

Senegal Wind and Solar Storage Society





Overview

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.

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.

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.”



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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.

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, ...

Africa REN Commissions Senegal's First Solar-Plus-Storage ...

Aug 7, 2025 · The project, named Walo Storage, represents the first solar-plus-storage facility in West Africa dedicated to frequency regulation. It officially entered commercial operation on ...

Renewable Energy Investments in Senegal: Opportunities ...

Apr 14, 2025 · These developments align with Senegal's commitment to achieving 30% of its energy from renewable sources by 2025, demonstrating the pivotal role solar energy plays in ...

Axian, Voltalia, and Entech Partner on Landmark Solar-BESS ...

Dec 1, 2025 · The project aims to "support Senegal's ambitions in terms of sustainable energy and access to electricity, a major development challenge," through storage solutions that ...

Walo Storage project in Senegal commissioned

Aug 12, 2025 · The commissioning follows recent renewable energy announcements in Senegal, including Axian Energy's planned 60 MW/72 MWh solar-plus-storage project in the south and ...

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

Aug 14, 2025 · Africa REN, has commissioned a 20MW of solar PVpower plant with a 10MW/20MWh battery energy storage system (BESS) in Senegal.

Infinity Power seals 20-year agreement with Senelec to ...

Nov 4, 2023 · Infinity Power and Senelec have signed a 20-year Capacity Change Agreement (CCA) to provide 160MWh through a battery energy storage system (BESS) The project will ...

Solar + storage project leads the way in Senegal, West Africa

Aug 12, 2025 · The installation facilitates the increasing integration of solar energy while avoiding the emission of 26,600 tons of CO2 annually - the equivalent of the yearly emissions of more ...

Axian, Voltalia, and Entech Partner on ...

Dec 1, 2025 · The project aims to "support Senegal's ambitions in terms of sustainable energy



and access to electricity, a major development ...

Utility-scale solar PV and wind in Senegal: Overcoming ...

Nov 30, 2025 · Direct negotiation has been the most common form to award IPP contracts in Senegal, though a few projects have been awarded through competitive tendering as well. ...

Senegal: EPC contract will see May start for solar, BESS ...

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, ...

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