



TOOELE ARMY DEPOT

Tooele, UT

1.8 MW Ground-Mount PV Array with Microgrid Controls

In 2021, Hannah Solar Government Services (HSGS) entered into a joint venture (JV) project with Ameresco, Inc., a renewable energy and energy efficiency company. Later that same year the JV, HSGS-Ameresco, was awarded a contract by the US Army Corps of Engineers (USACE) to design and install a solar photovoltaic array at the Tooele Army Depot (TEAD) in Utah.

A 1.8 MW ground-mount system was installed, featuring Hanwha modules that are connected to Solectria inverters and supported by a Solar FlexRack structure. This system will offset TEAD's energy consumption while allowing excess generated power to be sent to the local electrical grid. Our expert team integrated the new clean energy system with an existing 2 MW/1 MWh battery energy storage system (BESS), creating a microgrid that will allow TEAD to operate separate from the utility grid if necessary.



Project Specifications

Customer: USACE Sacramento District

Project Value: \$8 M

Project Completion: Upcoming

Role: Prime Contractor – Designer and Installer

Equipment Specifications:

Modules: Hanwha

Inverter: Solectria

Structure: Solar FlexRack

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.



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