



# South Africa Base Station Battery Project Construction

114KWh ESS



PICC  
SOUTH AFRICA

RoHS



MSDS

UN38.3

UK  
CA





## Overview

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On June 21 local time, during the Africa Energy Forum 2025, CEEC signed an Engineering, Procurement, and Construction contract with British independent power producer Globeleq for the Red Sand 153MW/612MWh Battery Energy Storage Project in South Africa — the largest. On June 21 local time, during the Africa Energy Forum 2025, CEEC signed an Engineering, Procurement, and Construction contract with British independent power producer Globeleq for the Red Sand 153MW/612MWh Battery Energy Storage Project in South Africa — the largest. On June 21 local time, during the Africa Energy Forum 2025, CEEC signed an Engineering, Procurement, and Construction contract with British independent power producer Globeleq for the Red Sand 153MW/612MWh Battery Energy Storage Project in South Africa — the largest single-site battery energy. Home » Energy » Africa's Largest Battery Energy Storage Project Red Sands Signed Off and Ready to Commence 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%. The Red Sands project is located in the Northern Cape, about 100km southeast of Upington, and will be the largest standalone battery energy storage system in Africa to reach financial close and start construction, and Globeleq's first large-scale BESS project in South Africa. Eskom officially opened the Hex BESS site at Worcester in the Western Cape yesterday. 4-billion in debt financing from Absa and Standard Bank. The project was selected as a preferred bidder in 2024. Ongoing capacity shortages and load shedding have plagued South Africa for most of the past ten years, caused by declining availability of its ageing coal fleet. Load shedding is the deliberate stoppage of electrical power supply by system operators as a preventive measure to maintain system.



## South Africa Base Station Battery Project Construction



### 153MW/612MWh! The largest single battery energy storage project ...

On September 25th local time, the kick-off meeting of the 153MW/612MWh battery energy storage system project in Red Sands, South Africa, the largest single cell battery energy storage power ...

### Africa's Largest Standalone Battery Energy Storage Power Station: South

Africa's largest 153MW/612MWh Red Sands BESS in South Africa begins construction, boosting grid stability and advancing renewable energy development.



### Africa's Largest Battery Energy Storage Project Red Sands Signed Off

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 ...



### Eskom unveils a first of its kind largest battery storage project in

Eskom officially opened the Hex BESS site at Worcester in the Western Cape yesterday. The Hex BESS is the first project to be completed under Eskom's flagship BESS project announced ...



## Utility-scale batteries in South Africa: Improving grid stability and

This project aims to decommission one of South Africa's oldest coal-fired power plants and replace it with 220 MW solar PV and wind power, as well as 150 MW battery storage. The funding comprises ...

## CEEC Signs Contract for Africa's Largest Single-site Battery Energy

It covers the construction of a battery energy storage system, step-up substation, switching station, substation, and associated transmission lines. The contract took effect immediately upon signing.



## [Visualizing Africa's Battery Storage Pipeline](#)

This visualization highlights Africa's battery storage pipeline, including projects that are operational, under construction, or in planning.

## Red Sands ESIPPPP Project



The Red Sands project is located in the Northern Cape, about 100km southeast of Upington, and will be the largest standalone battery energy storage system in Africa to reach financial close and start ...



## South Africa's largest standalone battery storage project advances to

The project was selected as a preferred bidder in 2024 following the first BESS public procurement bidding round, and is being developed by Globeleq in partnership with African Rainbow ...

## Red Sands battery project to start construction in Northern Cape

Construction is set to begin on Africa's largest standalone battery energy storage system (BESS) following financial close on the 153 MW Red Sands project in the Northern Cape.





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