



The largest energy storage project in north africa





Overview

The project is situated in the Northern Cape and is the largest standalone BESS plant in Africa to reach commercial close. The project will span approximately five hectares and involves substantial upgrades to Eskom's and the NTCSA's grid infrastructure.

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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 the 153 MW/612 MWh Red Sands battery energy storage project (Red Sands BESS) in South Africa, by signing.

A snapshot of the battery energy storage landscape reveals contrasts, with a handful of nations leading a significant buildout of utility-scale battery energy storage systems (BESS) while others are just beginning to embrace the potential as storage prices continue to fall. ESS News is indebted to.

Designed to generate electricity for 10 hours per day through its four 250 MW turbine generators, the Drakensberg Pumped Storage Scheme is an energy storage facility, situated in the northern parts of the Drakensberg Mountain range of South Africa, which provides up to 27.6 GWh of electricity.

Globeleq, which is 30% owned by Norfund, has in partnership with African Rainbow Energy, announced the commercial close of the 153 MW/612 MWh Red Sands battery energy storage project (Red Sands BESS) in South Africa. From the signing event in Cape Town, June 2025. [Read the press release here](#) This.

Globeleq, an independent power company in Africa, has revealed that its South Africa Red Sands project has been awarded preferred bidder status The 153MW / 612MWh project, located in the Northern Cape, will become the largest standalone battery energy storage system (BESS) in Africa. After.

Mini grids remain the largest consumers of battery storage, accounting for 40% of



the market. However, as stationary battery capacity increases, larger buildings and industrial facilities will also integrate such systems, further accelerating demand. African consumers seeking home power storage.



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[Spotlight on Africa: A continent of contrasts in energy storage](#)

In Egypt, developer AMEA Power is building the country's first utility-scale standalone battery systems, part of a plan to add 1,500 MWh of storage to enhance grid ...

[Africa's largest battery energy storage project reaches ...](#)

"The Red Sands battery storage project's successful commercial close highlights the importance of international cooperation and public-private partnerships in tackling energy ...

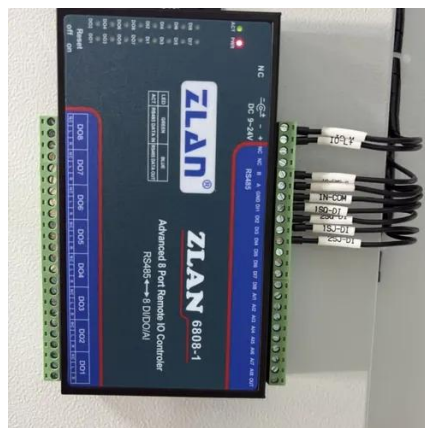


[Africa's growing energy storage capacity is key to energy self ...](#)

Megamillion Energy Group, a South African-based lithium-ion battery value-chain organisation, is building Africa's first large-scale manufacturer of lithium-ion cells and battery ...

[Globeleq's Red Sands Battery Energy Storage ...](#)

CAPE TOWN, 1 July 2025: Globeleq, a leading independent power company in Africa and its project partner, African Rainbow Energy, have reached ...



[Globeleq Preferred Bidder for Africa's Largest Energy Storage 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. The ...



[Largest standalone battery energy storage system in Africa ...](#)

Globeleq, an independent power company in Africa, has revealed that its South Africa Red Sands project has been awarded preferred bidder status. The 153MW / 612MWh ...



[South Africa's largest standalone battery storage project ...](#)

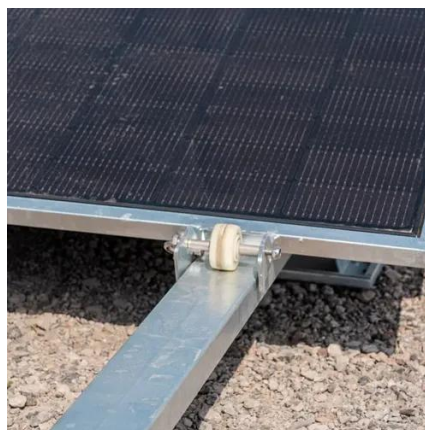
Africa's largest standalone battery energy storage system (BESS) project, the 153 MW/ 612 MWh Red Sands project in the Northern Cape, has reached financial close, having ...



[What does Africa's BESS landscape look like?](#)



The largest of these projects is the Northern Cape Province, South Africa, solar and storage project with a 1.14GWh capacity. This is ...



[Africa BESS: financial close for 1 GWh, 300 MWh ...](#)

Three South African battery energy storage systems (BESS) projects totaling almost 1.03 GWh of storage have achieved financial ...

[Africa's Largest Standalone Battery Energy ...](#)

"The Red Sands battery storage project's successful commercial close highlights the importance of international cooperation and public-private ...



