

SolarTech Power Solutions

Senegal PV Energy Storage Cabinet Tender



Overview

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 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.

Does Senegal have a stable electricity supply?

In January the World Bank, in a feature on the transformative impact of a stable electricity supply since the beginning of 2025 in Ndong Serere – a village located 100km from Senegal’s capital city Dakar – said the country’s commitment to universal electricity access is supported by innovative financing and strategic partnerships.

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 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.

What will Voltalia do for Senegal?

Voltalia is to supply the PV infrastructure for the solar power plant, which will operate on Senegal's national grid managed by SENELEC. Entech will deploy the 80MWh usable battery solution designed to strengthen grid resilience.

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