



Project Profile

Oaky Creek Waste Coal Gas Power Station



Client	Packager	Location	Primary fuel
Envirogen	Clarke Energy (Aust) Pty Ltd	Oaky Creek North Coal Mine, QLD	Coal Seam Methane

Manufacturer	Capacity	Type	Operational
GE Jenbacher	13MWe	12 x 1 MWe JGS 320 GS-S.L	July 2006
GE Jenbacher	21MWe	14 x 1 MWe JGS 320 GS-S.L 2 x 3 MWe JGS 620 GS-S.L	January 2009

Service Provided

Our fully trained Service Engineering Team provide comprehensive support from our Parts and Service Workshop facilities in Melbourne, and our operational bases in Sydney, Perth and Auckland.

Scope Of Work

Turnkey contract for the supply of 14x 1MW and 2x 3 MW gas engines installed at Oaky Creek North coal mine. The site is designed for a further 10MW as gas production increases. Each engine is installed in a custom built enclosure that includes noise attenuation, ventilation, cooling and fire & gas detection and CO2 suppression.

The site is using waste gas that would otherwise be vented to atmosphere as a green house gas.

Upon completion of commissioning and handover to Envirogen, Clarke Energy will operate and maintain the station under a long term Operation and Maintenance contract with availability guarantees.

Latest

The site is currently undergoing expansion to 21MWe with the addition of 2x 1MWe JGS 320 and 2x 3MWe JGS 620 gas engines for January 2009. This is after Envirogen engaged Clarke Energy to increase the site by two more 1MW Jenbacher gas engines; these were previously used at their 8MWe Teralba CMM project in NSW after in May 2006.



Authorised Distributor
GE Energy