



# HCA MEDICAL CENTER ICU

## KINGWOOD, TEXAS

### ELECTRICAL CONSTRUCTION CASE STUDY

**Owner**

Hospital Corporation of America

**Contract Type**

Electrical Construction

**Contract Amount**

\$1,025,000.00

**General Contractor**

DPR Construction

**Electrical Contractor**

FSG Electric

**Engineering Firm**

WSP + CCRD

**Architect**

Gould Turner Group, P.C.

**Challenge**

Kingwood Medical Center is a 373-bed acute care facility that has provided quality care to the Lake Houston / Kingwood Area for over 25 years. Hospital Corporation of America (HCA) had plans to add two additional stories to the existing 3-story South Tower. HCA selected DPR Construction to serve as General Contractor for the hospital expansion project, and to complete the electrical construction work scope, DPR turned to FSG's Houston branch.

**Solution**

The expansion project called for a new 4th and 5th floor to be added to the present hospital. The fourth floor was shelled only, to allow for future expansion. The fifth floor was built out to include 36 ICU and IMCU patient rooms. To support the new ICU facilities, the Central Plant at the hospital was expanded to include a new chiller, cooling tower, boiler, medical air system, and medical vacuum system. FSG executed its work scope on schedule and to the satisfaction of DPR and the project owner. Importantly, all work on the expansion project was completed in a manner that merged seamlessly with ongoing operations at the hospital, allowing HCA to continue to provide uninterrupted service to its customers.

