

HANNAH SOLAR GOVERNMENT SERVICES



OVERVIEW:

DESIGNER: Hannah Solar Government Services

INSTALLER: Hannah Solar Government Services

CUSTOMER: Star Gospel Mission

TYPE OF CUSTOMER: Homeless Shelter

OWNER: Star Gospel Mission

LOCATION: Charleston, SC

SYSTEM CAPACITY: 17.3 kW DC

INSTALLATION TIME: 1 Week

COMMISSION DATE: July 2016

EQUIPMENT SPECIFICATIONS:

MODULES: Canadian Solar CS6K-270

INVERTER: Solectria PVI 6600TL

RACKING: PanelClaw Ballasted System



17.3 kW DC Solar PV System

Star Gospel Mission
Charleston, SC

“Without exaggerating, our utilization of the services of HSGS has been one of the best decisions this Mission has made in its 112 years of existence.”

-Star Gospel Mission Executive Director, Rev. William Christian, III



In 2016, the Palmetto Clean Energy Program (PaCE) provided limited grants for solar PV systems on men’s homeless shelters in the state of South Carolina. The HSGS team assisted Star Gospel Mission in applying for and being awarded a grant from PaCE to install the solar energy system. The solar PV system at Star Gospel Mission was designed and installed by the HSGS crew. Consisting of 64 solar panels and mounted to the roof using an ballasted racking structure, the system delivers 17.3 kW DC in power to the shelter. Star Gospel Mission expects to receive energy cost savings of approximately \$5,500 in year one and \$154,000 over the 40 year useful life of the system.



About Hannah Solar Government Services: Hannah Solar Government Services (HSGS) is a Service Disabled Veteran Owned Small Business specializing in the project development, design, installation, and maintenance of commercial and utility scale solar PV systems and electric vehicle charging stations for government, commercial, and utility clients. All solar PV systems are designed by an in-house engineering team and installed by NABCEP certified solar PV installers.