

POWERWEST
POWERFUL CONNECTIONS

CONTACT US TO DISCUSS YOUR
POWER GENERATION NEEDS

POWERWEST
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Powerwest

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EMERGENCY
STOP



Our vision is to bring reliable power to the most remote projects in the world.

Since 1989, Powerwest has been delivering quality, reliable and efficient power supply solutions to Australia's leading mining and resources companies.

With a focus on building 'powerful connections' with our clients, Powerwest designs, builds, delivers and maintains high performing power generation solutions that operate reliably and with efficiency in the harshest conditions.

Proudly Australian and family owned,
with headquarters in Perth, Western Australia.

Powerwest works with some of the biggest and most well-known names
in the mining and resources industry,
including ASX200 companies.

Accountability

We take responsibility
for all that we do.

Safety

We take safety
seriously.

Relationships

We establish powerful
connections with our clients.

Respect

We treat others as we
expect to be treated.

Integrity

We do the right thing.



Diesel Natural Gas Solar and integrated power.

Diesel The delivery of cost effective diesel fuelled power generation solutions is our specialty. Powerwest uses industry leading engines which are modified in-house by our specialist team to enhance operational performance and deliver fit-for-purpose solutions with proven reliability and availability.

Natural Gas For sites where natural gas supply is abundant, Powerwest harnesses this clean energy's capabilities to deliver reliable power generation solutions. Using natural gas can help mine sites meet their environmental targets and lead to a reduced carbon footprint.

Dual Fuel Our dual fuel engines allow mine site managers to switch from natural gas to diesel fuel where market supply interrupts availability posing a risk to business continuity and utilises price fluctuations to deliver the most cost effective power supply.

Solar Solar powered capabilities are a viable alternative and ideally suited to the West Australian climate. Battery storage solutions provide the extra output needed for increased load demands and ensure consistent power generation.

Achieving Fuel Efficiency Powerwest's dedication to research, development and innovation results in power station design that helps mining and resources companies meet and at times, exceed their fuel efficiency KPIs. Powerwest installs the right equipment for the prevailing conditions and workload and monitors and manages performance. Our efficiency rates produce outstanding solutions for our client's needs.

Maximising Reliability Market leading generator control technology systems provide us with the ability to remotely monitor and manage your Powerwest power station 24/7. With our close attention and monitoring, continuous reliable power generation is yours, guaranteed.

Powerwest
designs,
builds,
delivers
and
maintains
high
performing
power
generation
solutions.



Powerwest has the capability
and the fleet to offer solutions
to meet any requirements.



BUILD OWN OPERATE (BOO)

Choose a Powerwest BOO solution and receive a state-of-the-art, high performing power station under a supply agreement for a guaranteed c/kWh rate for power usage. Fuel efficiency is also guaranteed. Tailored to suit the size of your site and your setting, there are no up-front capital costs and the CAPEX of your project is reduced.

BUILD OWN OPERATE TRANSFER (BOOT)

A Powerwest BOOT power station is suited to mining and resources companies that seek to partner with a power generation expert to design, install and manage their power station, but wish to take ownership later, amortising the operating costs and capital invested over time.

TURNKEY

We have turnkey power generation solutions available for immediate purchase and installation within tight timeframes, to suit a wide range of budgets and mine site sizes and settings.

RENTAL

Our rental fleet includes a large range of industry leading manufactured diesel power generators, ranging from 20kVA to 1250kVA. Available for long-term or short-term rental, we offer flexible terms and our expert team can advise which power generator is the best for your site's needs.



KINGSGATE CONSOLIDATED & WPG RESOURCES

CHALLENGER GOLD MINE

The challenge

The Challenger gold mine is located 740 km northwest of Adelaide in South Australia. It was operated by Kingsgate Consolidated Ltd until February 2016 when WPG Resources bought the mine.

At the time of the mine's establishment, a reliable power supply was needed. The mine owners turned to Powerwest to deliver a build own operation (BOO) solution.

The solution

In 2002, Powerwest installed a 2.5MW power station at the site. Additional Cummins generators were installed in 2005, with a capacity of 5.6MW and, in 2010, a second power station was added with a capacity of 4MW.

In 2016, when WPG bought Challenger, all contractors were invited to retender. Powerwest was one of the few to win their tender. In 2016–17, both existing power stations were upgraded with new Cummins engines to further improve fuel efficiency.

Total installed power 12MW.

LOCATION: SOUTH AUSTRALIA

PROJECT SIZE: 12MW

TURNAROUND: ONGOING SINCE 2002



KIMBERLY DIAMONDS

ELLENDALE

The challenge

The Ellendale yellow diamond mine was operated by Kimberley Diamonds Ltd 100 kilometres east of Derby in the Kimberley region of Western Australia.

The solution

In 2006 Powerwest secured a BOO contract to deliver two power stations, an 8MW high voltage station and an 8MW at 415KVA at the company's Ellendale project.

The site was operated and maintained for twelve years by onsite Powerwest personnel until Kimberley Diamonds went into receivership. The station was remotely monitored by our remote operations centre in Perth, through the ComAP control technology system, ensuring 24/7 operational control and monitoring.

Total installed power 16MW.

