

A-Core Container

West Africa energy storage lithium battery customization



Overview

Should Africa develop a lithium-ion battery plant?

Naicker says it is important to develop a local lithium-ion battery plant, as all lithium-ion batteries used in Africa are currently imported from mega-factories in the northern hemisphere. In fact, he believes there is an “arms-like race” to establish battery production in the northern hemisphere, but with no plans to do the same in Africa.

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.

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.

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.

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 much money is being spent on Africa's new infrastructure project?

The \$34.8 million project is funded by Dutch development bank FMO and the Emerging Africa Infrastructure Fund (EAIF) through investment management company Ninety One and is expected to start operations in 12 months.

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