

# Senegal solar 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 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.

How can solar power plants benefit Senegal?

The project estimates that more than 400 jobs in the towns benefit from the existence of the new solar power plants in Senegal. Because Senegal mainly relies on imported oil for electricity, solar power plants offer a more reliable and sustainable green energy source that costs less.

How many solar plants are there in Senegal?

Manantali has an installed capacity of 200 MW dispatched as follows: 52% for Mali, 15% for Mauritania and 33% for Senegal (66 MW). As of 2019, Five solar plants have been opened in Senegal: Senergy (30 MW), Ten Merina (30 MW), Malicounda (22 MW) and two 20 MW capacity plants operated by Engie.



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[AXIAN Begins Construction of 60 MW Solar and Storage Plant in Senegal](#)

May 23, 2025 · On May 22, AXIAN Energy announced the start of work on the NEA Kolda solar project, located in the Kolda region of southern Senegal. The plant will feature 60 MW of ...



### [Senegal: EPC contract will see May start for solar, BESS project](#)

Apr 23, 2025 · 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 was awarded to a consortium led by Axian Energy, Voltalia, and Entech.



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Aug 11, 2025 · Senegal and sustainable infrastructure developer Africa REN have commissioned the Walo Storage facility in Bokhol, marking the first large-scale battery storage project in the country.



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Apr 23, 2025 · Axian Energy, Voltalia, and Entech have announced the signing of an EPC (Engineering, Procurement, and Construction) contract for the Walo Solar-Plus project, a 100MW solar and battery storage facility in Senegal.







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### [Walo Storage project in Senegal commissioned](#)

Aug 12, 2025 · Independent power producer Africa REN has officially commissioned the Walo Storage project in Bokhol, Dagana department, northern Senegal. This marks the first solar PV ...



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## 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 ...



## [Axian Energy Secures EUR84M for Senegal Solar & Storage Project](#)

Nov 14, 2024 · Axian Energy's new EUR84M project in Kolda, Senegal combines a 60 MW solar plant with 72 MWh battery storage. Launching in 2026, it will power 235,000 people.

## [Africa REN commissions 20MW solar-plus-storage plant in Senegal](#)

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