

WHITING REFINERY

Facility Fact Sheet



The photo above is a visual representation of what Whiting Refinery will look like after the modernization project has been completed. The coloured sections highlight parts of the refinery that are being built or updated.

BP Whiting Refinery is located on the southwestern shore of Lake Michigan and the Indiana Harbor Ship Canal in the communities of Whiting, East Chicago and Hammond, Indiana. It started operations in 1889 and is currently the 5th largest refinery in the USA. The refinery processes up to 405,000 barrels of raw crude oil each day and up to 15 million gallons of refined products. It was one of the first refineries to refine low sulphur gas and ultra low sulphur diesel. The refinery produces about 8% of all asphalt in the U.S. It receives raw crude oil via pipeline from Canada, Gulf of Mexico and West Texas. It ships refined product through pipeline to the entire Midwest. Whiting Refinery is committed to meeting all of the environmental regulations and rules that governments have put in place to protect our shared natural environment. From 2001 through 2008, the refinery reduced regulated air emissions 72%. As part of the modernization project, the refinery is removing older, less efficient equipment, and installing emission controls on upgraded and other units, which will help it reduce regulated emissions another 7% by 2012.

FACILITY INFORMATION

Facts & Figures

Size: 1400 acres (approx.)

No. of BP Employees: 1800 (approx.)

Group Interest: 100%

Crude Distillation Capacity:

- Total: 405,000 bpd
- BP Share: 405,000 bpd

Nelson Complexity Index: 9.5

Products and Production (approximations)

Gasoline: 7.5 million gallons/day

Jet Fuel: 1.25 million gallons/day

Ultra Low Sulphur Diesel Fuel: 3 million gallons/day

Other (e.g. xylene, propylene, propane): 1.2 million gallons/day.

The Whiting Refinery Modernization Project (WRMP)

A multi-billion dollar investment in crude processing capability and operational reliability/efficiency. The modernization project will provide for greater energy security in the Midwest, as conventional supplies of the lighter crudes diminish, and are replaced by heavier crudes.

With this in mind, the project involves repositioning Whiting to be able to run heavier sour crude oil. It involves a new crude distillation unit, a 100kbd coker, world scale hydrotreating and sulphur recovery, and improvements in infrastructure. The aim is to increase the refinery's capability for gasoline and diesel production by about 15%, which is about 1.7 million gallons (or 40,000 barrels) of gasoline and diesel per day. The project is on track and due on-stream mid-2012.

Community

Whiting Refinery supports a number of community programs in Northwest Indiana. For current information on these programs, please visit:

http://www.bp.com/liveassets/bp_internet/globalbp/STAGING/global_assets/bp_us_assets/downloads/a/abp_refineries_giving_back_to_northwest_indiana.pdf

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For more information about Whiting Refinery please visit: www.bp.com/whitingrefinery