

Enerflex in action

Chichimene, Colombia

9.6 MW power station with flare gas-to-power solution

Complete large-scale power station successfully meets very high power demand of remote site.

Our customer's plant is situated in a remote region of Columbia, isolated from all power sources. The Enerflex modular solution meets the very high-power demands of the site today and is capable of expansion in the future. The local Enerflex team installed a PWC3200S, with three units generating 3,200 kW each, for a total output of 9,600 kW – generating 4,160V at 900 RPM.

The package consists of a 16V 275GL+ Waukesha engine, with a Kato 4,160V generator, Sutton Stromart cooler, ComAp Intelisys NTC control system, all housed in an Enerflex designed and fabricated walk-in enclosure.



Outcome

The Enerflex power plant is a complete, large-scale 9.6 MW power station, operating as low as 1.6 MW, and all combinations in between. The equipment was transportable over difficult terrain, and offers continuous duty power to a remote facility where reliability is vital.

The equipment shipped from Enerflex's Calgary facility, installed by the customer, and pre-commissioned by Enerflex. All three units were extensively tested and checked, allowing for the required adjustments to be made prior to start-up. This process enabled commissioning to be completed one week ahead of schedule – and on budget.