



ST. FRANCIS MEDICAL CENTER SWITCHGEAR & CONTROL RETROFIT

St. Francis Medical Center needed to update its standby power equipment, and bring its two decade old Enercon switchgear & controls up to today's technology.

To accomplish this, Enercon retrofitted the hospitals existing microprocessor based equipment. This included Enercon's Evolution controls, featuring a user friendly operators interface with Touch Screen Controls and PLC based technology

Enercon's switchgear serves four diesel generators rated 1,000 KW each at 480 volts, 60 hertz. In the event of a power outage, the switchgear PLC automatically starts the generators and the hospitals critical loads are back up and running in about 10 seconds.

SPECIFICATIONS:

ENGINES:

- Four rated @ 1,000 kW
- Diesel fueled

GENERATORS:

- 480 volts
- 3 phase, 60 Hz
- 65 kA bus

SWITCHGEAR:

- NEMA 1 for indoor use
- Separate floorstanding feeder breaker (2 breakers, 2,000 amps each)

CONTROLS:

- Enercon Evolution Controls
- Four 10.5 x 12" Color Touchscreen
- Genset Control Module (GCM), Intelligent Gateway (UIG), with data link interconnections and an Operator Interface module (OIM) for display read-outs and control functions



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