

HANNAH SOLAR GOVERNMENT SERVICES



OVERVIEW:

OWNER/CUSTOMER: US Army Garrison
Kwajalein Atoll

PRIME CONTRACTOR: Johnson Controls
Federal Systems

DESIGNER/INSTALLER: Hannah Solar
Government Services

LOCATION: Meck Island, Kwajalein Atoll,
Republic of the Marshall Islands

SOLAR PV SYSTEM CAPACITY: 2.3 MW

BATTERY STORAGE CAPACITY: 3 MWh

CONTRACT VALUE: \$9 M

COMPLETION DATE: March 2020

EQUIPMENT SPECIFICATIONS:

- **MODULES:** LG NeON 2
- **INVERTER:** SMA Sunny Tripower STP
- **MOUNTING:** Sollega Fast Rack 510



About Hannah Solar Government Services:

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, and utility clients, HSGS's breadth of experience includes projects that span the continental United States as well as overseas.

ESPC Microgrid: 2.3 MW DC Solar PV System & 3 MWh Energy Storage System

**U.S. Army Garrison Kwajalein Atoll
Meck Island, Kwajalein Atoll, Marshall Islands**



PROJECT DESCRIPTION:

Hannah Solar Government Services (HSGS) was contracted by Johnson Controls to construct a microgrid system for the U.S. Army Garrison Kwajalein Atoll (USAG-KA) located on Meck Island, Kwajalein Atoll. The energy sources featured in this microgrid are a 2.3 Megawatt (MW) ballasted ground mounted solar PV system, consisting of more than 8,000 solar modules along with a 3MWh battery energy storage system. Meck Island, Kwajalein Atoll is part of the Republic of the Marshall Islands. Kwajalein Atoll is made up of approximately 97 islands, eleven of which are leased by the United States Government. Meck Island, being one of the eleven islands leased by the U.S. Government is operating as a U.S. Army installation that hosts the Ronald Reagan Ballistic Missile Defense Test Site (RTS) and other strategic military assets.

