

Parkland Hospital – Dallas, TX

Background

Parkland Health and Hospital is one of the largest hospital construction projects in the U.S. with a 2.5 million square foot campus that includes 862 single patient rooms. Construction was completed in August 2014 with patient care beginning in the spring of 2015.

Challenge

The campus' key design goals focused on creating a sustainable community resource with a low carbon footprint and high energy efficiencies while at the same time not losing sight of the importance of reliability. The critical backup power systems will be supporting both the new data center and imaging center.

Solution

To meet its requirements, Parkland chose to deploy **seven Active Power CleanSource® UPS systems** totaling 21 flywheels to ensure 100 percent uptime to its most mission critical operations. The integrated flywheel UPS is an ideal fit for healthcare applications where power quality incidents and micro outages can be frequent. Active Power UPS with ride through to generator capability easily complies with NFPA 110.

Result

Active Power's UPS incorporates all of Parkland's power protection requirements into a single solution – efficiency, reliability, green, and low total cost of ownership. The systems will also help enable the hospital in part to earn U.S. Green Building Council LEED Silver certification.

Active Power's UPS technology enables us to deploy a forward thinking power infrastructure design with a low carbon footprint and higher energy efficiencies versus traditional systems.

– Lou Saksen, SVP, Facilities Planning and Development



Parkland



CleanSource 600 kVA UPS (N+1) being installed