

MORE GAS ON ITS WAY



The four KTA19GC power modules in their location at the Wandoan site.

Located approximately 20km South-West of Wandoan, Queensland's first domestic-only gas project, the Atlas Gas Project, saw the completion of the 60km pipeline which connects the Wallumbilla gas pipeline to the East Coast gas market. The Atlas Project is on 58 square kilometres of land the Queensland Government granted for domestic-only gas production in March 2018.

The ground-breaking project is supplying natural gas to generate electricity and make products in Queensland. The Atlas Gas Project was developed by Senex Energy in partnership with Jemena and plays an important part in building an interconnected supply chain of energy delivery assets in northern Australia through targeted acquisitions and greenfield developments.



ALWAYS ON



At the start of January 2020, Synchrotech Controls' technicians successfully completed commissioning of the four Type B compliant gensets, each utilising a Cummins KTA19GC industrial gas engine, producing 1.3 MW generator power all up and operating 24/7. The project is also supported by one QSX15 diesel black start unit.

“The long-standing relationship between Synchrotech Controls and Cummins South Pacific has grown over the past years, more recently this has seen the successful packaging and installation of the four KTA19GCs; demonstrating the collaboration between Cummins South Pacific and Synchrotech and powering the success of the Atlas Project,” says Miles Paul, Cummins South Pacific Business Manager for Oil & Gas/Mining.

Each unit was installed in high quality, stainless steel, sound attenuated and weather proof enclosure for the harsh remote conditions on the site. According to Craig Giles, Director/Senior Mechanical Engineer at Synchrotech Controls, “commissioning was 100% complete just three days after gas availability. Another faultless commissioning trip made possible by our comprehensive test installation and complete factory testing offsite prior to shipping.”

Looking forward, it is this type of low emission power generation that aids the transition towards a low carbon future and provides complementary support with intermittent renewable technologies such as wind and solar generation.

At Cummins, our strategy is to provide clean, fuel efficient and dependable power for our customers with the least environmental impact possible. ■

GEA Open Set shows KTA19GC on skid.



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