

## **Robins AFB 128 MWac Solar Project**

### **Project Overview**

- Georgia Power (GPC) built, owns, operates and maintains the 128 MWac /175 MWdc solar facility on approximately 650-acres of land located in Bibb County, GA.
- The Central Georgia Joint Development Authority (CGJDA) executed a long term land lease with GPC for use of the land.
- The project provided upgrades to the area electrical network resulting in greater area operating flexibility and reliability as well as enhanced resiliency to Robins AFB.
- All energy flows to the grid for GPC retail customers.
- Georgia Power selected Signal Energy as the Engineering, Procurement and Construction (EPC) contractor to design and build the project.

### **System Specifications**

- Fixed Tilt and Single Axis Tracker Systems
  - Fixed: 102 MW<sub>AC</sub>/145 MW<sub>DC</sub>
  - Single Axis Tracker: 26 MW<sub>AC</sub>/30 MW<sub>DC</sub>

### **Project Benefits**

- Promotes beneficial use of land in and near the Robins AFB encroachment zone
- Provides area electrical network improvements
- Enhances operational capacity, flexibility and regional energy reliability
- Provides greater operating flexibility
- Strengthens the energy resiliency at Robins AFB
- Provides additional fuel diversity for Georgians
- Represents a significant investment to support a Georgia military base
- Contributes significant tax revenues to the middle Georgia area

Achieved commercial operation on April 15, 2021