



Fact Sheet | Joffre Cogeneration

Facility Details

Location: Alberta, Canada

Year Commissioned: 2001

Owned/Operated: 40*/0

*480 MW Facility – Jointly-owned with Heartland Generation Ltd. and Nova Chemicals Corporation

Fuel Type(s)



Natural Gas

Owned Capacity

192* MW

Joffre Cogeneration is a 480 MW natural gas-fired combined-cycle generation facility located at Nova Chemical Corporation's petrochemical complex near Red Deer, Alberta. Commissioned in 2001, the facility operates as a merchant plant delivering power to the Alberta Electric System Operator and power, water and steam to the host NOVA Chemicals petrochemical production site. Joffre Cogeneration is owned by a joint venture that includes Capital Power, Heartland Generation Ltd. and NOVA Chemicals, with respective interests of 40%, 40% and 20%.

Quick Facts

- Joffre Cogeneration is one of the largest facilities of its kind in Canada
- Facility provides Capital Power with a significant position as a mid-merit participant in the Alberta market