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## **High-Profile Coal Plant Project Earns Greenberry Industrial Top Northwest Construction Award**

PORTLAND, Ore. – For the second consecutive year, Greenberry Industrial has earned one of the region’s highest construction honors.

The Northwest Construction Consumer Council (NWCCC), at its annual conference on Oct. 30, recognized Greenberry Industrial with a 2008 Distinguished Project Award for the company’s work at the TransAlta power plant in Centralia, Wash. The accolades were received in the Private Projects Under \$10 Million category, and follow on the heels of Greenberry’s 2007 NWCCC award for transforming the Port of Everett into a leading cement facility.



*Greenberry Industrial designed and built a new coal unloading system at the TransAlta power plant in Centralia, Wash., that improved efficiency 300 percent.*

“Winning a Distinguished Project Award two years in a row is a great honor and shows what our company is capable of achieving,” said Greenberry Industrial Vice President of Business Development Jim Wright.

“TransAlta is a high-profile power generation station in the state of Washington and we were able to design and construct a coal system solution there that greatly improved efficiency. We are thrilled to win this prestigious award and again demonstrate our capabilities to the northwest construction community.”

### ***Innovation and efficiency***

The TransAlta project caught the attention of the NWCCC judges because of its high profile, innovative solutions and tight construction schedule during the difficult winter months.

Located midway between Portland and Seattle, TransAlta is the largest coal fired power plant west of the Mississippi River and currently supplies 10 percent of Washington’s power requirements. In mid-2007, the company was looking to replace an outdated coal unloading system that inefficiently required rail cars to stop for a period of time while coal was removed and placed on a conveyer. Greenberry and its team of partners were brought in to design and fabricate a new, high-performance process that would increase productivity, save energy costs and bring the facility into the 21st century.

A streamlined design process yielded an innovative new system that allows TransAlta to unload coal while the rail cars are still moving. This method greatly reduces the time it takes to process the coal, lowers rail car costs, improves efficiency by 300 percent and is on pace to provide a 100 percent return on TransAlta's investment in just five months.

### ***Tight five-month schedule***

Work at TransAlta began in September 2007 with a targeted completion date of January 2008. To meet this tight deadline, Greenberry laid out a construction schedule that included a two-month period where crews were on site 24 hours a day, seven days a week, and worked through a harsh winter season that saw unusual flooding, snow and icy conditions.

"This project was the largest at the TransAlta site in the past 25 years and required a great deal of planning," said Wright. "We also had to work around the operation of the plant and all the activities that go into making a coal facility run. It was a great challenge that we accomplished."

The project was completed on time with a price tag of \$9.9 million – 10 percent under the original \$11.1 million budget.

### ***Stressing safety***

Known for its commitment to safety, Greenberry Industrial impressed the NWCCC judges with its safety methods employed during the TransAlta project. The company implemented a variety of techniques to ensure a safe working environment, such as drug testing 100 percent of the work force, staffing a full-time safety foreman along with a part-time safety manager, daily safety meetings and daily stretching exercises for the project team.

In the end, the company completed the TransAlta project in just more than 81,000 total project hours without a single lost workday due to injury or a recordable injury.

"Safety is always our top priority," said Wright. "Sometimes people can forget about safety, especially when it comes to tight deadlines. This project also faced some serious weather conditions that could have led to incidents, but our team did a great job with keeping safety on the minds of everyone on the site. Without any lost injury days, the effort paid off."

According to NWCCC Executive Director Greg Toy, in order to capture an award the TransAlta project had to score high on the judges' criteria of safety, budget, schedule and challenges.

"Safety is the number one factor that judges consider, so zero lost days due to injury is an impressive accomplishment that is weighed heavily," said Toy. "Greenberry also came in under budget and on time at TransAlta, which are other key factors. The company is to be congratulated on its work."

### **About Greenberry Industrial**

Greenberry Industrial is a full service industrial general contractor serving clients in the Pacific Northwest. The company manages and provides all structural, civil and mechanical disciplines in industrial construction including boiler making, civil and concrete, heavy rigging, millwright and equipment setting, pipe spooling and steel erection. Greenberry has offices in Corvallis, Ore.,

Burlington, Wash., and on Kruse Way in Portland. More information on the company can be found at [www.greenberry.com](http://www.greenberry.com).

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