

Senegal New Energy Storage Project Construction Implementation Plan

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.

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.

When will a solar power plant be built in Senegal?

"This agreement paves the way for the construction to begin in May 2025, with the deployment of a 60MWp photovoltaic plant coupled with a 90MWh storage system." Voltalia is to supply the PV infrastructure for the solar power plant, which will operate on Senegal's national grid managed by SENELEC.

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.

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EAAIF/PIDG. Dakar, Senegal, August 6, 2025 - Just one year after laying the foundation stone, Africa REN announces the commercial commissioning of Walo Storage, the first photovoltaic ...

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 ...

Infinity Power and Senelec have signed a 20-year Capacity Change Agreement (CCA) to provide 160MWh through a battery energy storage system (BESS) The project will support the ...

Overview: A Milestone for Renewable Energy in West Africa ??? Energy Resources Senegal (ERS), through its subsidiary Teranga Niakhar Storage (TNS), has successfully secured ...

This partnership could mobilise up to EUR 2.5 billion to support Senegal's efforts to achieve universal energy access and strengthen a resilient, secure and sustainable energy system ...

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Africa REN has started construction of the 10MW/20MWh Walo battery energy storage project in Senegal. The Dutch development bank FMO and the Emerging Africa Infrastructure Fund ...

Renewable energy company Africa REN has started construction of the Walo Storage project - a lithium-ion battery energy storage system situated in northern Senegal.

Construction has started on the Walo storage and PV project in Senegal. Africa REN has commissioned the large-scale solar and battery storage project to address Senegal's grid constraints ...

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