



Project Profile

Oaky Creek Waste Coal Gas Power Station



Client	Capacity	Location	Operational
Envirogen	13MWe	Oaky Creek North Coal Mine, QLD	July 2006

Manufacturer	Packager	Type	Primary fuel
GE Jenbacher	Clarke Energy (Aust) Pty Ltd	12 x 1 MWe JGS 320 GS-S.L	Coal Seam Methane

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 12x 1MW 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.

To help handle a greater volume and consistency of mine gas at Oaky Creek, in May 2006 Envirogen engaged Clarke Energy to add to more 1MW Jenbacher gas engines that were previously used at their 8MWe Teralba CMM project in New South Wales.



Authorised Distributor
GE Energy