



MD ANDERSON CANCER CENTER

Houston, Texas

UNIVERSITY OF TEXAS
MD Anderson
Cancer Center

Owner

MD Anderson Cancer Center

Contract Type

Emergency Power/Generator

Contract Amount

\$1,250,000.00

General Contractor

Linbeck Group

Electrical Contractor

FSG Houston

EMERGENCY POWER/GENERATOR CASE STUDY

FSG Provides Professional Installation of Emergency Power Generators for New MD Anderson Hospital Campus

CHALLENGE

Hospitals require a backup power system that is integrated directly into the power infrastructure to ensure that critical systems stay online even if the lights go out. This fact was of primary importance to MD Anderson Cancer Center during the construction of a new west Houston campus location.

General contractor Linbeck turned to FSG's Houston branch to complete the sensitive and high-priority \$1,250,000.00 work scope for backup power installation at MD Anderson's new hospital location. For FSG, the project involved the installation of three (3) 500 kW emergency generator sets.

SOLUTION

Prior to the installation of the new emergency generators, FSG supervised the creation of the pad sites to the required specifications, with an underground conduit fed through the pads to align properly with the new generators. With the pads complete, FSG supervised the placement of the gensets onto the pads and began the process of installing all feed lines and connections between the generators, the parallel switchgear, and the associated load banks.

RESULT

FSG executed the work scope flawlessly, providing for the installation of the three new emergency power generators, along with all associated connections, testing, extensive commissioning, and final system hand-off to the customer.

