Flexible power solutions enabling mining growth
Aggreko is The World Leader in flexible power solutions.
Supporting Mining Operations Worldwide

Headquartered in **Scotland** with 7200 employees

Over 200 locations with 11,000 MW of fleet capacity
Key Benefits when you use Aggreko

- Extreme Flexibility
- Peace of Mind
- Minimal Capex
- Rapid Deployment
- Owned & Operated
- Global but Local Partner

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Extreme Flexibility: Scaleable Solutions

Matching power with demand. Ability to **quickly ramp capacity** up or down depending on need.

Supply tailored to the **requirements of each location at each stage of the mines life**.

Matching Power with your needs
– short, medium contract term
Upscale / Downscale as required

Power Requirements
– **5MW up to multiple MW Operations**

Various technologies and fuel options:
HFO, Gas, Diesel and ADDGAS.
− Funding can be challenging and power plants require a large portion of the projects Capex

− Aggreko Solutions requires little to no Capex


− Designed, developed and built for rental-specific applications in the toughest environments on earth

− Emissionised engines built to the latest US EPA and European emission requirements, e.g. Tier 2, Stage II, Tier 3, Stage IIIa and Tier 4
Our people make the difference!

Dedicated, highly skilled and specialist staff for:
- Project management
- Logistics
- Installation and commissioning
- Operation and maintenance
- Engineering & design

Implementation:
- Build
- Install
- Own
- Operate
- Service
- BOOT Option
Global but local Partner

- Aggreko has provided power to more than 33 countries across Africa
- Currently, Aggreko has over 2 GW of power on hire across Africa
- Over 89% of our team working in African are African nationals working from local depots
- Operating entities are legally owned by Aggreko
- Sites Operating in most remote locations

Walvis Bay - Namibia
Nairobi – Kenya
Dar es Salaam - Tanzania
Lagos – Nigeria
Luanda – Angola
Midrand, Durban, Cape Town, Port Elizabeth - South Africa
Katanga - DRC
The world's largest rental fleet
Strategically positioned to be mobilised for immediate dispatch

Power equipment designed around standard 20’ ISO containers
- Allows easy and rapid mobilisation by land, sea or air

In Emergency cases: Network Breakdown, Load Shedding, Technology failures etc
- Easy and quick to install and assembly

Performance testing and quality checking of equipment at base facility before every deployment

Over 50 years of experience in designing, commissioning & operating temporary power systems
QHSE is of primary concern to Aggreko due to the nature of business, which involves heavy machinery, electricity and various fuels.

- Aggreko uses daily Key Performance Indicators (KPIs) including Frequency Accident Rating (FAR) to measure the ongoing effectiveness of our safety programs.

- Safety for Life, an all-encompassing employee safety program is an integral part of all of our operations, in all parts of the world.

Peace of Mind: Client Satisfaction

- Ensuring that environmental issues are a main consideration when we design our fleet.

- Ensuring that our equipment is built and maintained to highest standards.

- Training and educating our staff worldwide in the safe operation of equipment.

- Ensuring that environmental issues are a key focus throughout the management chain.

Our Environmental Policy includes:

- Ensuring that environmental issues are a main consideration when we design our fleet.

- Ensuring that our equipment is built and maintained to highest standards.

- Training and educating our staff worldwide in the safe operation of equipment.

- Ensuring that environmental issues are a key focus throughout the management chain.
VIDEO

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We are delighted to be working with Aggreko as they have great experience operating at sites similar to the Bisha mine. **Being in a remote location meant that finding a reliable power supply was a critical factor; however, Aggreko’s lead time and modular flexibility fitted well with our planned production schedule.**

Cliff Davis | Chief Executive Officer Nevsun Resources | Eritrea

Aggreko provided a 20 MW power package for the construction and Commissioning of the Bisha gold mine.
Power is Critical at Every Stage of a Mine’s Life

- **Early Explorations**
  Make even remote locations feasible with Aggreko’s complete & reliable power solution

- **Feasibly Stages**
  Why buy when you can receive expert engineering solutions that improve cash flow and avoid capital expenditure?

- **Construction & Commissioning**
  Fast-track mine construction and commissioning with rapid, on-time delivery of temporary power

- **Full Production**
  Early power, early production, early cash flow

- **Mine Expansion**
  Commercially engineered solutions to support project feasibility and rapid expansion

- **Ramp-down**
  Extend the life time and profitability of your project with Aggreko’s flexible solutions

- **Closure & Rehabilitation**
  Achieve optimum mine closure performance by minimising costs, fuel consumption, environmental and social impact

We believe “the Client should focus on what they do best and concentrate on their core business”
Banro Corporation, DRC

Situation:
- Gold mine located in an un-electrified region of DRC
- Reliable power supply required to support development of the mine’s mine

Solution:
- Aggreko provided a full life-cycle power solution
- Grew in size from 500kVA for initial camp power, to an 8 MW power plant
- Power supplied entire project when it became fully operational

AGBAOU Mine, Ivory Coast

Situation:
- Delays in grid connection during mine construction meant project risked falling behind schedule
- Supply contracts already in place so alternative power source was urgently required

Solution:
- Aggreko provided 10 MW baseload power package
- Power package allowed construction activities to continue and ensured project timelines were met

Bisha Mine, Eritrea

Situation:
- Located in isolated region in Eritrea
- No access to any grid infrastructure
- Power source required for development and operation

Solution:
- Aggreko worked with BMSC to supply power to increase capacity in alignment with power demands
- Peak production: 20 MW peak power plant provided power for entire operation
Bob Kangafu

Business development Manager - mining

TEL: +243 853281018

Mail: bob.kangafu@aggreko.ae
Thank You

Any Questions?

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