

PROJECT CASE STUDY

BP WHITING ALKY/PCU BUILDING

BP made a \$3.8 billion investment to upgrade and modernize their Whiting Refinery in northwest Indiana. The project benefits US energy security and fuel supply reliability for the Midwest US and sustains the refinery's positive contribution to the economy of the Midwest US, including jobs for thousands of BP employees and contractors in northwest Indiana. The project enables the facility to increase motor fuels production by about 1.7 million gallons each day, and to refine more oil from Canada, tapping into growing oil production in the Alberta province. An important aspect of the project is to design and integrate improvements that protect the environment. More than \$1.4 billion of the \$3.8 billion refinery modernization program is allocated for environmental improvements.

As part of the project, BP required a control center to protect and maintain important electrical systems feeding the polycarbonate-urethane/alkylation (ALKY/PCU) processes. Through a close partnership with Rockwell Automation, Lectrus provided a two-story building

Lectrus provided a watertight, fully integrated 30 ft x 50 ft electrical equipment center for the project. Working with ABB, we created a custom-engineered solution designed to protect expensive switchgear, motor controls, transformers and other electrical controls and switches. Some of the many advantages of a robust, engineered Lectrus electrical equipment center over conventional site-built structures include:

- Saves money.
- Saves time and hassle
- Provides design flexibility.
- Meets specifications.
- Guarantees quality craftsmanship.
- Assures long-term performance.

For more information about our company, products and services, or to request a proposal for your next project, please visit lectrus.com or send an e-mail to sales@lectrus.com.



PROJECT PROFILE

// PROJECT //

BP Whiting ALKY/PCU Building

// LOCATION //

Whiting, IN

// MARKET SEGMENT //

Oil & Gas

// EQUIPMENT PROTECTED //

Low and medium voltage switchgear and motor control centers

// PRODUCT //

Equipment Center

// ENCLOSURE SIZE //

28 ft x 60 ft (Two-Story)

// DATE COMMISSIONED //

August 2007

// CUSTOMER //

Rockwell Automation

// ENGINEER //

Cornerstone Electrical Consultants

// OWNER //

BP

lectrus

ENGINEERED TO SPEC. BUILT TO LAST.

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