

The Sunrise Energy Project

Husky Sunrise Oil Sands – Plant 1A

Fort McMurray, Alberta

Project Description:

Husky Energy (Husky) has partnered to create an energy solution that focuses on responsible resource development of Alberta's oil sands. The Husky Sunrise Oil Sands project will help Husky's growing development in the energy environment. Husky began developing oil sands in 1973 and is one of the leading industry specialists in Alberta. The site is located 60 Kilometers northeast of Fort McMurray Alberta. Production is anticipated to hit 200,000 barrels per day over a 40-plus year life span with first oil projected in 2014.

Role of Black & McDonald

Black & McDonald's role as the Contractor included the supply of labour, equipment, and supervision to receive, warehouse and preserve owners' supplied items; install pipe racks, modules, and equipment; erect stick built structural steel; complete the piping connections between modules including the off module steam tracing and insulation; and, the testing and commissioning for the Plant 1A facility.



Current Status:

Construction Completed

Black & McDonald Role:

Contractor

Total Project Cost :

\$2,500,000,000.

Black & McDonald Project Value:

\$100,000,000

Project Schedule:

July 2010 start, completed December 2013



Key Challenges and Solutions Implemented:

As a key change order, Black & McDonald helped our client through a supply issue with the miscellaneous structural steel. We utilized our fabrication shop in Saskatoon, SK, to detail, procure, and fabricate pipe supports, stairs, handrails and platforms. These items were produced under tight deadlines and delivered on time to ensure milestones were achieved in the project schedule.

Relevance to Future Projects

The Husky Sunrise Oil Sands Plant 1A Project demonstrates once again, Black & McDonald's abilities to provide large multi-trade teams for highly complex industrial projects in remote locations, while maintaining close coordination between our resources at the site, the fabrication shop and suppliers, with successful results.

Client:
Husky Energy

Engineers:
Saipem Canada Inc.