
Africa Energy Storage Special Effect Project

Where is Africa's largest battery energy storage system located?

Africa's largest standalone battery energy storage system (BESS) project, the 153 MW/612 MWh Red Sands project in the Northern Cape, has reached financial close, having raised some R5.4-billion in debt financing from Absa and Standard Bank.

Who owns the Red Sands battery energy storage system?

Updated 1st July 2025 - The Red Sands Battery Energy Storage System (BESS), set to be Africa's largest of its kind, has officially reached commercial close. Developed by Globeleq, which is 30% owned by Norfund, in partnership with African Rainbow Energy, the 153 MW/612 MWh project was signed off in June 2025 in Cape Town.

Why is the Red Sands battery storage project important?

"The Red Sands battery storage project's successful commercial close highlights the importance of international cooperation and public-private partnerships in tackling energy security and promoting a sustainable energy future. Both in terms of energy security, affordability and climate concerns, this project is a milestone.

Does Scatec have a solar-plus-storage site in South Africa?

Scatec's Kenhardt solar-plus-storage site in South Africa (above), which went online at the end of 2023. Image: Scatec. Africa's energy storage market has seen a boom since 2017, having risen from just 31MWh to 1,600MWh in 2024, according to trade body AFSIA Solar's latest report.

The report noted that JA Solar, a global leader in the PV industry, recently launched its first shipment of energy storage systems to Africa. The "BluePlanet" liquid-cooled ...

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The systems will be deployed across 45 remote villages, enabling distributed off-grids powered by advanced energy storage technology. The project will bring reliable nighttime ...

Globeleq and African Rainbow Energy have finalized key agreements with South Africa's Department of Electricity and Energy and the National Transmission Company South ...

With the energy transition currently underway in Africa, the rapid increase in energy production to meet both demand and emissions reduction targets present a risk in the form of ...

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Africa's clean energy drive rose significantly in 2025. But next year signals a new wave of investment in renewable energy projects across the continent. Here are some to ...

Africa's energy landscape is undergoing a significant transformation, with a growing emphasis on renewable energy sources such as solar and wind power. These ...

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