

## SolarInvert Energy Solutions

# The latest energy storage policy for power stations in Africa



## Overview

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The Solar Africa Solar Outlook 2025 details that energy storage has become a critical complement to variable renewable energy (VRE) generation such as solar PV, with the trade body indicating that developers are increasingly looking to co-locate battery energy storage systems (BESS) with renewable energy power plants. Are energy storage boom times extending to Africa?

Boom times for energy storage have extended to the continent of Africa, with a 10-fold increase in installed storage supporting grids and renewable energy penetration.

Does Scatec have a solar-plus-storage site in South Africa?

Scatec's Kenhardt solar-plus-storage site in South Africa (above), which went online at the end of 2023. Image: Scatec. Africa's energy storage market has seen a boom since 2017, having risen from just 31MWh to 1,600MWh in 2024, according to trade body AFSIA Solar's latest report.

How many GWh of storage projects are being built in Africa?

AFSIA said similar projects have also been launched in Senegal, Malawi, Botswana, Tanzania, Namibia and Mauritius, for a total of 500 MW plus. In total, AFSIA says around 18GWh of storage projects are under development across Africa. Tristan is an Electrical Engineer with experience in consulting and public sector works in plant procurement.

How has energy storage changed in 2022?

This has resulted in an increase in energy storage levels in recent years. In 2022, the continent had around 50MWh of energy storage capacity installed. Since then, energy storage capacity tripled in 2023 and then experienced another 10-fold increase in 2024. Image: AFSIA Solar.

What are the most popular solar-plus-storage developments in Africa?

As noted by AFSIA Solar, one of the most notable solar-plus-storage

developments in Africa is Norway-based independent power producer (IPP) Scatec's 225MW/1,140MWh Kenhardt project in South Africa. The site started operation in late 2023 (pictured above).

How much power does afsia have?

AFSIA recorded annual capacity stalled at just around 50 MWh until 2022, which tripled in 2023 to over 150 MWh. In 2024, an estimated 1,500 MWh was installed across African nations.

## The latest energy storage policy for power stations in Africa



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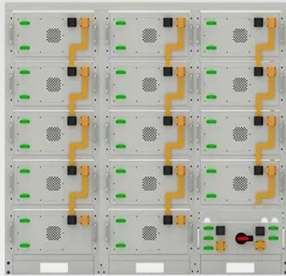
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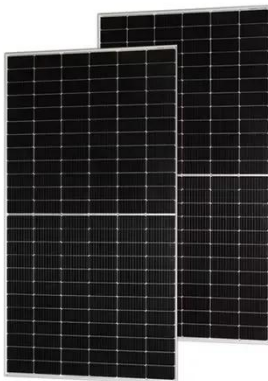
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