



BUHLE POWER

Senegal Electric solar container lithium battery Energy Storage Project





Overview

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.”.

What is Senelec's 'PETN N'Diaye' project?

The system will enable Senelec to stabilise the nation's electricity grid and pave the way for further renewable energy growth in Senegal. The project will be operated by Infinity Power's Parc Eolien Taiba N'Diaye (PETN) windfarm, located approximately 70km north of Dakar.

Where is a Bess project being built in Senegal?

The BESS is to be built at the Tobène substation in Thies, Senegal. It will be operated by Infinity Power's 158.7 MW wind farm in Senegal, Parc Eolien Taiba N'Diaye (PETN)



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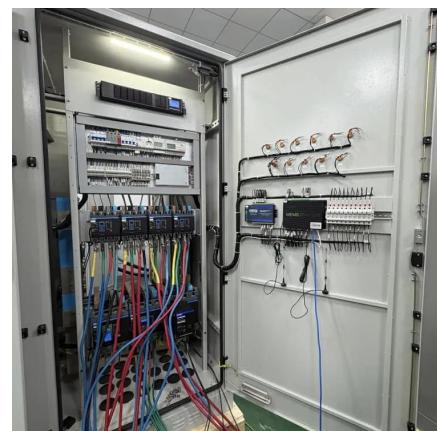


[Senegal, Africa REN Launch Walo Solar-Plus-Storage Facility](#)

Aug 11, 2025 · Senegal and sustainable infrastructure developer Africa REN have commissioned the Walo Storage facility in Bokhol, marking the first grid-connected solar-plus-battery ...

[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 ...



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 ...

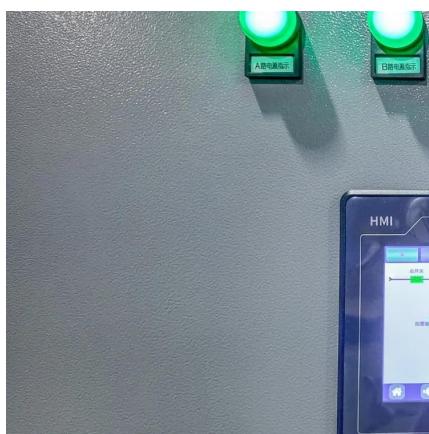
[Voltaia, Entech to Develop Solar-Storage Project in Senegal](#)

Apr 22, 2025 · Energy Storage Integration: The inclusion of battery storage will enhance grid stability and reliability, allowing for better management of energy supply and demand. ...



[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 ...



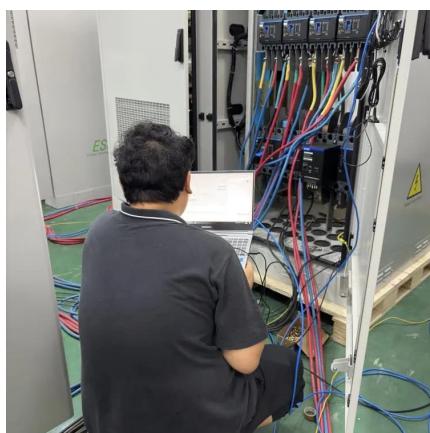
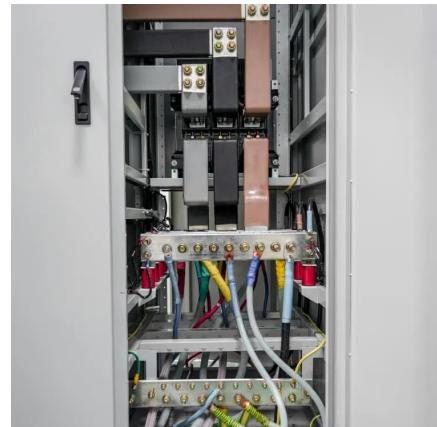
[Senegal Unveils West Africa's First Solar-Battery Facility To](#)

Aug 8, 2025 · 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 ...



[Senegal, Africa REN Launch Walo Solar-Plus ...](#)

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With the Launch of Walo Storage, a New Era Begins for Senegal's Energy

Dakar, Senegal, August 7, 2025 - Just one year after laying the foundation stone, Africa REN announces the commercial commissioning of Walo Storage, the first photovoltaic facility in ...

[Batteries for the first Senegal ancillary services project](#)

Jun 29, 2023 · Senegal, Bokhol: Batteries adding reserves into a Senegal solar plant to become the first ancillary services project in Senegal The Walo storage project will consist of a 10 MW / ...



[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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