

# DATA POWER SOURCE

ELECTRICAL SOLUTIONS FOR BUSINESS CONTINUITY



ELECTRICAL



CONNECTIVITY



MISSION CRITICAL



ENGINEERING  
& DESIGN

## PROJECT PROFILE

### PRUITT ASSISTED LIVING FACILITY

### 500KW DIESEL GENERATOR & ELECTRICAL SERVICES CONSOLIDATION

**CUSTOMER:** UHS PRUITT  
ASSISTED LIVING FACILITY

**LOCATION:** MACON, GA

**DETAILS:** INSTALLATION OF A 500KW DIESEL  
STANDBY POWER GENERATOR  
UNIT & ELECTRICAL SERVICES  
CONSOLIDATION

**EQUIPMENT:** 500KW CATERPILLAR DIESEL  
POWERED STANDBY POWER  
GENERATOR UNIT, 2000A ASCO  
AUTOMATIC TRANSFER SWITCH &  
2,000A SQUARE D MAIN SERVICE  
SWITCHBOARD

**TIMEFRAME:** START TO FINISH 4 & ½ Mo.



This project involved the installation of a new 500KW CATERPILLAR Diesel Powered Standby Power Generator unit and associated 2,000A ASCO Automatic Transfer Switch. The facility had several existing overhead electrical services that were to be consolidated to a single high capacity electrical service feeding a new NEMA 3R Main Service Switchboard and 2,000A ATS. The project involved approximately 100' of underground electrical duct bank, a new steel & fiberglass reinforced concrete equipment pad, installation of new Main Service Switchboard apparatus, installation of a new Automatic Transfer Switch, Electrical Engineering and diesel fuel tank permitting through the State Fire Marshall. The consolidation of the electrical services required closed coordination with the owner to assure constant electrical power at the facility for patient care.

