

## Kongres Container

# Senegal wall-mounted energy storage battery series



## Overview

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The lithium-ion battery energy storage unit is the first battery-storage project in West Africa dedicated to frequency regulation and is designed to stabilize Senegal's grid and reduce blackouts. 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.”.

What is a lithium-ion battery energy storage unit?

The lithium-ion battery energy storage unit is the first battery-storage project in West Africa dedicated to frequency regulation and is designed to stabilize Senegal's grid and reduce blackouts.

What is battery storage?

Battery storage is technically and economically more competitive than conventional spinning reserve technologies. Combining photovoltaic solar with a storage system is a unique solution to meet the current and future needs of

the grid. In order to complement and intensify our local impact, Walo Storage is committed to :

Who is constructing the energy storage unit?

The project is being fully developed by Africa REN while construction of the storage unit will be carried out by engineering company Eiffage Energie Systèmes RMT.

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