

SolarTech Power Solutions

New energy storage project construction in West Africa



Overview

Originally announced in November 2024, the NEA Kolda project is set to become West Africa's largest solar-plus-storage complex. In April 2025, AXIAN awarded the engineering, procurement, and construction (EPC) contract to Voltalia and Entech Smart Energies.

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The West African nation, where over 60% of the population have access to electricity—one of the highest in the sub region—aims to achieve universal energy access by 2030. Senegal has begun commercial operations at a new solar energy facility that combines photovoltaic power with lithium-ion battery.

Renewable energy company Africa REN has started construction of the Walo Storage project - a lithium-ion battery energy storage system situated in northern Senegal. The \$34.8 million project is funded by Dutch development bank FMO and the Emerging Africa Infrastructure Fund (EAIF) through.

Dakar, Senegal, July 16, 2024 - Africa REN, a leading developer of renewable energy projects in sub-Saharan Africa, announces the commencement of construction of Walo Storage, an innovative lithium battery energy storage unit. Located in Bokhol, Senegal, Walo Storage is the first battery storage.

The project has been touted by the developer as the first solar PV facility in the region to be combined with lithium-ion battery storage. Described as a first for West Africa, a solar PV installation with battery storage project dedicated to frequency regulation has been commissioned in Senegal.

AXIAN Energy has commenced construction of the NEA Kolda project, a large-scale solar and battery storage facility aimed at advancing Senegal's renewable energy objectives. Launched on May 22 in the southern Kolda region, the hybrid plant will generate 60 megawatts of solar power and store

up to 72.

99 energy storage projects sprouting across West Africa like baobab trees in the savanna. Why?

Because the region's energy landscape is shifting faster than Sahara sands in a harmattan wind. With a global energy storage market valued at \$33 billion annually [1], West Africa isn't just joining the.

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