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North Queensland Gas Pipeline and Facilities Project

Project Name

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Client

Enertrade

Date

2004

Benefit

The North Queensland gas pipeline and facilities provide coal seam methane gas from the Moranbah fields to Townsville's Yabulu 220 MW combined cycle power station, other industrial customers in the Townsville area and the Moranbah power station.

Description

GHD was part of a three-party alliance with Enertrade (owner) and Thiess-Nacap (constructor). Within the alliance GHD was primarily responsible for providing engineering and technical services including almost all documentation, specifications and

drawings for tendering, construction and commissioning purposes.

GHD selected the best pipeline route by using the latest hydraulic modeling methods coupled with close consultation with all affected parties. The pipeline was designed to deliver 60 TJ/day. GHD supplied all the necessary specifications, alignment and other drawings to allow the procurement, construction and commissioning of the 392km of DN250 (10") Class 900 pipeline.

The facilities consist of a 10MW compressor station at Moranbah, end-of-line facilities at both Yabulu and Stuart and two mid-line valve stations.

For more information, please contact:

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Left: Pipeline construction. Right: Flaring of excess gas during commissioning.

