

Africa s largest energy storage project





Overview

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.

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 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.

Why is African rainbow energy investing in Red Sands?

Brian Dames, CEO of African Rainbow Energy added: “The investment in Red Sands, in partnership with Globeleq, supports our objective to utilise modern and renewable energy technologies to provide affordable electricity in South Africa and on the African continent, whilst uplifting communities.



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