



# The largest energy storage project in East Africa is





## Overview

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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.

Across Africa, there are currently approximately 2,902 MWh of battery capacity supporting renewable energy projects, namely solar PV parks. This development is very much clustered in certain locations, and there are small but heavy concentrations of solar capacity in a few regions, with South.

The energy storage market in East Africa is currently undergoing a significant transformation, emerging as a critical component of the region's energy transition and economic development strategy. Driven by a confluence of factors including robust demand from the mining sector, the rapid expansion.

CAPE TOWN, 27 June 2025: GlobeEq, 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.



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

The Noor I CSP plant features a full-load molten salt storage capacity of three hours, while the Noor II and III CSP plants are able to store energy for up to seven hours each, thus ...

### **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 ...



### [Kenya: Battery Energy Storage System Project - USTDA](#)

The BESS project has been identified as a possible solution to increased proportion of intermittent energy to the Kenyan power system and energy curtailment during off peak hours.

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

The largest of these projects is the Northern Cape Province, Kenhardt solar and storage project with a 1.14GWh capacity. This is far larger than the

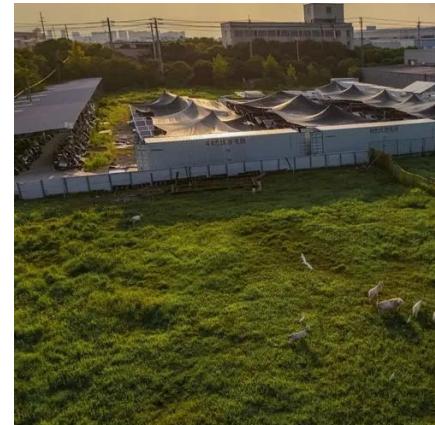


other operational projects ...



### [AMEA Power picks Trinasolar to supply BESS for ...](#)

The project for AMEA Power marks Trinasolar's first energy storage project in the Middle East and Africa region. To date, Trina ...



### **AMEA Power picks Trinasolar to supply BESS for Africa's largest ...**

The project for AMEA Power marks Trinasolar's first energy storage project in the Middle East and Africa region. To date, Trina Storage has delivered several gigawatt-hours of ...



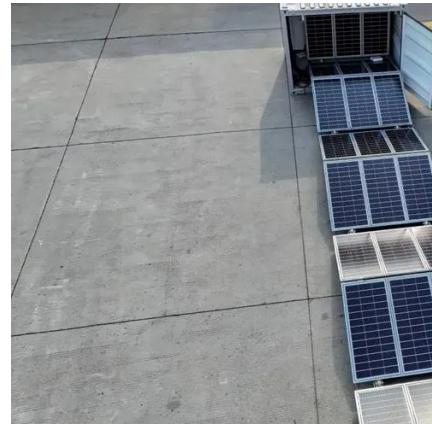
### [East Africa Energy Storage: Market Growth & Key Trends 2025](#)

This report provides a comprehensive overview of the current status of the energy storage market in East Africa, highlighting key market drivers, technological advancements, ...



## **JA Solar Signs 1.25GW Module Deal with CEEC to Supply Africa's Largest**

The agreement secures JA Solar as the exclusive supplier of high-efficiency n-type photovoltaic (PV) modules for the Abydos Phase II 1GW+600MWh PV-Storage Project, the ...



## **Africa's Largest Standalone Battery Energy Storage Project ...**



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 ...

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

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## **Kenya to Implement 100MW battery Energy Storage System Project**

KenGen is the leading electric power generating company in Kenya, generating 1904MW, which represents a market share of 65% of the nation's installed capacity, making ...



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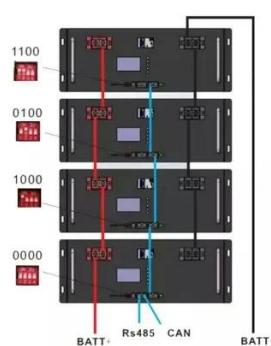
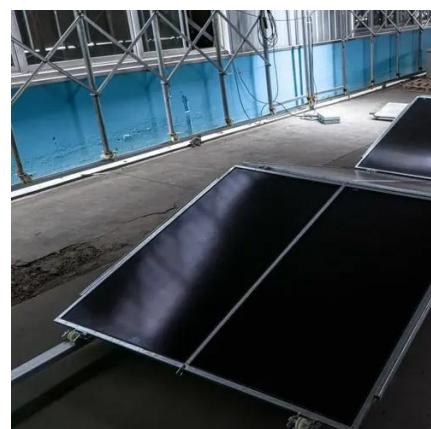


## [Visualising Africa's Battery Storage Pipeline](#)

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

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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 ...



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## Contact Us

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