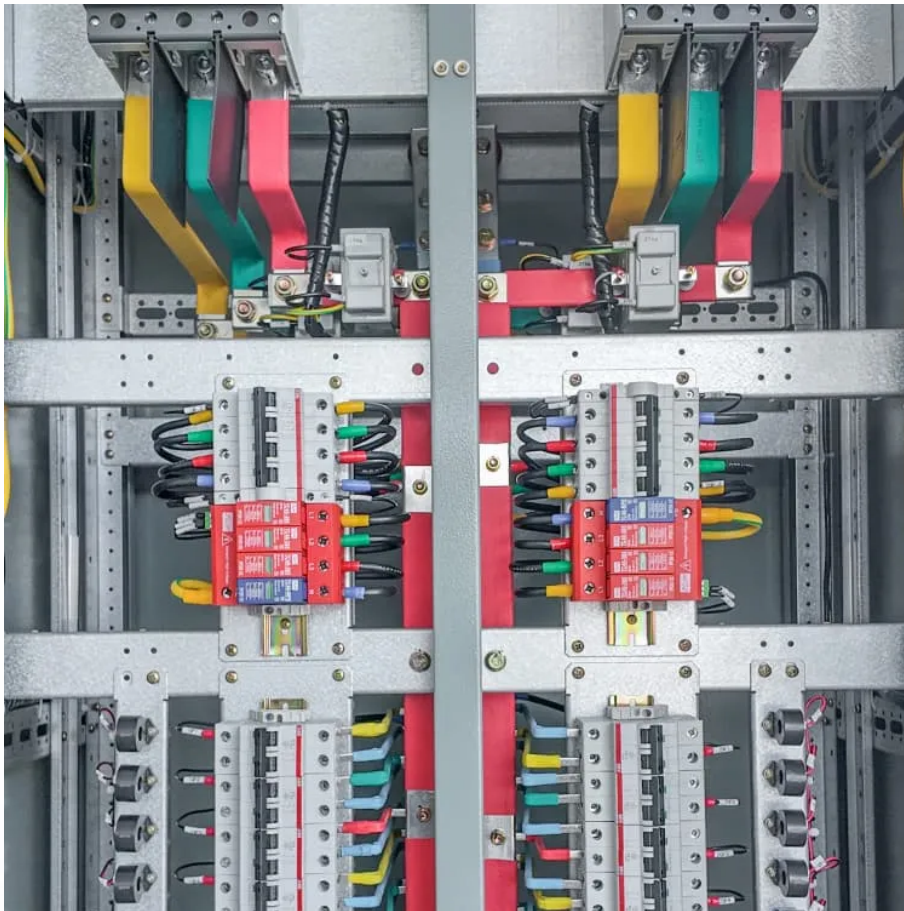


A-Core Container

Energy Storage in North Africa



Overview

Why is BTM energy Storage important in Africa?

BTM energy storage is becoming increasingly important in the African market as grid instability and falling cell prices pushes consumers towards installing storage. In South Africa, Eskom, the country's main electricity utility, registered 69 days of load shedding in 2024, leading to widespread power shortages.

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.

What is the average size of storage projects in Africa?

The average size of these projects sits a ~0.26GWh, a large increase from the projects currently operational. This largely reflects the direction in which the storage market is moving more generally, with larger cell sizes allowing system sizes to increase. Have you read?

What does the future hold for storage in Africa?

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Where does North Africa Invest in renewables?

So far, most of the investments are concentrated in Morocco and Egypt. Contrary to the global trend in the period of 2013-2020 which shows private sector financing as the primary source of funding for renewables development, North Africa sees public finance play a far more important role.

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.

How can energy storage help fill the short-term supply gap?

The report notes this initiative, which is described as a means to fill the short-term supply gap, alleviate the electricity supply constraints, and reduce the extensive utilisation of diesel-based peaking electrical generators. Several initiatives and drivers for energy storage have also been introduced to African countries.

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