LOCATION: WESTERN AUSTRALIA

PROJECT SIZE: 16MW

2020 CEASED OPERATION



INTREPID MINES & NORTHERN STAR RESOURCES PAULSENS GOLD MINE

The challenge

Paulsens is an underground gold mine, located 180 kilometres west of Paraburdoo, Western Australia. Production began in 2005. Powerwest was engaged to provide reliable, continuous power to this very remote site and, since 2005, has continued to supply power under a build own operate (BOO) model.

The solution

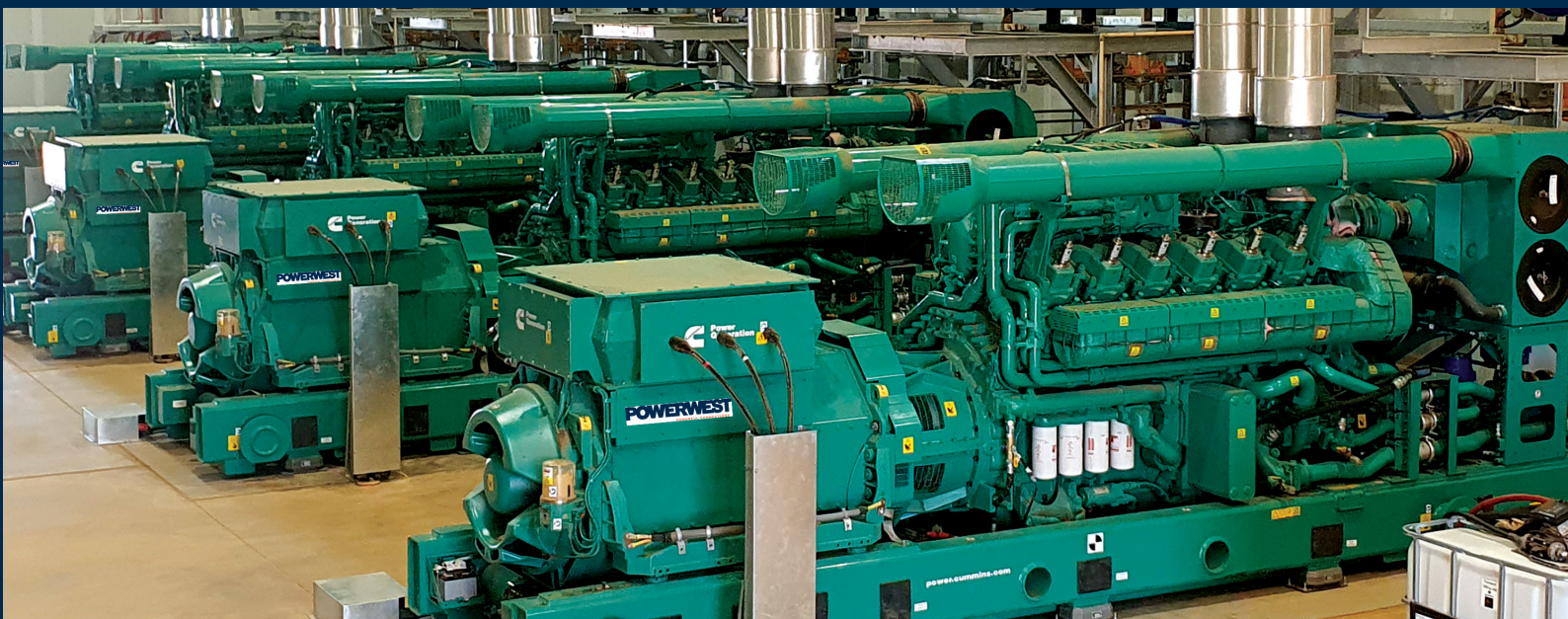
In 2005, Powerwest determined the site's needs and installed six innovative power generators with a capacity of 4.8MW. In 2010, Northern Star purchased the mine, and based on our capabilities and track record of reliable power supply, Powerwest was retained as the sole power provider. In February 2014, a second power station with five new engines, a capacity of 4MW was installed to support the site's continued expansion. In 2016, Powerwest added three new engines, 2.4MW of power at Power Station 2.

Total installed power 11MW.


LOCATION: WESTERN AUSTRALIA

PROJECT SIZE: 11MW

TURNAROUND: ONGOING SINCE 2005







Our people have a detailed knowledge of power generation and a genuine commitment to excellence in service.

Our team of power specialists and contractors make it their business to truly understand each client's needs before customising a power generation solution to suit.

Add to that our desire to evolve with our clients and deliver them new advantages every day, and it is clear to see why more mining and resources companies are choosing Powerwest.

Participating in the future of jobs creation, Powerwest employs apprentices who will be future leaders in power solutions using the latest technology.

JEFF GREEN MANAGING DIRECTOR

Jeff's experience in mining exploration and power generation spans 35 years. He founded Powerwest in 1989 and remains hands-on today.

STEWART IRELAND ELECTRICAL MANAGER

Stewart uses his specialist knowledge of power generation to lead teams and ensure the successful planning, execution and delivery of Powerwest client projects.

GARY STOKES BUSINESS DEVELOPMENT MANAGER

Gary fosters powerful connections with clients, helping them to take advantage of new ways to achieve greater efficiencies in power generation, improve their productivity and bottom line.

BLAIR MORRISON MAINTENANCE MANAGER

Blair's commitment to excellence in servicing and operations ensures maximum equipment up-time and consistent reliability for his Powerwest clients.



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