

## PEES Power Systems

# Senegal Energy Storage Power Generation Project



## Overview

---

Senegal has begun commercial operations at a new solar energy facility that combines photovoltaic power with lithium-ion battery storage, the first of its kind in West Africa, as the country of over 18 million people moves to strengthen its electricity grid. 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 2030. Delivered on time, the Bokhol site is already connected to Senelec's grid our energy delivery, Walo Storage marks a major. As Senegal advances its clean energy ambitions, the upcoming MSGBC Oil, Gas & Power conference - taking place in Dakar from December 9-10 - will provide a critical platform to accelerate the region's just energy transition. Uniting regional leaders, investors and policymakers, this year's event. 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. The nation's commitment to sustainable development and renewable energy sources has led to the establishment of a pioneering hybrid energy facility in northern Senegal, marking a.

## Senegal Energy Storage Power Generation Project

---



### Press Release With the Launch of Walo Storage, a New Era ...

designed for frequency regulation and to meet local energy needs in the event of grid loss. Delivered on time, the Bokhol site is already connected to Senelec's grid

---

### A New Era for Senegal's Energy Landscape - BulBat

By combining photovoltaic generation with lithium-ion batteries, the facility delivers 13 MW of power for frequency support and emergency supply. This technology not only enhances grid ...



### Africa REN commissions Senegal's first grid stability battery storage

Africa REN has commissioned the 10 MW 20 MWh Walo Storage battery energy storage system in Bokhol in northern Senegal, marking a regional milestone for grid stability and renewable ...

## Senegal Inaugurates Walo Storage: West Africa's First Grid-Forming

Senegal has officially inaugurated the "Walo Storage" plant in Bokhol (Saint-Louis Region) on Janu. This marks a technological milestone as West Africa's first large-scale ...



## Senegal Unveils West Africa's First Solar-Battery Facility To

Senegal has begun commercial operations at a new solar energy facility that combines photovoltaic power with lithium-ion battery storage, the first of its kind in West Africa, as the country ...

## Senegal inaugurates solar power plant with battery storage in Saint

Senegal has inaugurated a solar power plant equipped with battery storage in the northern Saint-Louis region, marking a milestone in the country's efforts to strengthen grid stability ...



## Africa REN launches 16 MW hybrid project in Senegal

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.



## 5 Projects Powering Senegal's Energy Transition

The project aims to enhance grid reliability, expand clean energy access and support Senegal's sustainable energy transition. Construction on the project began in May 2025, with ...

- LiFePO<sub>4</sub> Battery, safety*
- Wide temperature: -20~55°C*
- Modular design, easy to expand*
- The heating function is optional*
- Intelligent BMS*
- Cycle Life:> 6000*
- Warranty:10 years*



## 60MW Battery Energy Storage System in Progress in Senegal

Axian Energy is developing the Kolda solar project in southern Senegal, scheduled for completion in 2026. The 60 MW system will supply power to about 235,000 people in underserved ...

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

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 ...



---

## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://peregrine-energy.co.za>

