

Clean Energy Development and Services (CEDS)



Property Information Sheet

Property or Site Name New Kent Forestry Center DOF
Address Rt 2 Box 42-A
City State Zip Providence Forge, VA 23140
County New Kent County

Property Size Acres 427.69 acres
GPS Coordinates 37.427244, -76.994876
Number of sites in Parcel 2
Annual Energy Usage (Parcel) 122,635 kWh
Utility Provider Dominion

Area for Potential PV Installation 19.62 acres



Google Maps Image

Table 1: Solar PV Potential for Property.

Solar Array needed to meet Annual Kwh Demand	0.09 MW (89.78 kW DC)
Number of 250 watt panels needed	359
Annual Solar Insolation at Site	4.99 (kWh/m2/Day)
Acres needed for Array (8 acre per MW)	0.72 Acres

Site overview

The New Kent Forestry Center parcel consists of forest, agricultural plots and wetlands. There are flat, open areas close to the buildings.

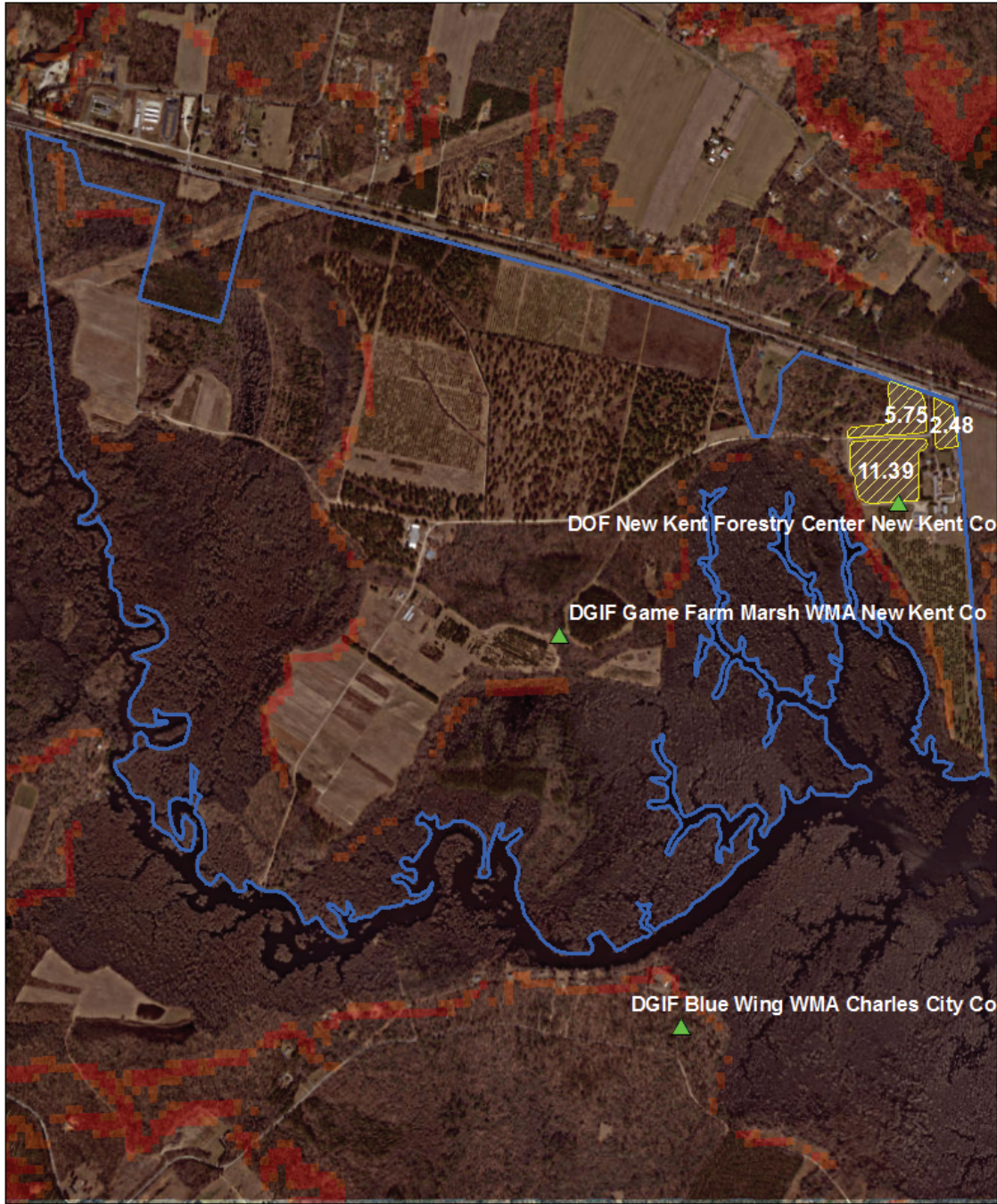
Facilities within the Parcel

DOF New Kent Forestry Center
DGIF Game Farm Marsh WMA

Nearby State Entities

DGIF Blue Wing WMA is just south of the parcel





Center for Wind Energy at JMU



Terrain Slope Legend

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

- Open Areas
- Parcel Boundary






Esri ArcGIS Screenshot





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New Kent Forestry Center DOF

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Providence Forge, VA 23140

New Kent County



Google Maps Screenshot

