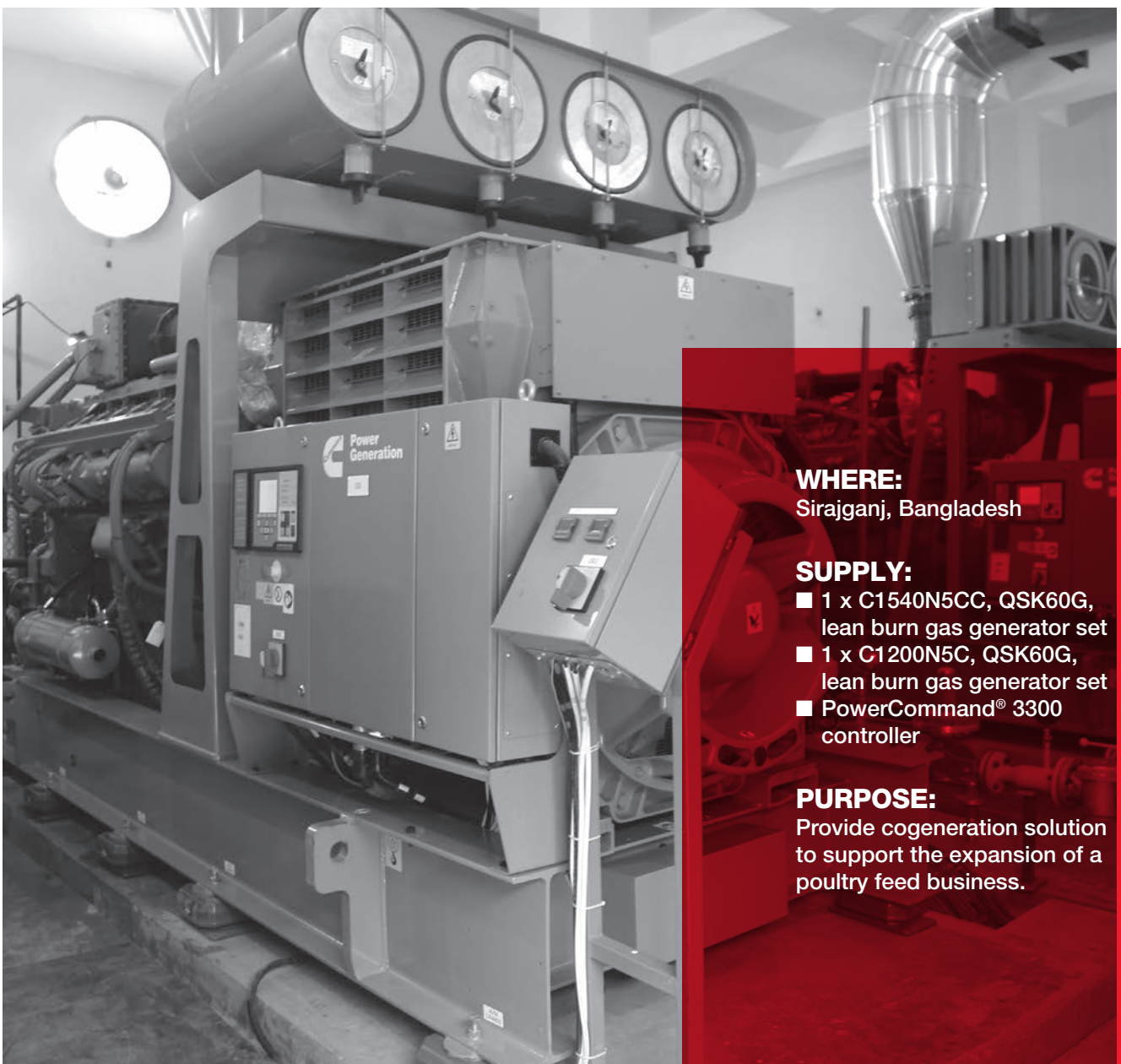


POULTRY FEED BUSINESS EXPANDS WITH COST- EFFICIENT GAS POWER SOLUTION



WHERE:

Sirajganj, Bangladesh

SUPPLY:

- 1 x C1540N5CC, QSK60G, lean burn gas generator set
- 1 x C1200N5C, QSK60G, lean burn gas generator set
- PowerCommand® 3300 controller

PURPOSE:

Provide cogeneration solution to support the expansion of a poultry feed business.



COGENERATION SOLUTION OFFERS SIGNIFICANT FUEL SAVINGS

ACI Godrej Agrovet Pvt. Ltd. (ACI Godrej) is a joint venture between ACI Group (Bangladesh) and Godrej Group (India) which currently invests into the poultry feed business in Bangladesh. Today, ACI Godrej owns several projects for poultry feed, fish feed, cattle feed as well as live poultry. To support the company's expansion plans, Cummins Power Generation offered a reliable cogeneration solution with the installation of two QSK60G gas generators to cover the power requirements of a poultry feed plant based in Sirajganj, Bangladesh offering a total of 2.7MW. An exhaust gas powered boiler with a capacity of 1.8 Tons was also added, offering significant environmental and cost benefits as the excess heat produced was repurposed for steam generation, lowering the total NOx emissions.

ACI Godrej has already partnered with Cummins Power Generation for the installation of two diesel generators offering 1.6MW of continuous power and were very satisfied with Cummins Power Generation product technology and the dedicated ongoing service support provided by Jakson International (JIL), Cummins Power Generation's local distributor.

One of ACI Godrej's main requirements for the expansion project was the selection of a generator model that would be fuel efficient while maintaining a low total cost of ownership per kW output. Although ACI Godrej had an existing partnership with another generator manufacturer utilizing a 500kW gas generator, ACI Godrej decided to partner with Cummins Power Generation for this expansion. Cummins Power Generation offered a clear advantage over competition as the QSK60G gas generator models provided significant fuel and financial savings while maintaining a rigid power supply 24/7 with a quick load step performance and long major service overhauls. The generators' large major overhaul service cycle provided the customer with a high return on CapEx investment while keeping the operations and maintenance costs low.





Coupled with the above product capabilities, Jakson International worked closely with ACI Godrej to ensure the best solution was provided meeting all site requirements, from the provision of technical data to the ongoing maintenance and aftermarket support, upon the successful commissioning of the project. Thanks to highly qualified technicians and specialists working on a 24/7 basis, the installation runs continuously with limited downtime and the gensets operate with more than 85% load, which further increases the total profitability of the installation.

“ With the Cummins gas generator exhaust powering a 1.8 Ton boiler, we were able to offer the customer a solution they could not refuse, taking into account all environmental considerations, total cost of ownership advantage, and the trust in our dedicated 24/7 support service that we are providing them. Design support to cover all BOP requirements and the integration of the CHP system was provided throughout the entire project’s lifecycle which was critical to ensure the project was delivered successfully and on time ”

Santos Kumar Panda, Country Head, Jakson International Ltd.



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