

# Senegal Energy Storage Project





## Overview

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Is a solar energy project in Senegal the biggest in West Africa?

Work on a solar energy and battery storage project in Senegal, touted to be the biggest in West Africa once it goes live, is set to begin next month after an EPC (Engineering, Procurement and Construction) contract for its development was recently signed. The Kolda project will encompass a 60MWp PV solar plant coupled with a 90MWh storage system.

When will a battery energy storage system start in Senegal?

Construction of the battery energy storage system is expected to commence in early 2024 at the Tobène substation in Thies and is expected to become operational in 2025. Once complete, it will be one of the largest of its kind in West Africa, and will help Senegal to avoid approximately 37,000 tonnes of carbon dioxide emissions each year.

Why is battery storage important in Senegal?

Battery storage offers incredible opportunities for Senegal to reap the benefits of renewables, while ensuring people get a secure, reliable supply of energy. We are excited to begin a promising new chapter in Senegal and further strengthen our work in the renewable energy sector.”.

When will a solar power plant be built in Senegal?

“This agreement paves the way for the construction to begin in May 2025, with the deployment of a 60MWp photovoltaic plant coupled with a 90MWh storage system.” Voltalia is to supply the PV infrastructure for the solar power plant, which will operate on Senegal’s national grid managed by SENELEC.



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[Walo Storage project in Senegal commissioned](#)

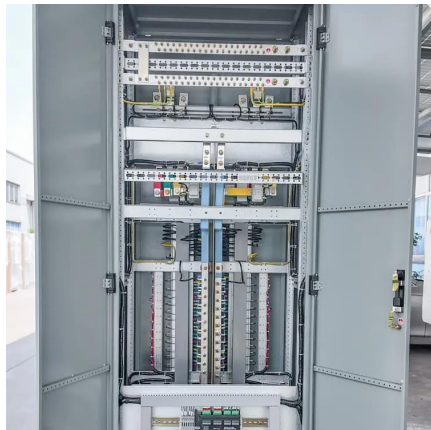
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### [Africa REN launches 16 MW hybrid project in Senegal](#)

Aug 11, 2025 · Senegal's first solar-plus-storage plant, built by Africa REN in Bokhol, combined 16 MW solar and 10 MW / 20 MWh storage for grid stability.



### **Africa REN commissions 20MW solar-plus-storage plant in Senegal**

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### **Senegal Unveils West Africa's First Solar-Battery Facility To**

Aug 8, 2025 · Senegal has begun commercial operations at a new solar energy facility that combines photovoltaic power with lithium-ion battery storage, the first of its kind in West Africa, ...



## Walo Storage

2 days ago · Characteristics of the project Project : 10MW / 20MWh Battery storage + 16 MW of solar energy Location : Bokhol, Senegal Batteries: Lithium-ion Technologies : Monocrystalline ...



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