

Case Study



Flour Mills Of Nigeria Power Plant



Flour Mills engine room



Flour Mills control room

Client	Capacity	Location	Operational
Flour Mills Of Nigeria PLC	27MW	Apapa, Nigeria	2006

Manufacturer	Packager	Type	Primary fuel
GE Energy - Jenbacher	Clarke Energy Nigeria	9 x 3.041MW JGS 620 GS-N.L	Natural Gas

SITE DESCRIPTION:

This is the world's second largest flourmill and the natural gas fuelled generating sets have been installed to provide all the site power, previously supplied by diesel based generation plant. The 9 x GE Jenbacher JGS620 gensets are rated at 3.041MW_e each and were installed during 2006 at the Flour Mills of Nigeria plant in Apapa.

Clarke Energy supplied the generating sets and provided design and installation support to the site engineering staff prior to successful commissioning.

During the tendering stage, detailed through life cost analysis carried out by the site technical staff resulted in a clear commercial advantage associated with these Jenbacher sets compared to competitor's equipment.

Such was the operational success of the Jenbacher gensets that after the initial installation of 7 units an additional 2 were added to cope with forecast increase in site power demand.



Authorised Distributor
Jenbacher gas engines