



SERVICES PROVIDED BY GCI

- Owner's Authorized Representative (OAR)
- Project Management (PM)

MAIN PROJECT ELEMENTS

- Expansion of existing generator building
- Removed/Reinstallation of generators
- Removal/Replacement of switchboards

ORLANDO INTERNATIONAL AIRPORT BP-439, Landside Emergency Power Generation Expansion

This Design/Bid/Build project expanded the existing generator building located at the west end of the Landside Terminal Building at the Orlando International Airport, to increase available standby power for life safety and essential services for both Terminals A and B. These services include emergency lighting, fire alarm systems, smoke doors and smoke exhaust systems, elevators, baggage handling systems and communication equipment.

Three (3), 2-megawatt standby generators replaced six (6) aged 800-kilowatt generators. Also, two (2), 4000-amp switchboards were replaced and manual transfer switches were added to allow for electrical maintenance of the occupied facility. The generator building expansion required the relocation and alteration of several underground utilities including potable water and sanitary sewer lines, sanitary force main lines and fire mains.

CONSTRUCTION COST: \$9,076,000
COMPLETION DATE: August 2016

