



WALMER ENERGY

Senegal 100MW energy storage project





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.

Which energy company is building a lithium ion battery storage system in Senegal?

Renewable energy company Africa REN has started construction of the Walo Storage project – a lithium-ion battery energy storage system situated in northern Senegal.

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.”



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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, ...

Construction Starts at Walo Storage Project in Senegal

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Senegal SENELEC , 150MW

Nov 18, 2025 · Outcome Satisfied with APR Energy's performance in delivering, maintaining, and operating the first site, Senelec subsequently exercised its option for an additional 100MW. ...

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 ...

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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 ...

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

Aug 12, 2025 · Described as a first for West Africa, a solar PV installation with battery storage project dedicated to frequency regulation has been commissioned in Senegal. The Walo ...

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.

Senegal switches on inaugural solar-plus-storage facility



Aug 7, 2025 · The Walo Storage project is the first solar installation in West Africa to include energy storage dedicated to frequency regulation. The project has a solar capacity of 16 MW ...

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AXIAN Energy Breaks Ground on West Africa's Largest Solar-Storage

Dec 1, 2025 · 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 ...

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