

## PDEOZE PowerContainer

# Senegal Valley Power Energy Storage Equipment Manufacturer



## Overview

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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.”.

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.

How will West Africa benefit from a solar power plant?

Furthermore, the project will include the construction of small solar photovoltaic plants, injecting 16 MW of solar energy into the grid while mitigating approximately 26,000 tons of CO2 emissions per year. The \$34.8 million battery-storage project serves as the first of its kind in West Africa.

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.

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