



PROJECT OVERVIEW

The Northern Gas Pipeline connects the Amadeus Gas Pipeline (at Tennant Creek, NT) to Carpentaria Gas Pipeline (at Mount Isa, QLD). NGP achieved interconnection between the Northern Territory's gas pipeline network and the east coast gas network in January 2019.

The natural gas pipeline runs 622km from Tennant Creek to Mount Isa and includes a gas processing facility and two compression facilities. It has a current gas transmission capacity of 92 TJ/day.

PROJECT FACTS

SCOPE

- » 622km DN300 pipeline
- » Gas processing facility
- » 2 x compressor stations
- » Pipeline facilities (MLVs, scraper stations)

CLIENT

Jemena

LOCATION

Northern Territory and Far North Queensland

DATES

2016 to 2019

ROLES & SERVICES

- » **Feasibility Study:** Early-stage process concept evaluation; Technology and configuration selection
- » **Project Management:** Scheduling; Budgeting; Resourcing; Commercial/contract management; Constructor management
- » **Engineering Management:** Engineering & design delivery; Project engineering documentation
- » **Commercial Management:** Pipeline contract tendering; Facilities procurement strategy & oversight; Tender management
- » **Completions & Commissioning:** Documentation preparation; Completions management; Pre-commissioning/energisation; Introduction of hydrocarbons; Start-up; Operator & Engineer Training; Handover to Operations; Ongoing operations support

KEY CHALLENGES

- » Complex process units including cryogenic nitrogen removal
- » Remote location representing logistical challenges

MAJOR ACHIEVEMENTS

NGP represents a unique new gas asset linking NT gas with the east coast gas market



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