



GermanSolarZA

Senegal's latest energy storage power station





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.

Will Senegal be a low cost producer of electricity?

Expected to be one of the lowest cost producers of electricity in Senegal, the project is helping reduce the cost of electricity generation in the country, which has one of the highest generation costs in Sub-Saharan Africa. About Infinity Power Infinity Power is Africa's largest pure play renewable energy provider.

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).

How will Senelec save the grid?

The BESS will support Senelec in reducing its dependence on reserve capacity derived from thermal plants, with Senelec estimating that the BESS will save the grid an estimated \$165 million over its operating life.



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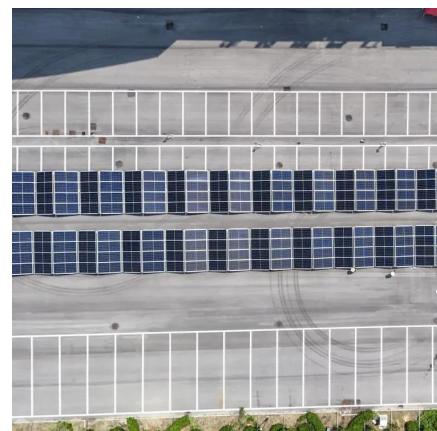
Jinko ESS, a subsidiary of Jinko Solar Co Ltd, has secured a 15 MWh order for its SunGiga energy storage systems in Senegal, marking a significant step in expanding access ...

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[Infinity Power seals 20-year agreement with Senelec to ...](#)

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 ...

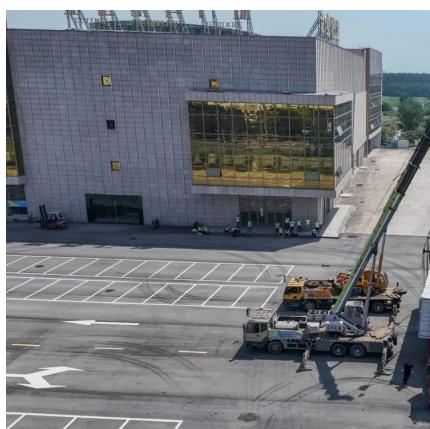
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[Senegal Unveils West Africa's First Solar-Battery Facility To](#)

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 ...

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[A New Era for Senegal's Energy Landscape - BulBat](#)

Ultimately, Walo Storage represents a new era for Senegal's energy landscape, one that is marked by a commitment to sustainability, innovation, and the advancement of ...

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[15MWh of Energy Storage Lights Up West Africa](#)

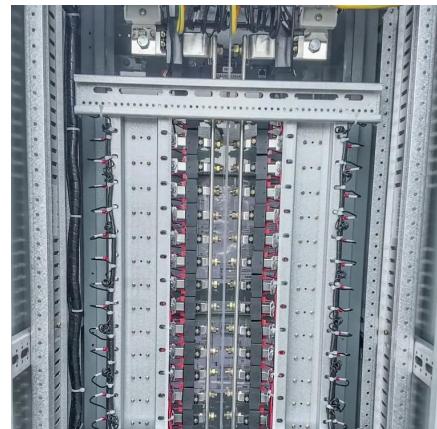
This guarantees continuous and reliable power delivery, providing long-term energy security for the villages. "The Senegal project marks an important milestone in our ...

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[Impressive Jinko ESS Senegal Project Powers Villages](#)

Senegal has taken a monumental step towards achieving universal access to electricity with the successful deployment of JinkoSolar's Energy Storage System (ESS). In a ...

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[Press Release With the Launch of Walo Storage, a New ...](#)

With the Launch of Walo Storage, a New Era Begins for Senegal's Energy Sector Commissioned on July 14, 2025, in Bokhol, Walo Storage is the first solar power facility in ...

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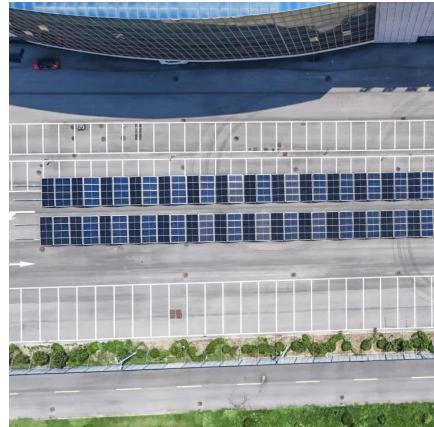


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[Walo Storage project in Senegal commissioned](#)

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

Independent power producer, Africa REN, has commissioned a 20MW of solar PV power plant with a 10MW/20MWh battery energy storage system (BESS) in Senegal. Named ...

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