

Project Portfolio

Design-Build experience in Virginia, Maryland & District of Columbia

GreenBrilliance is uniquely positioned to service all aspects of project execution completely in house including technical consulting, engineering by OSHA & NABCEP certified engineers & an experienced installation crew.

Below are some of the notable projects we have delivered in the tri-state region –

- Milford, VA

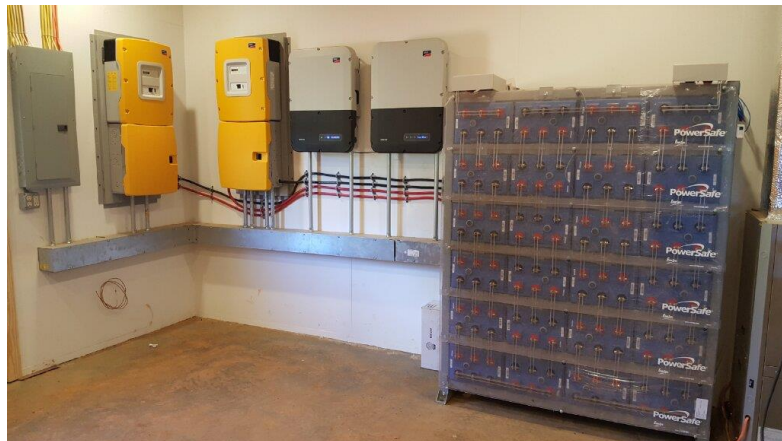


- One of the largest systems of its kind in the state of Virginia this system was installed on 19 poles on a farmland amounting to 55kW(below) along with a 33kw ground mounted system(above).
- The GreenBrilliance team faced unforeseen challenges while installing this system due to varying soil composition, land topography, and weather. The team had to think outside of the box and design solutions to overcome these challenges.
- The system went in smoothly and remains fully functional, since installation. The system is net metered and offsets almost 100% of the energy consumption of the farm.

- Airlie Foundation – Warrenton, VA



- The system consists of a ground mounted 16kW solar PV array with 2 grid tied SMA inverters and 2 SMA battery inverters. This system is a hybrid of solar PV, solar batteries and a back-up gas generator.



- Our NABCEP certified engineers keep a close eye on the state of charge of the batteries, electricity consumption patterns at site, battery charging and discharging among various other technical aspects under our team's radar.

- Arundel Community Police Station & Police Training Academy



- The picture above is of a 37kW ballast-mounted PV system installed on the Anne Arundel county Eastern district police station.



- This picture is of a 38kW ballast-mounted PV system installed on the Police training academy located in Davidsonville, MD managed by the Anne Arundel county.

- Foundry Church – Washington, DC



- The 34-kW solar PV system for the church has been installed using a top of the line ballasted racking system making no penetrations to the flat roof of the church.



- The Engineering team at GreenBrilliance suggested installation of the newer technology based dual MPPT inverters to be used at the site which would increase the production efficiency of the system.

- Sunset Hills Vineyard – Purcellville, VA - 35 kW Rooftop System



- The Sunset hills vineyard is now the largest site of solar installation on record in Loudoun County, VA.
- Due to the state of the art installation, the vineyard has completely eliminated it's electrical bill. It is projected that the vineyard will break even within 6 to 7 years because of these savings.



- Nexus 'Net-Zero' Energy Homes – Washington, DC – Rooftop PV System



- GreenBrilliance has installed a rooftop system sized at 45kW on the Nexus Energy Homes community.
- This energy efficient system leaves the home owners with a net zero energy bill & a carbon free home.



- Roswell, New Mexico – 300kW Ground Mount System



- This extensive and architecturally complex install required a forward-thinking design solution, using ground-mounted PV arrays.



- Columba Church – Washington, DC – 40kW Rooftop System



- The aging electrical infrastructure at this site provided some interesting challenges for the photovoltaic system.
- However, with the help of the Church's dedicated facilities team, the project was successfully completed.



- **Kenhill Center – Bowie, MD – 60 kW Ballast Mounted System**



- This solar rooftop system is installed on the Kenhill center where the city of Bowie has its offices.
- The system is completely ballasted and did not penetrate the rooftop's membrane, which was a strict requirement from the client.



- Ronald Reagan International Airport – Washington, DC – 40kW Ballasted System



- This system was designed, engineered, installed & commissioned by the GreenBrilliance team on the roof of the newly constructed terminal for Jet Blue Airways.
- The system is a magnificent display of engineering that utilizes top quality, high performance GreenBrilliance solar modules.



- International Projects – GreenBrilliance is leading provider of turnkey EPC solutions for residential, commercial, and utility scale (MW) size power plants worldwide.

Our vertical integration across the value-chain enables us to achieve operational efficiencies leading to cost and time savings for our customers and ensures delivery of superior products at an unmatched value.

