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UNIVERSAL FABRIC STRUCTURES PROVIDES PROTECTION FOR PPL GENERATOR STATOR RE-WIND DURING WINTER MONTHS

PPL Inc. needed to re-wind an outdoor generator stator at the Brunner Island Power Plant in York Haven, Pennsylvania. They needed to keep the exposed internal components of the generator warm and dry. The gantry crane needed unobstructed access to efficiently remove the generator components. General Electric (GE) had faced a similar dilemma a few years earlier and recommended that PPL Corporation call Universal Fabric Structures (UFS).



UFS was able to come up with a custom solution that met all of PPL's scope of work. A 92' wide x 64' long, fully customized TFS structure was rented by PPL and designed with a removable bay which allowed the generator to be quickly removed by the overhead crane. The crane

was used to lift the removable bay and put it back in place to cover the generator at the end of the day. Since PPL only needed the building for 3 months, UFS was able to offer a rental financing option at a much lower cost. The gables were canted to allow clearance of the gantry crane leg.



Labor was provided by Universal Fabric Structures and supplemented with labor from PPL, included lifting the portions of the pre-engineered structure with a crane and then mounting onto a raised concrete deck platform. Paul Frazza, Generation Services Engineer for PPL Corporation was impressed with the overall performance of the structure, "Overall, UFS presented us with a creative approach to accommodate our crane use within the building."

About PPL

Headquartered in Allentown, Pa., PPL controls or owns more than 12,000 megawatts of generating capacity in the United States, sells energy in key U.S. markets, and delivers electricity to customers in Pennsylvania, Connecticut, Illinois, Montana and the United Kingdom. PPL has adopted an integrated corporate strategy to generate and sell competitively priced energy in key U.S. markets and operate high-quality energy delivery businesses in selected regions around the world. We are accomplishing these objectives by expanding the reach of the basic approach that has made us one of most successful electric companies in the United States — a focus on excellence in operations, financial discipline and outstanding customer relationships.

www.pplweb.com

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We've Got You Covered



About Universal Fabric Structures

Universal Fabric Structures, an ISO 9000:2001 certified company, is committed to providing high quality, cost effective, engineered fabric structure systems based on customer-driven needs. Established in 1983, the company has delivered on this commitment providing solutions for military, sport, industrial, and commercial and event applications. Projects include rapid-deploy, relocatable military structures, SPORTHALL® facilities for various sports & recreation applications, industrial enclosures (including rentals) for warehousing, aviation and environmental remediation, and commercial structures for correctional, worship, events and gaming applications.

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