



POWERPRO PERKINS POWERED 500 kVA SUPPORTING SOUTH AFRICAN MINE SITES



In 2008 Powersource were privileged to succeed in our bid to supply standby power modules to provide back up for mine site administration facilities.

Despite a massive variance in the sites likely requirements, we recommended a uniform power module with a synchronising control system set up for "plug and play" so the client could match together the requisite number of units to achieve the required power.

For better performance and load acceptance, the generators had an upgraded excitation system – PMG (Permanent Magnet Excitation). We also provided an additional fuel/water separator to handle the local extremes in temperature that result in condensation. This can be highly detrimental to the fuel injection system.

The whole package was then acoustically treated with modified exhaust discharge and all necessary health and safety labelling and documentation to satisfy local legislation and practise.

