



Project Profile

Tahmoor Colliery



Client	Capacity	Location	Operational
Envirogen	7 MWe	Tahmoor, NSW	January 2001

Manufacturer	Packager	Type	Primary fuel
GE Jenbacher	Clarke Energy (Aust) Pty Ltd	7 x 1MWe JGC 320 GS-S.L	Coal Seam Methane

Supplementary Fuel

Natural gas, if primary fuel concentration falls below minimum level for satisfactory engine operation.

Services Provided

Our fully trained Service Engineering Team provides comprehensive support from our Parts and Service Workshop facilities in Melbourne.

Scope Of Work

Clarke Energy currently provides operation and maintenance for the installation under a comprehensive Operation and Maintenance Contract with Envirogen. The project entails power generation at 415V and stepped up to 11kV for feeding into the electricity grid. The Generators were designed and assembled in acoustic enclosures for noise containment. Each enclosure is fitted with ventilation fans, fire protection, suppression, inlet and discharge air attenuators and exhaust gas system.

Controls, L.V. switchgear, generator control panels and main switchboard are housed in a custom built switch room.

The generator control system is managed by the Dia.ne and can be monitored remotely.



Authorised Distributor
GE Energy