

MINE POWER STATION



| LOCATION/SITE | CLIENT | DATE | DURATION |
|---------------|----------------|------|----------|
| BHP Billiton | LJN Consortium | 2009 | 38 Weeks |

PORT HEADLAND, WESTERN AUSTRALIA

PROJECT/OVERVIEW

To provide a complete turnkey package – including diesel power generation, fuel storage, switchboard, and earthing grid system – at a remote camp site in the Pilbara region of Western Australia.

OUR INVOLVEMENT

Eneraque installed and commissioned four Volvo diesel-powered, DVS 570, prime-power silenced gensets, selected for their fuel efficiency and reliable performance. Each generator was programmed to load-share and hour-share by synchronising Deep-Sea controllers, mounted onto each generator. Extended runtime was made possible by supplying diesel to the generators from a 68,000-litre safe-fill, double-bunded fuel tank, to ensure continuous safe running conditions at all times.

OUTCOME/BENEFITS

From site surveying, site civils to install, commissioning, maintenance and operation. Distribution of power was achieved via four incomers to a 50kA/sec fault-rated, all-weather, standalone switchboard. All components met and exceeded BHP Billiton regulations.

