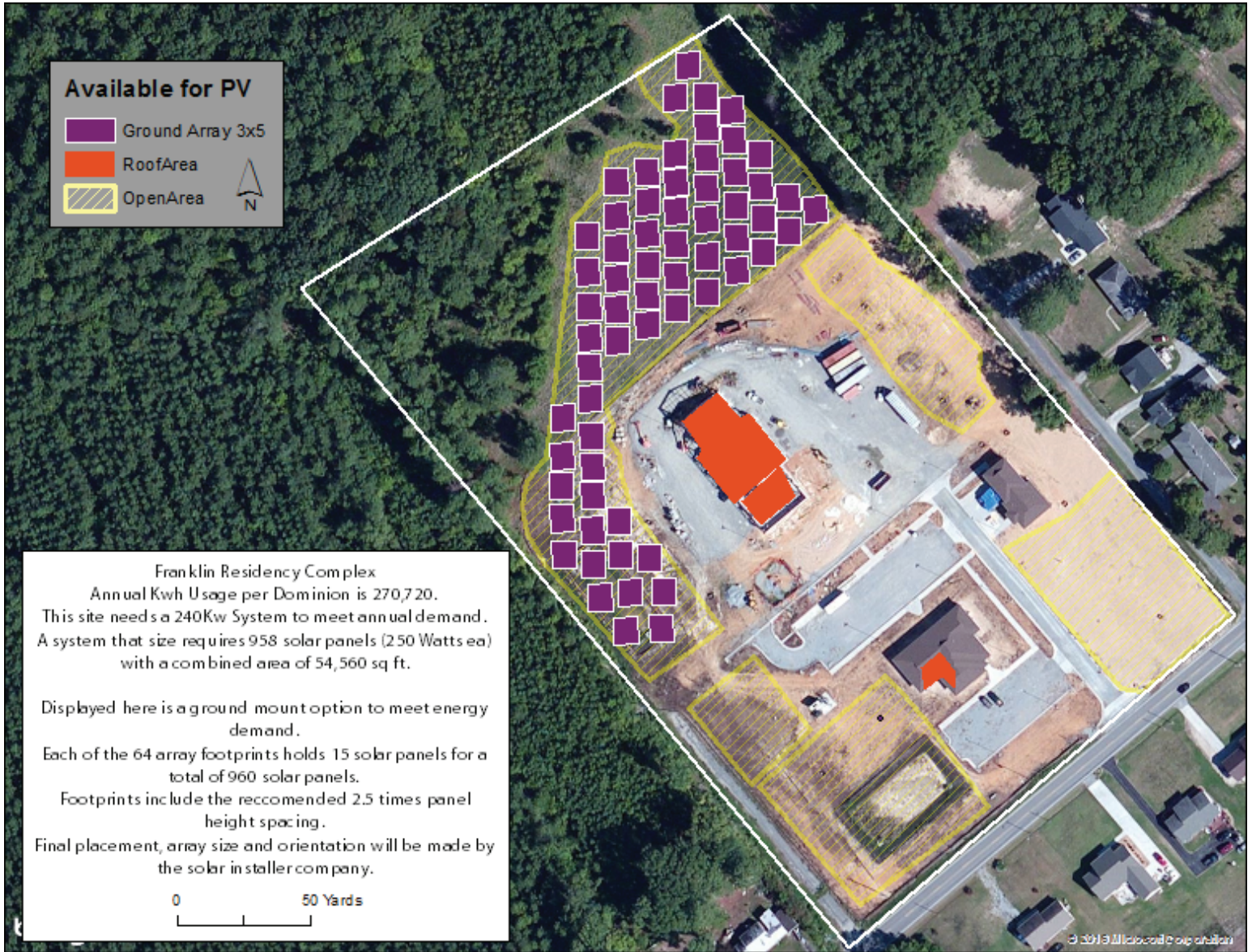
The Franklin Residency Complex in the Hampton Roads VDOT district has approximately 4.5 acres of open grassy area where PV could be placed. The site has three buildings with approximate roof top area of 10,644 square feet that could accommodate some solar panels.

This site appears to have been completed very recently and roof top condition should be excellent.

Nearby State Entities

None

There does not appear to be any other state entities in the immediate area.



Esri ArcGIS Screenshot

Esri basemap imagery is not as up to date as Google Earth

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