East Africa Energy Storage Policy Project

Overview

This report provides a comprehensive overview of the current status of the energy storage market in East Africa, highlighting key market drivers, technological advancements, regional project developments, and future trends. The Energy Transition Strategy and Action Plan (ETSAP) is a continental framework developed by the African Energy Commission of the African Union as a guiding framework for Africa's transition to a sustainable, low-carbon energy future by 2063. ETSAP is based on the African Common Position on. Recent analysis suggests the true potential of solar in Africa has long been underestimated, with global manufacturers increasingly positioning the continent as the next major growth market. Nowhere is this shift more evident than in energy storage. Countries like Kenya, Tanzania, Ethiopia, and Uganda are leading the charge, with both grid-scale and decentralized solutions gaining. ilable for download on: www. The report delves into what has limited its growth, and the necessary steps to foster investments and dep ons across the different countries within the area. The project includes large-scale utility batteries with a da ly capacity of 1,440 MWh and 60 MW of solar PV.

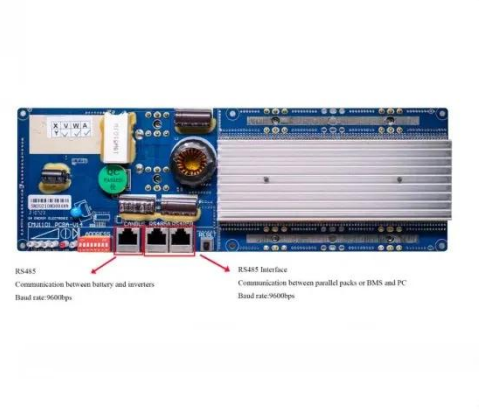
East Africa Energy Storage Policy Project

Africa's growing energy storage capacity is key to energy self-sufficiency

Off-grid energy solutions, powered by battery storage technology, present the most viable path to universal access. The adoption of renewable energy storage systems is a primary driver for ...

ENERGY Energy Storage is the key to energy access in East Africa

Pumped hydro dams are prominently used as energy storage in East Africa, but that is changing with the increase in renewable energy and battery energy storage systems.



East African Energy Storage Projects: Locations, Trends, and Key

East Africa is rapidly emerging as a hotspot for energy storage projects, driven by growing electricity demand and the need to stabilize renewable energy grids.

Intersolar Africa 2026 to Position Nairobi as East Africa's Key Hub for

East Africa is emerging as one of the world's most dynamic regions for solar power and battery storage. On 3-4 February 2026, Intersolar Africa will take pla

Mr. Wale Shonibare, Director, Ener y Financial

Discuss the regulatory gaps, challenges and opportunities associated with integrating energy storage into national grids. Explore policy frameworks, market incentives, business models and technical ...

A challenging transition: exploring East Africa's A challenging

Slow integration process for the energy sector at a regional level, even though both the East African Community and the Eastern Africa Power Pool set ambitious targets.

The African Energy Transition Strategy and Action Plan

Covering seven key energy subsectors and structured around six strategic pillars, the ETSAP provides AU Member States with a flexible roadmap for the domestication of decarbonization pathways.

'Energy storage boom' in Africa from 31MWh in 2017 to 1,600MWh in ...

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.

Energy & Storage Industry Insights Volume 2026

The Energy & Storage Industry Insights Volume 5 2026 will explore what this shift means for Africa's power markets. Drawing on the latest research, including analysis of fully dispatchable ...

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, regional project ...

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