

# Supporting Mining Towards Net Zero

aggreko



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## Acknowledgement of Country

We wish to acknowledge the traditional custodians of the land we are meeting on, the Whadjuk (Perth region) Noongar people. We pay our respects to the Elders both past, present and future for they hold the memories, the traditions, the culture and hope of their people.







## OUR COMMITMENT

BY 2050



We are constantly adapting to make sure our focus on a sustainable future is in the forefront of our strategy. Aggreko is committed to ensuring that our success also brings long-term social and economic benefits to the communities and countries where we operate. We look forward to working with our customers to enable the energy transition and create better and cleaner energy solutions together.

## THE MINING ENERGY LANDSCAPE

The mining industry energy landscape continues to evolve – from traditionally **relying on diesel for power generation to moving towards renewable and alternative fuel solutions.**



The mining industry is undergoing a meaningful **energy transition**



Mining companies under **financial pressure** to minimise capital as a result of uncertainty



**Reducing cost and maximising production** directly impacting a firm's energy choices



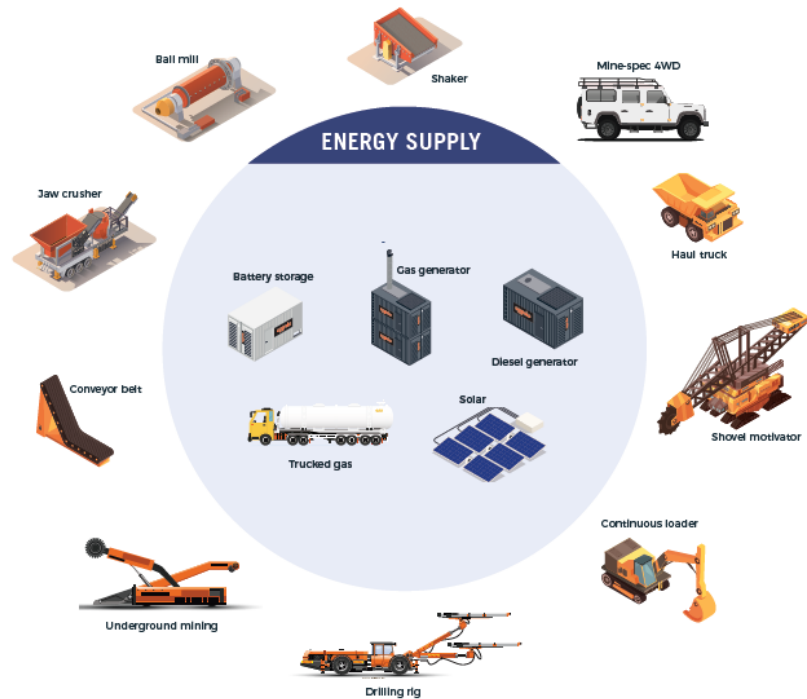
**Life of mine reducing** and it is no longer always financially viable to build permanent power infrastructures



# aggreko ELECTRIFICATION OF THE MINING INDUSTRY

## TODAY

A combination of thermal, renewable and energy storage to power a mine site.



ENERGY DEMAND

## FUTURE

Utilising renewable energy, battery storage and future technology to achieve Net Zero.



ENERGY DEMAND

One of the best ways to power mine sites of the future is to **reinvent the way it is done.**

## THE MINING ENERGY MIX

Traditionally mine operators would use diesel for power or use purchased power from utilities which relied heavily on hydrocarbon fuels such as coal, oil and natural gas, iron ore into steel.

A way mining companies are operating more sustainably though is by supplementing their power supplies with in-house energy solutions, in a way to reduce energy consumption and carbon emissions.

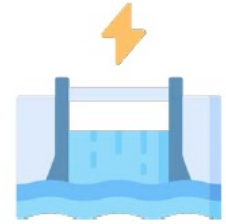
Power sources other than diesel



Low carbon fuels



Wind power



Hydropower



Solar energy



Energy storage

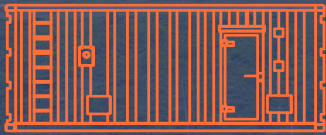


Gas



# aggreko

## Scalable Microgrids



**Scalable and flexible microgrids that evolve with the lifecycle of the mine**



**Fast track power without waiting for CAPEX**



**Bridging power gaps to maximise on short term opportunities**



**Independence from the grid offering control and reliability**



**Not limited by ever changing technology advances**



**Integration of renewables**



# Benefits of working with **aggreko**



## **Duration flexibility**

Need flexible contract duration? No problem. We can do short term contracts (starting around 2 years for solar).



## **Turn-Key service**

Our specialist services include everything from initial assessment of needs to service back-up site. And this is all bundled in a single contract. It's a one-stop shop.



## **No Capex**

Renting equipment eliminates the need for capital expenditure. There is no large down payments or interest costs and preserves your borrowing capacity.



## **Guaranteed reliability**

Built-in redundancy and on-site technicians mean that you can rest assured that the power supplied by our power plant is reliable and will run 24/7 if needed.



## **Reduced risk**

We're fully accountable for the equipment, technologies, integration, the people and the operation of the power plant, reducing your exposure to any associated risks.



## **Fuel Flexible**

We are fuel flexible, and have power generators that can run on diesel, gas (CNG, LNG, APG, LPG), Low/No Carbon Fuels, Solar and Wind hybrid.



## **Flexible capacity**

The installed capacity of a power package can be increased or decrease incrementally and equipment is available on a short or long-term basis, depending on your power needs.



## **Commercial flexibility**

Need flexible commercial terms? No problem. We can work with you to agree on flexible terms that make us both happy.