

Enerflex in action

Roma, Queensland, Australia

High horsepower rotary screw compression

Global resources deliver 76 compressors with inlet separation among 19 hubs to produce first ever achieved LNG from coal seam gas in a cost-effective and high-quality solution.

Enerflex fabricated and assembled 19 hub stations in North America, which were disassembled and containerized for shipment to Brisbane, Australia. Each station contained four screw compression packages — skid mounted — and inlet separation. The four-piece skids came complete with compression equipment, coolers, and electric motors.

The Enerflex engineering team designed the units to gather low pressure (200 kPag) coal seam gas and compress the gas to 1,900 kPag. The first package underwent a complete string test to verify the function and operation of the design in Calgary. The second unit was also manufactured in Calgary to optimize the design before fabrication of the remaining 69 compressor packages completed in our USA facility.



Outcome

This project was the first in the world to produce LNG from coal seam gas. The sales gas is transported to Gladstone, converted to LNG, and exported.

This project was completed on-time and on-budget with zero lost time incidents. Just another way that Enerflex delivers reliable products, successful projects.

Enerflex

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