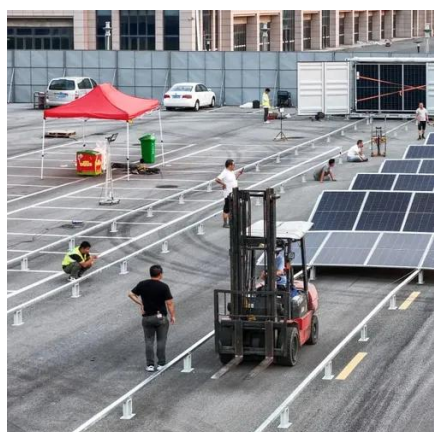
[Africa's Largest Standalone Battery Storage Project Seals ...](#)

On 27 June 2025, Globeleq, in partnership with African Rainbow Energy, formally reached commercial close on the Red Sands battery energy storage project, a 153 MW / 612 MWh ...

[Africa s largest energy storage project](#)



As the largest mine microgrid project in Africa, Zambia's Ruida mine project is equipped with photovoltaic system, a backup diesel generator system, and PotisEdge energy storage system ...



[Top Renewable Energy Projects to Watch in Africa ...](#)

As one of the largest solar energy projects in Africa, the \$3.6 billion Tafouk 1 Mega Solar Project, is set to play a crucial role in Algeria's ...

[Africa's Largest Standalone Battery Energy ...](#)

The project is situated in the Northern Cape and is the largest standalone BESS plant in Africa to reach commercial close. The project will span ...



[153MW/612MWh! CALB Zhijiu Battery Powers the Largest ...](#)

For this project, CALB deployed its globally mass-produced, next-generation 314Ah Gen2.0 ultra-long cycle energy storage cell, based on its proprietary "Zhijiu" battery ...



Standard 20ft containers



Standard 40ft containers

[South Africa's largest standalone battery storage ...](#)



Africa's largest standalone battery energy storage system (BESS) project, the 153 MW/ 612 MWh Red Sands project in the Northern ...



[Leveraging Battery Energy Storage Systems \(BESS\) in shaping Africa...](#)

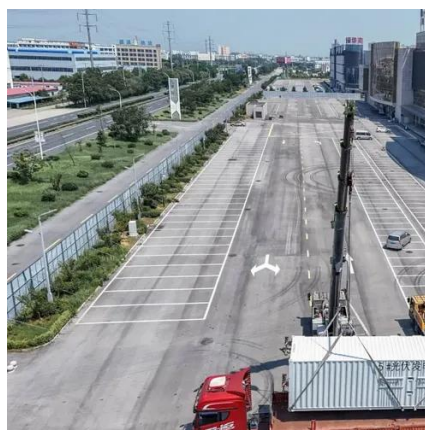
Each system can contribute uniquely to Africa's diverse energy storage needs. Africa's potential for local battery manufacturing is substantial due to its natural resource ...



2MW / 5MWh
Customizable

[Sungrow and Globelec Sign Term Sheet for the ...](#)

The Red Sands BESS project is part of South Africa's inaugural Battery Energy Storage Independent Power Producer ...



[Africa's Largest Standalone Battery Energy Storage Project ...](#)

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[Spotlight on Africa: A continent of contrasts in ...](#)



In Egypt, developer AMEA Power is building the country's first utility-scale standalone battery systems, part of a plan to add 1,500 MWh ...



[Top 5 Largest Energy Storage Projects in Africa](#)

Situated in the South African town of Bokpoort in the Northern Cape province, the 50 MW CSP plant, with an output capacity of 200 ...

[Top 5 Largest Energy Storage Projects in Africa](#)

Situated in the South African town of Bokpoort in the Northern Cape province, the 50 MW CSP plant, with an output capacity of 200 GWh per year, uses a 1.3 GWh molten salt ...



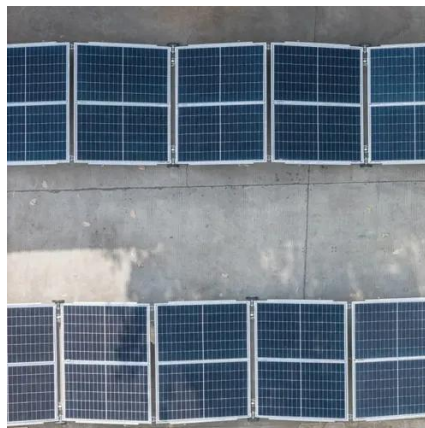
[Projects Transforming North Africa's Energy ...](#)

Countries in North Africa - including Egypt, Algeria, Morocco and Tunisia - are advancing cooperation with global partners to advance ...

[Top 5 Largest Energy Storage Projects in Africa](#)



With acute power shortages impacting the African continent, energy storage is emerging as a key solution to support national grids.



[AFRICA'S LARGEST STANDALONE BATTERY ...](#)

/PRNewswire/ -- Globeleq, a leading independent power company in Africa, together with its project partner, African Rainbow ...

[Africa's largest battery energy storage project ...](#)

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[What does Africa's BESS landscape look like?](#)



The largest of these projects is the Northern Cape Province, South Africa, solar and storage project with a 1.14GWh capacity. This is far bigger than the other operational ...



[EDF in financial close for Oasis BESS projects in ...](#)

EDF has secured financial close for the second and third of a three-project BESS portfolio in South Africa, totalling over 1GWh.

[Large-scale solar, battery storage hybrid starts ...](#)

The project, located in the town of Kenhardt in Northern Cape province, has been billed as one of the world's largest hybrid solar and ...





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