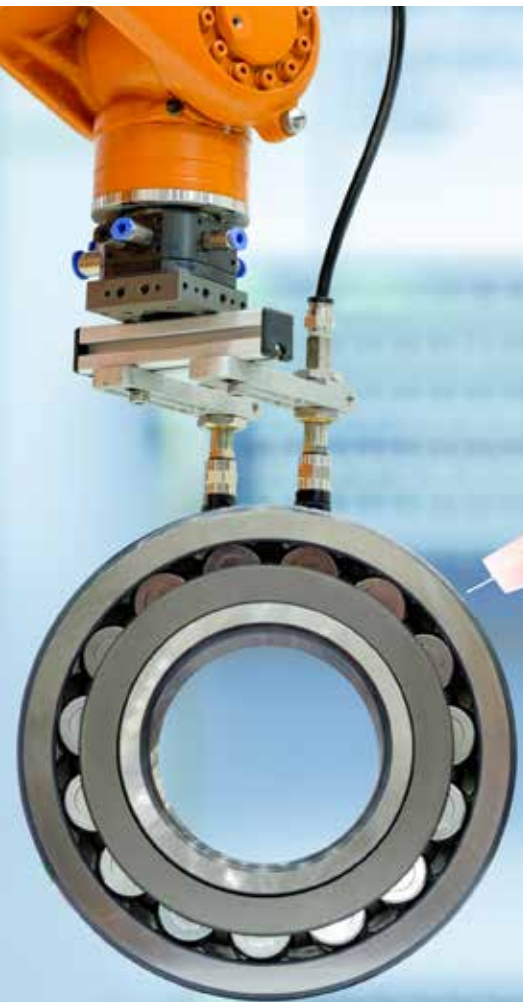


aggreko

MANUFACTURING

Decentralised energy solutions



Stay switched-on

Decentralised energy solutions provide manufacturers with flexible power generation that can reinforce security of supply, stabilise energy costs, cut carbon emissions and in some cases, generate revenue.

At a time when energy costs are uncertain and over-reliance on the grid can be a risk to operations, our range of short to medium term decentralised power hire options can support in managing cost and energy supply more effectively.

Being agile to adapt to changes in demand, and gaining access to finance, can be a major hurdle for many manufacturers, especially when faced with economic uncertainty.

With hire you can get your plans underway straight away, accessing newer, more efficient technology with environmental benefits, whilst eliminating the need for capital expenditure and being tied into high fixed energy costs. With operation and maintenance provision included in the rental agreement, you also save on in-house resource and maintenance costs.

Stay competitive

If local wholesale electricity pricing is impacting your bottom line and you are looking for ways to reduce your energy costs or even generate revenue, through mechanisms such as demand side response, a decentralised solution could provide a fast flexible solution. Modular configuration means that our products are easy to install, so capacity can be increased or decreased quickly, in line with production demand.

Sustainable energy

Battery Energy Storage Systems (BESS)

An integral part of a lower carbon future is energy storage. Harnessing power produced at one time that can be drawn upon when you need it most. By combining generators with battery storage, we can deliver a secure source of cleaner energy, enabling you to maximise your operational output whilst minimising downtime and emissions.

Combined heat and power technology

Generate power, heat, steam or hot water by utilising waste heat from the engine's exhaust or high temperature coolant. This delivers greater efficiency and cost savings, especially in processing environments.

Load on demand

Load on demand provides constant, reliable and efficient power. This scalable, fully automated solution utilises several smaller kVA generators to power the same peak demand as one larger unit. However, when the site's demand falls, the surplus generators can be turned off making it more efficient, cost-effective and lessening the impact on the environment.

Alternative fuels

Our generators can run on a range of biofuels including HVO and B10 to significantly reduce carbon and harmful emissions. With our fuel management service, you don't need to worry about running out of fuel either, our remote systems send alerts every time a delivery is needed.





Diesel and bio-fuel generators

- Generators range in size from 30 kVA to 2100 kVA
- Stage V generators, maximising performance and minimising emissions
- Scalable, flexible modular design- tailored to your power requirement
- Bio-fuel options significantly lowers nitrogen oxide, carbon monoxide and particulate matter emissions
- 24/7 remote monitoring delivering insights to maximise operational efficiency



Gas generators

- Generators range in size from 365 kVA to 1875 kVA
- Reliable in continuous operations
- Lean burn technology, spark-arrested silencing and turbo-charged after-cooling, to deliver best in class fuel efficiency
- Scalable, flexible modular design, save on space with 20 ft ISO containers
- Run in parallel with the grid supply or in island mode



Battery storage

- Batteries range from 45 kVA to 1 MW
- Single units combine to deliver the power and energy capacity required
- All in one and ready to install reducing footprint and installation costs
- Minimal noise
- Allows for savings on fuel consumption and emissions



Assessing
your needs



Design



Installing
and testing



24/7 remote
monitoring



Servicing
and operation



Fuel
services



Contingency
planning



Added Resilience

Add resilience to your operations with back-up power and temperate control, decentralised energy and contingency planning. Flexible solutions that allow you to be agile in your approach giving you greater control and without the need for capital expenditure.

Added Efficiency

Improve efficiency through strategic equipment hire, applying the latest technology and processes to reduce energy consumption, costs and emissions.

Added Productivity

Supplement on-site power and temperature control systems with temporary equipment to keep operations running during emergencies, shutdowns and seasonal peaks, adapting the rental solution to meet changes in demand.

Added Reassurance

Receive industry-leading product design and technological expertise, supported by sector experts and skilled engineers.

Just add Aggreko

For more information



aggreko.com