

GLOBE VALVE BYPASS PROJECT

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PROJECT OVERVIEW

APLNG's Main Pipeline System (MPS) and High Pressure Gas Network (HPGN), which are operated by Origin Energy, supplies gas to the LNG export facility at Curtis Island in Gladstone, Queensland.

The Globe Valve Bypass project involved works to remediate facilities on the MPS and HPGN that previously limited the de-pressurisation and re-pressurisation capabilities of assets within the systems.

NEJV was engaged to undertake procurement, offsite fabrication and brownfields site installation works involved with the Project.

PROJECT FACTS

SCOPE

Gas pipeline & facilities remediation works

CLIENT

APLNG

LOCATION

Multiple sites from Roma to Gladstone,
Queensland

DATES

Apr 2017 to Dec 2018

ROLES & SERVICES

- » Project management team located in the APLNG Project Office in Milton QLD, working alongside OSD designers team and APLNG
- » Site construction team based in Miles QLD
The project workforce includes welders, riggers, operators, mechanical fitters, labourers, electrical and instrumentation technicians, survey and NDT

KEY CHALLENGES

- » Brownfields work
- » Geographical spread of works
- » Scope developed in parallel with construction

MAJOR ACHIEVEMENTS

- » Early mobilisation
- » Completion of works in prioritised phases from Nov 2017 to Dec 2018
- » 5 crews active across different work sites at one time
- » Exceptional planning and communication by the site team in delivering over 176,000 man hours of work and approx. 1,200,000km driving incident free



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