

PROJECT FACT SHEET

Customer: **ABB Australia**

Project: APLNG Nodal Substation Assembly, Brisbane

Project Profile:



Nilsen are scheduled to complete 106 Nodal Substations for the **APLNG Wellhead Electrification Project**. This particular wellhead project contributes 345 gas wells to the greater APLNG Upstream Project; a vital part of the coal seam gas industry in Queensland.

The ABB Substation project has been based out of the Nilsen facility in Morningside, Brisbane. Nilsen have provided an effective solution to ABB's challenging schedule with capabilities of producing up to 3 Substations per a week.

Nilsen has been dependable in assisting ABB during the advancement of this project. Working effectively alongside ABB to produce a state of the art demountable Substation to suit the Australian outback conditions.



Specific works carried out by Nilsen include:

- Project Management
- Electrical Testing inc. FAT assistance and Protection Relay testing
- Assembly of Mechanical components inc. Base frame, Kiosk walls and Roof and doors
- Installation of Electrical components:
 - 22kV and 3.3kV Ring Main units
 - 500kVA and 10kVA Transformers
 - HV cable/HV Terminations
 - Battery charging stations
 - Communication installations (WAN/LAN)
 - Remote Switching Installations
 - Temperature monitoring equipment
 - Lighting solutions
- Quality assurance inspections, document control and procurement

Nilsen have strived to achieve a proactive approach to construction, commissioning, testing and operation while complying with all applicable Legislative Requirements. Maintaining a strong emphasis on OH&S Systems and structuring a safe culture with a productive focus.

Nilsen have proven to provide a quality service to a quality product within the oil and gas industry, excelling in delivery schedules and project development. With the ever changing requirements from the customer Nilsen were able to assist in solutions and execute in a timely manner.