



NASA WALLOPS FLIGHT FACILITY

Wallops Island, VA

4-MW Ground-Mounted Solar PV Array

Hannah Solar Government Services (HSGS) was contracted by Ameresco, Inc. to design and install a solar photovoltaic (PV) array for the NASA Wallops Island Flight Facility in Virginia. The 4-MW (DC) ground-mounted system features LG solar modules which are supported by an ATI Duratrack structure and connected to ABB inverters. The array is a single-axis tracker that follows the movement of the sun from East to West, maximizing energy production and boosting energy cost savings.

This ground-mount is one of two arrays installed under this contract. The second is a 450-kW parking canopy using LG Module and SMA inverters. The two systems will provide naturally produced energy and offset utility costs at the NASA facility.

This project was funded by an Energy Savings Performance Contract (ESPC), which will reduce the cost of energy used to perform NASA's mission at the facility.



Project Specifications:

Customer: Ameresco Federal Group

Project Value: \$5.5M

Project Completion: December 2021

Role: Subcontractor – Designer and Installer

Equipment Specifications:

Modules: LG

Inverter: ABB

Structure: ATI Duratrack

ABOUT US: Hannah Solar Government Services (HSGS) is a Service-Disabled Veteran Owned Small Business (SDVOSB) leading the way in global energy security by designing and building renewable energy and microgrid systems. HSGS specializes in the design, engineering, construction, and maintenance of solar PV, energy storage, and microgrid systems. Serving government, commercial, industrial clients, HSGS' breadth of experience includes projects that span the continental United States as well as overseas.



Hannah Solar Government Services
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