

# Mobile Switch Center

Houston, TX  
Electrical & Mechanical Upgrade



## Project Summary

In order to maintain the power and cooling requirements for this expanding mobile telecommunications switch, the existing 750kW diesel generator was replaced with a new 1500kW generator/belly tank/enclosure. Additional CRU type cooling was installed. The larger, heavier generator required the installation of a new reinforced concrete pad. The building's exterior integrity was upgraded with a hurricane rated dock door. The facility's Building Automation System was expanded to allow the remote monitoring and control of the new generator and HVAC equipment.

## List of Installed Equipment

- (1) 1500kW Generator
- (6) 20 ton Liebert CRU
- (6) Liebert Condensing Units
- (1) Hurricane rated Roll-up Door
- (174) Building Automation Control Points



Removal of Existing Generator Pad



New Bus Extension



Completed Electrical Gear Installation



New Liebert CRU



Liebert Condensing Units



New 1500kW Generator with Enclosure