



## HEARTLAND OFFGAS PLANT

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Aux Sable Canada's Heartland Offgas Processing Plant (HOP) is located at NE 24-55-22 W4M, in the industrial area of the City of Fort Saskatchewan, Alberta. Aux Sable Canada commissioned HOP in September of 2011. The plant is a conventional cryogenic extraction plant complete with propane refrigeration.

HOP is the first processing plant in Alberta to produce valuable products including hydrogen, ethane, and other natural gas liquids from a refinery offgas stream supplied from Shell's Scotford Complex. The products are returned to Shell via pipeline. Removing these products from the offgas and using natural gas as an industrial fuel reduces the environmental footprint of refinery and upgrader operations in the area.

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### FACTS

#### Facility

- Licensed Capacity: 20 mmcf/d
- Conventional Cryogenic Extraction
- Propane Refrigeration

#### Products

- Hydrogen
- Residue gas (comprised mostly of Methane) used for fuel at Shell
- Ethane
- Propane +

#### Facility and Pipeline Connections

- Alberta Ethane Gathering System
- Shell Scotford Complex
- ATCO