

Flint Hills Resources owns and operates two chemical facilities in Illinois: a chemical intermediates plant near Joliet, about 45 miles southwest of Chicago, and a polymers plant in Peru. The plant near Joliet is a leading producer of chemical intermediates, including purified isophthalic acid, maleic anhydride and trimellitic anhydride. The plant in Peru produces expandable polystyrene.

### **Background**

Flint Hills Resources, LLC, through its subsidiaries, is a leading refining and chemicals company. It markets products such as gasoline, diesel, jet fuel, olefins, polymers and intermediate chemicals as well as base oils and asphalt. The company, based in Wichita, Kan., has expanded its operations through capital projects and acquisitions worth more than \$4.6 billion since 2002. With about 3,500 employees, Flint Hills Resources strives to create value for customers and society.

Flint Hills Resources refineries in Alaska, Minnesota and Texas produce a wide range of fuels that are transported through proprietary and common carrier pipeline systems, stored in a vast system of strategically located terminals, and marketed to wholesalers and retailers throughout the United States. The company's chemical business includes production facilities in Illinois, Michigan and Texas. These plants produce aromatics, olefins, polymers and intermediate chemicals. The company also owns an interest in a base lube oil facility in Louisiana.

### **Safety and Environmental Commitment**

Flint Hills Resources is committed to operating a safe and environmentally sound business that provides high-quality products and services while contributing to the Illinois economy.

- Flint Hills Resources facilities in Illinois have earned numerous safety awards from the National Petrochemical & Refiners Association including the Meritorious Safety Performance and Gold awards.
- The Peru site has achieved STAR status in the U.S. Occupational Safety & Health Administration's Voluntary Protection Programs.
- The company's shipping practices have been recognized with the 2007 Chemical Safety Excellence Award from CSX Transportation and the Thoroughbred Chemical Safety Award from Norfolk Southern Corporation for 2006.
- Since acquiring the Joliet facility in 2004, improvements to emissions control equipment and procedures have resulted in a fifty percent reduction in volatile organic emissions and carbon monoxide emissions. The VOM reduction alone is the environmental equivalent of removing approximately 17,000 cars from the road.
- The plant near Joliet earned a certificate of merit from the U.S. Environmental Protection Agency Region 5 and Chicago Wilderness as part of the 2006 Conservation and Native Landscaping Awards program. The program recognizes outstanding efforts by park districts, local governments and corporations to use native plants and implement conservation measures. The plant has also earned Wildlife Habitat Council certification for wildlife management on its property.
- The company's success at reducing flaring earned a Clean Air Award from the U.S. Environmental Protection Agency in 2004, and it continues its efforts to reduce emissions at its plants, especially during periods of startup, shutdown and malfunction. The company completed a four-year collaborative effort with the U.S. Environmental Protection Agency to develop and share best practices aimed at reducing emissions during these periods.

### **Community Commitment**

Flint Hills Resources is committed to understanding the needs of the community, and participates in projects and activities that add value to its neighbors, and improve the quality of life.

### **Environmental Education**

The facility near Joliet hosts hands-on educational programs for more than 600 students from local schools each year. Staff members work closely with teachers to develop programs that teach a fundamental understanding of nature and the value of wildlife habitats. It has also been certified as a Wildlife Habitat Council Corporate Lands for Learning™ site for fostering environmental education initiatives in local communities.

The plant in Peru, along with neighboring businesses, supports “You Be the Chemist Challenge,” a program that promotes the science of chemistry.

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