



BOSCH REXROTH CORPORATION

Fountain Inn, SC

1.28 MW Ground-Mounted Solar PV Array

Hannah Solar Government Services (HSGS) was contracted by Bosch Rexroth Corporation to design and install a 1.28 MW ground-mounted solar photovoltaic (PV) array. This system features REC solar modules that are supported by an AP Alternatives structure and connected to Chint Power Systems inverters.

The solar array produced an estimated 1,930,322-kilowatt hours (kWh) of energy in the first year and will continue to help reduce the cost of electricity for the Bosch Rexroth facility.

Bosch Rexroth is a global engineering firm that supports mechanical and plant engineering efforts around the world. For 225 years, Bosch Rexroth has been engineering efficient, powerful, and safe movement solutions for factory automation, mobile, and machinery applications around the world.



Project Specifications:

Customer: Bosch Rexroth Co.

Project Value: \$1.6 M

Project Completion: November 2020

Role: Prime Contractor – Designer and Installer

Equipment Specifications:

Modules: REC Solar

Inverter: Chint Power Systems

Structure: AP Alternatives

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
A Service-Disabled Veteran Owned Small Business
Veterans Leading The Way In Global Energy Security
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Fountain Inn, SC

1.28 MW Ground-Mounted Solar PV Array

Hannah Solar Government Services (HSGS) was contracted by Bosch Rexroth Corporation to perform maintenance on a solar photovoltaic (PV) array in Fountain Inn, SC. The 1.28-MW (DC) ground-mounted PV system features Rec Solar modules that are supported by an AP Alternative structure and connected to Chint inverters.

HSGS has a term of five years during which we will perform regular maintenance and preventative measures on Bosch Rexroth Corp's system. These services include:

- System equipment voltage tests
- Current and resistance tests
- Module cleaning
- Torque verification
- Visual inspections on inverters, combiners, sub-combiners, and solar modules
- Replace components as needed
- Written report of findings



Project Specifications:

Customer: Bosch Rexroth Corporation

Project Value: \$47 K

Award Date: March 2022

Role: Prime Contractor – Maintenance

Equipment Specifications:

Modules: Rec Solar

Inverter: Chint Power Systems

Structure: AP Alternative

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