



**ASCO** Power  
Technologies™

## Case Study:

30,000 Patients Annually Rely on ASCO Backup  
Power at Parkview Regional Medical Center

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Life Is On

**Schneider**  
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## CASE SUMMARY

- Indiana and Ohio residents rely on Parkview Health for the region's most comprehensive medical services.
- To maintain patient well-being and sustain operations, the Parkview Health needed a highly reliable power control system and automatic transfer switches to provide critical backup power for its new regional medical center.
- ASCO provided critical power equipment supports the health system's commitment to deliver expanded services to the communities it serves.



## THE SITUATION

In the USA, Indiana and Ohio residents rely on Parkview Health for inpatient and outpatient care. To meet the region's expanding healthcare needs, Parkview Health opened a 300+ bed, one-million square foot medical center in Fort Wayne in 2012, at a cost of \$500+ million. When patients began using the newly constructed hospital, it met an important need for medical care in Northeast Indiana. A Level II trauma center, the hospital also operates centers for pain management, stroke treatment and care, as well as centers for orthopedics, women's and children's health, cancer and cardiovascular care, and more. The hospital serves more than 30,000 patients annually.

When patients require comprehensive state-of-the-art care, a reliable and continuous supply of electricity is essential for their well-being and satisfaction. To meet these demands, backup systems must power life-safety and critical loads when public power outages occur. In addition, Parkview Health needed backup power for its additional loads to avoid disrupting revenue-generating activities. To satisfy these requirements, Parkview Health sought power control systems and transfer switches that:

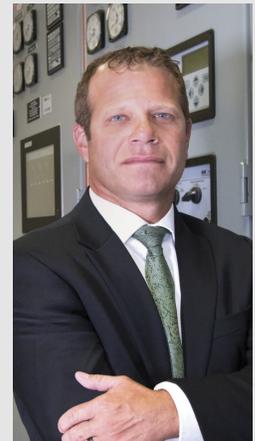
- use reliable proven designs
- streamline compliance with Joint Commission requirements
- offer comprehensive local service and support
- could expand to meet future power needs without disrupting operations

## THE SOLUTION

To ensure reliable power for patients and staff, Parkview Health selected critical power equipment from ASCO Power Technologies. The solution featured an ASCO Medium Voltage Generator Paralleling Power Control System that could accommodate up to five 2MW generators.

"To deliver excellent, high quality healthcare, our infrastructure is critical to our success. ASCO helps us be the best because they are always at their best. With nine hospitals on the line, ASCO helps me sleep at night."

Tom Minnich  
Corporate Director  
Facilities Engineering  
Parkview Health



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Parkview Regional Medical Center

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Initially this system included three 2MW generators, six power distribution sections, a redundant master control section, and a remote touch screen operator interface. This system parallels and controls the facility's 2MW generators and connects them to building loads through 32 ASCO 7000 Series 480V Bypass Isolation Automatic Transfer Switches.

By choosing this solution, Parkview Health obtained paralleling switchgear and automatic transfer switches that offered reliable and sophisticated source and load control while meeting Joint Commission requirements and streamlining compliance. The automatic transfer switches offer field-proven contactor-type switching mechanisms evolved from a century of ASCO design and manufacturing experience. Bypass Isolation features avoid taking transfer switches and their circuits offline for inspection, maintenance, repair, and testing... services that are provided whenever needed by ASCO's factory service team.

In 2018, increased demand led Parkview Health add a six-story, 168,000 square foot wing with 72 additional inpatient rooms. To serve the increased electrical load, Parkview Health expanded ASCO's Power Control System to manage an additional 2MW generator, as well as five new ASCO 7000 Series Closed Transition Bypass Isolation Automatic Transfer Switches. The upgrades were made without disrupting power to existing downstream loads. A total of 8MW generator capacity is available today with expandability to 10MW. Parkview expects to open the new tower in mid-2020.

## THE OUTCOME

With a reliable and expandable backup power system, patients can expect to receive comprehensive healthcare services from the 440-bed Parkview Regional Medical Center for years to come. When outages occur, the electrical infrastructure can support the entire facility load to ensure patient wellbeing without disrupting vital hospital operations. As needs change, the hospital can expand its backup power system to add additional generation capacity. Parkview Health is assured of receiving top quality support and onsite service from ASCO's renowned service team.





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