



GermanSolarZA

Africa solar container lithium battery energy storage project





Overview

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.

Who owns 153 MW & 612 MWh in South Africa?

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. It will be located in South Africa's Northern Cape Province and occupies a five-hectare site.

What is Globeleq's Cuamba solar-plus-storage project?

The project builds on Globeleq's growing portfolio of renewable assets across Africa, including the Cuamba solar-plus-storage plant in Mozambique, signaling a broader trend toward integrated, sustainable power systems.



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