

---

# East Africa Emergency solar container battery Project

Can battery energy storage be a game-changing solution for South Africa?

As South Africa continues to grapple with load shedding, grid constraints, and rising energy demands, battery energy storage has emerged as a game-changing solution. The Red Sands BESS will allow the country to store excess renewable energy--especially from solar and wind--and release it when it's needed most. This isn't just about storing power.

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.

Who is African Rainbow Energy?

African Rainbow Energy is invested in 1,100 MW of renewable projects, of which 132 MW is under construction, and additionally owns a debt portfolio of R5 billion across 23 renewable energy assets, making it one of the largest and most diverse independently owned energy businesses in South Africa.

Africa experience a surge in renewable adoption, especially with solar energy, in 2025. In this article, we highlight some of the top solar energy projects completed across the ...

The project was awarded preferred bidder in 2024 under the South African Government's battery energy storage independent power producer programme. Red Sands BESS will enhance grid ...

"This is especially crucial in regions like East Africa, where energy reliability remains a challenge. Similarly, JinkoSolar has been focusing on off-grid applications in Africa. ...

In a major win for South Africa's clean energy transition, Globeleq and African Rainbow Energy have officially reached commercial close on the 153 MW / 612 MWh Red ...

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, ...

The project will be constructed in two phases, with the first phase investing Yuan 3 billion to install lithium battery cells and modules BMS, PACK, Container and other production lines; The ...

---

Web: <https://www.ajtraining.co.za>

