

# South Africa Site Energy BESS Project

What is the Bess project?

The BESS project serves as a direct response to meet one of the urgent needs to address South Africa's long-running electricity crisis by adding more storage capacity to strengthen the grid while diversifying the existing generation energy mix. It uses large scale utility batteries with a total capacity of 1 440MWh per day and a 60MW PV capacity.

What does Bess stand for?

Energy Storage Firm Secures Order for Africa's Largest Standalone BESS On May 26, Sungrow and Globeleq, a leading independent power producer in Africa, proudly announced the signing of a Battery Energy Storage System (BESS) supply agreement and a 15-year long-term service term sheet for the 153MW /612MWh Red Sands BESS project in South Africa.

Is the Red Sands project Africa's largest Bess asset a commercial close?

Globeleq claims this makes the Red Sands project Africa's largest standalone BESS asset to have reached commercial close, highlighting the growing importance of battery storage in the region's energy transition.

What is the largest Bess project in South Africa?

Scatec's Kenhardt BESS project, the largest online in South Africa. Image: Scatec. The government of South Africa has secured nearly 1.7GW/11GWh of grid-scale BESS capacity via various procurement programmes, though questions have been raised around their integrity and deliverability.

The Red Sands BESS commercial close has been achieved by signing project agreements with the Department of Electricity and Energy and the National Transmission Company ...

Scatec's Kenhardt BESS project, the largest online in South Africa. Image: Scatec. The government of South Africa has secured nearly 1.7GW/11GWh of grid-scale BESS capacity via ...

CAPE TOWN, 27 June 2025: Globeleq, a leading independent power company in Africa, together with its project partner, African Rainbow Energy, announced that they have reached commercial close on ...

This landmark development is Eskom's first BESS project to be owned, operated, and maintained by Eskom itself, representing a R7.5 billion investment in South Africa's energy future. ...

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 store off ...

Upon completion, the Red Sands project will be Globeleq's first large-scale BESS project in South Africa where the group also owns and operates six solar photovoltaic plants and two wind ...

South Africa has announced the winners of the third window of the Battery Energy Storage Independent Power Producers Procurement Programme (BESIPPPP), where 616 MW of battery ...



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A Chinese green technology company has been contracted to supply battery energy storage systems (BESS) for the Oasis 1 cluster of projects in South Africa.

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