

Three Strikes and You're Out? How About One Strike and You're Out

Werner Electric Supply distributes quality electrical products and services in 13 locations in Wisconsin and North Dakota. With over 400 employees and double digit growth, operational efficiencies are at a peak.



In June 2016, Werner Electric moved from their Neenah, WI location of approximately 100,000 sq. ft. to a new building and location only a few miles away in Appleton, WI with over 260,000 sq. ft., 200,000 sq. ft. is warehouse. The Neenah facility was filled to capacity, driving Werner Electric to store products in other warehouses around their existing location.

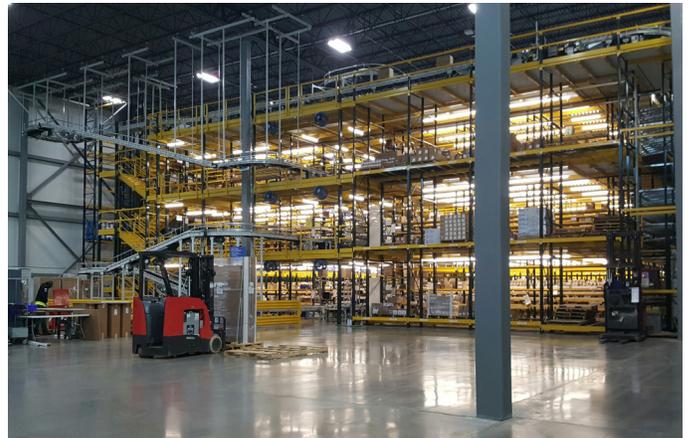
New Building Supports Growth & Experience

Werner Electric decided to design and build a new facility where they can create an efficient environment in order to quickly and effectively service their customers. Jeff Erickson, Senior Product Manager had

responsibility for the electrical power design and layout as he is the resident expert on distribution equipment, generators, switchgear and transformers. He also is responsible for the data communication and lighting teams. The company considered their options.

Backup power was an important part of the new building. Over at the Neenah location, the standby generator could only handle 50% of the warehouse. "We had to decide what areas of the warehouse were critical to supply backup power," said Jeff Erickson. The other areas had to be left unattended as well as the products stored in other locations.

Wolter Power Systems recommended a 1000 kW Generac Gemini generator. This solution contains two 500 kW generators paralleled in a single enclosure, thus providing inherent redundancy. Additionally the Generac PM-SC controller provides 3 levels of load control. The new paralleled system provides support for office



“ When it came to backup power, we went to our partner, Wolter Power Systems to size and recommend the best solution.

Jeff Erickson, Senior Product Manager

see next page

CASE STUDY



lighting, UPS backup systems and continuous power for the warehouse including the 4 sets of vertical conveyors.

Generator to the Rescue

There's always challenges with new constructions, and Werner Electric was not immune. Within the first week of installing the backup generator, the electricity went down twice in the first week. The utility company was working on a solution to provide more power to the facility. Over the course of the next 3-4 months, the Generac

generator had to step in and help out. Power would sometimes go down 2 to 3 times per night, from a few seconds to short of an hour.

Wolter Power Systems took the necessary steps to test the product and made sure there were no issues upon start up... and it was perfect. The Generac generator responded perfectly, never missing an outage, allowing Werner Electric to continue preparations in order to stay on task. The intelligence of the generator's automatic transfer switch allowed for a quick transition when power was back at full capacity.



Using & Marketing Our Solutions

In most cases, generators are situated in the back of the building, screened off for appearances. Since Werner Electric Supply distributes generators to its customers, they decided to display their own solution right in front of the building for everyone to see. There's nothing like practicing what you preach.



WISCONSIN LIFT TRUCK
ILLINOIS MATERIAL HANDLING
ELLIS SYSTEMS
FLEET SERVICES
WOLTER POWER SYSTEMS