



## Oil and Gas

### Case History

IGSA

#### Where:

Colombia

#### Specified:

2 x **STAMFORD** P80 alternators to meet a 5MW power requirement

#### Purpose:

To provide reliable power to one of the most important Oil & Gas sites in Colombia for a major oil customer

Oil & Gas site specifies **STAMFORD** P80 alternators for complex onshore project

A continuous power requirement in Colombia's oil sector is being met by **STAMFORD** P80 alternators. Specialist generator set manufacturer IGSA from Mexico specified the premium alternators from Cummins Generator Technologies, which were coupled with Cummins engines to make a 2.5MW generator set design that meets the highest quality standards in a demanding application.

IGSA supplied the two generator sets through their local distributor Antonio Spath Co. to one of the largest oil & gas multinational companies operating in Colombia. The company is a leading explorer and producer of natural gas and crude oil, with operations focused in Latin America.



2 x 2.5MW generator sets help power the extraction site

The complete system is an arrangement of four generator sets that deliver 9MW of continuous power to a crude oil extraction site.

IGSA undertakes operations in a wide variety of fields including: energy and cogeneration, computing and telecoms, health and medical, and oil & gas.

IGSA has earned a reputation for high quality standards and strong local support across the oil and gas sector. On this occasion, the final customer required IGSA to deliver a generator set design that would produce 2.5MW of standby power. For alternator supply, IGSA chose to team up with Cummins Generator Technologies, as it has done frequently before, because Cummins not only has a strong brand reputation, it is also highly regarded for delivering outstanding value, short lead times and technical expertise. The technical support in particular proved crucial to the success of this project.

The alternators specified were low voltage variants of the **STAMFORD** P80 range. Cummins Generator Technologies supplied two of these, fitted with anti-condensation heaters, plus droop current transformers, to support parallel operation. The **STAMFORD** alternators were paired with Cummins G-Drive QSK78 G7 engines.

One of the clear successes of the project was that IGSA, Cummins Generator Technologies and the G-Drive team were able to work very closely



STAMFORD P80 alternators were specified for the generator sets

*We can trust in Cummins to work with us on complex projects requiring short lead times, reliable equipment, technical support and teamwork*

*Gerardo Tunaes, Commercial Director, IGSA*

together. “The main challenge was to work as a team to deliver the promised dates to the end user,” says Humberto Lira, **STAMFORD | AvK** Sales Manager - Mexico & Central America. “Our customer service and technical team offered excellent support to the IGSA team to keep the project on track and delivery on time.”

The great co-operation and co-ordination between Cummins Generator Technologies and the Cummins Engine business greatly impressed IGSA. As a long-standing customer, IGSA knew they could rely on the quality and durability of **STAMFORD** alternators for their customer. “We can trust in Cummins to work with us on complex projects requiring short lead times, reliable equipment, technical support and teamwork. We are sure we will be very successful together in the future and I am glad to work with Cummins,” commented Gerardo Tunaes, Commercial Director, IGSA.

For more information on Cummins Generator Technologies’ **STAMFORD** range of alternators visit [www.stamford-avk.com](http://www.stamford-avk.com).



[www.stamford-avk.com/applications](http://www.stamford-avk.com/applications)



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