

# Dakar large-scale energy storage project





## Overview

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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.

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.”.

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.



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Senegal: EPC contract will see May start for solar, BESS project

Apr 23, 2025 · 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, ...

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Walo battery to support Senegal's state grid

Jul 26, 2024 · 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 ...

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Walo Storage project in Senegal commissioned

Aug 12, 2025 · The commissioning follows recent renewable energy announcements in Senegal, including Axian Energy's planned 60 MW/72 MWh solar-plus-storage project in the south and ...

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Press Release With the Launch of Walo Storage, a New ...

Sep 18, 2025 · 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 ...

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Senegal: EPC contract will see May start for solar, BESS ...

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Dakar New Energy Storage Power Supply

The project is Senegal's first utility-scale wind energy project and is part of the Senegalese government's efforts to make its energy supply both more diverse and sustainable.

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West Africa's first-of-its-kind frequency regulation BESS online

Aug 13, 2025 · The project is the first solar and storage one with a BESS dedicated to frequency regulation in West Africa, the firm said. Image: Africa REN. Independent power producer (IPP) ...

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news

Nov 15, 2024 · The project will provide clean, reliable energy for 235,000 people in Senegal. Largest photovoltaic with added battery energy storage systems (BESS) project in West ...

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Dakar Energy Storage Power Station BESS Standard

The project involves the installation of a 40 MW battery energy storage system (BESS) at the Parc Eolien Taiba N'Diaye (PETN) wind farm located 70km north of Dakar in Senegal.

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Dakar Cabinet Energy Storage System Project Powering Senegal ...



The Dakar Cabinet Energy Storage System Project represents a groundbreaking initiative in West Africa's renewable energy landscape. Designed to stabilize power supply across Senegal's ...

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West Africa's first-of-its-kind frequency ...

Aug 13, 2025 · The project is the first solar and storage one with a BESS dedicated to frequency regulation in West Africa, the firm said. Image: ...

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Infinity Power seals 20-year agreement with Senelec to ...

Nov 4, 2023 · 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 ...

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