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Senegal Energy Storage Enterprise



Overview

Dakar, Senegal, August 7, 2025 – Just one year after laying the foundation stone, Africa REN announces the commercial commissioning of Walo Storage, the first photovoltaic facility in West Africa combined with lithium-ion battery storage, designed for frequency regulation and to meet local energy needs in the event of grid loss. Does Senegal have a battery energy storage project?

The national electric utility of Senegal, Senelec, has signed a 20-year CCA with Infinity Power for a battery energy storage project.

Is a solar energy project in Senegal the biggest in West Africa?

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 Construction) contract for its development was recently signed. The Kolda project will encompass a 60MWp PV solar plant coupled with a 90MWh storage system.

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 Senegal's energy strategy?

“Senegal’s energy strategy prioritises mobilising \$2 billion in private investments. Recognising that achieving universal access cannot rely solely on public resources, the approach leverages private sector innovation and efficiency to meet ambitious targets,” said the World Bank.

Is Senegal achieving universal energy access?

With a national electricity access rate of 84%, Senegal is making progress towards universal energy access, yet more than 30% of rural communities

remain disconnected from the grid.

What is axian energy doing in Senegal?

Last November, Axian Energy confirmed that it closed a €84 million (around \$89m) financing deal for the project set to provide clean, reliable energy for more than 230,000 people (or 25,000 households) in Senegal's Kolda in the Casamance region in the south of the country. Axian Energy said the project is scheduled to be completed by 2026.

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