

How to connect Senegal's energy storage power station to the grid



Overview

Africa REN has commissioned the large-scale solar and battery storage project to address Senegal's grid constraints.

How to connect Senegal s energy storage power station to the grid



[Africa REN commissions 20MW solar-plus-storage plant in Senegal](#)

Located in Bokhol, Dagana department, northern Senegal, the project is connected to the grid operated by Senelec. Independent power producer, Africa REN, has commissioned a 20MW of

[5 Projects Powering Senegal's Energy Transition](#)

In July 2025, Senegal's first LNG-to-power project began generating electricity offshore Dakar through a partnership between the country's state-owned



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[Walo battery to support Senegal's state grid](#)

Construction has started on the Walo storage and PV project in Senegal. Africa REN has commissioned the large-scale solar and battery



[Senegal switches on inaugural solar-plus-storage facility](#)

Africa REN has commissioned a 16 MW solar plant with 10 MW/20 MWh of battery storage in northern Senegal, billed as the first grid-connected

[Africa REN powers up solar-plus-storage plant in Senegal](#)

The project was designed to improve grid stability, deliver energy during peak demand hours and provide backup power in case of outages.



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[Senegal Inaugurates Walo Storage: West Africa's First Grid-Forming](#)

Senegal has officially inaugurated the "Walo Storage" plant in Bokhol (Saint-Louis Region) on January 22, 2026. This marks a technological milestone as West Africa's first large-scale



[Africa REN commissions Senegal's first grid stability](#)

Hybrid project combines 10 MW battery storage with an existing 16 MW solar power plant. Africa REN has commissioned the 10 MW 20 MWh Walo

Walo Storage

Combining photovoltaic solar with a storage system is a unique solution to meet the current and future needs of the grid. In order to complement and intensify our



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[Senegal: Solar + storage project leads the way in West](#)

Described as a first for West Africa, a solar PV installation with battery storage project dedicated to frequency regulation has been

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[Africa REN Powers Up Solar-Plus-Storage Plant in Senegal](#)

Its hybrid nature, combining a 16 MW solar plant with a 10 MW/20 MWh battery, allows it to deliver both clean energy and ancillary services to the national utility, SENELEC, under a long

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