



## CONFIDENTIAL PETROCHEMICAL CLIENT

South Texas



### EMERGENCY POWER/GENERATOR CASE STUDY

FSG Provides Backup Power Installation Service for Major New Texas Gulf Coast Plastics Plant

#### CHALLENGE

As part of the design-build project wrapping up at a new 28-acre advanced ethylene cracker plant along the Texas Gulf Coast, General Contractor Harvey-Cleary needed an electrical contractor to provide installation, testing, and commissioning services for a new Cummins one-megawatt, Tier 4 stationary prime generator set that would provide emergency power for the facility. With all eyes on this very high-profile project, Harvey-Cleary turned to FSG's Corpus Christi branch.

#### SOLUTION

FSG's onsite Project Manager met with owner representatives and the GC to determine what special requirements might apply to the project. At the owner's insistence, a Lift Plan was required before moving and placing the new 25,000-pound generator set on its pad with a Liebherr 1090 crane. FSG coordinated with local contractor TNT Crane and Rigging to deliver the Lift Plan, which was reviewed and approved by the project owner and the GC.

Following the placement of the new generator set on its pad site, FSG began the process of installing all feed lines and connections between the generator, the 1,600-amp switchgear, and the associated load bank. All installation work was followed by a complete system commissioning that resulted in the final delivery of the genset to the project owner in perfect working order.

#### RESULT

FSG's Corpus Christi branch once again demonstrated that for high-visibility projects, there is no better choice for electrical contractors on the lower Texas Gulf Coast. Harvey-Cleary was pleased with the service provided by FSG, as was the project owner, who at the time of the installation project was trying to maintain an impressive safety record that had held up throughout the massive multi-year plant construction project.

#### Owner

Confidential Joint Venture  
Petrochemical Client

#### Contract Type

Emergency Power/Generator

#### General Contractor

D.E. Harvey

#### Electrical Contractor

FSG Corpus Christi

#### Architect

Gensler

