



Energy storage partnership Senegal

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.

What is Senegal's energy strategy?

Recognizing that Senegal confirms its objective to develop and implement an ambitious energy strategy that will provide universal access to affordable electricity with quality and continuity of service, create new sustainable jobs and support the development of the economy on the basis of a diversified energy mix.

How will the energy system work in Senegal?

The system will utilise reserve energy when there are deficits, bring power and grid assets online after failures, and supply electricity to the cities in the northern part of Senegal during power outages.

How will Senegal support the development of the electricity grid?

This support, in addition to existing efforts, will aim to support Senegal's ambitions, including training and research, technology transfer, expansion and modernization of the electricity grid, as well as the development of storage capacity, which require significant public and private investments;

What is Senegal's energy sector development policy letter 2024-2028?

In its Energy Sector Development Policy Letter (LPDSE) 2024-2028, Senegal will integrate the commitments made under this agreement. By COP30, Senegal, in accordance with the Paris Agreement, will adopt a new NDC that will reflect the enhanced climate ambition of its new energy strategy.

How will eaif support Senegal's Clean Power Project?

Eaif acted as co-lender alongside the Dutch development bank FMO, to support the development of the EUR42m landmark project. A Euro equivalent US\$1.5m capital grant extended by PIDG Technical Assistance will ensure the project is designed to maximise supply of clean power to Senegal's grid, whilst remaining economically viable.

The national electric utility of Senegal, Senelec, has signed a 20-year capacity change agreement (CCA) with developer Infinity Power for a 40MW/160MWh battery energy storage system (BESS) project.

The Emerging Africa Infrastructure Fund (EAIF), a Private Infrastructure Development Group (PIDG) company, has committed a EUR11.5m senior secured loan to develop the first project-financed solar PV plant and battery energy storage system (BESS) in West Africa, located in Bokhol in the north of Senegal.

(IN BRIEF) An EUR 84 million investment will fund the development of two photovoltaic solar plants with integrated battery energy storage systems (BESS) in Senegal's Kolda region, providing clean energy to



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235,000 people. Spearheaded by the Emerging Africa & Asia Infrastructure Fund (EAAIF), FMO, and DEG, the project will be the largest of ...

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Southern Senegal is on the brink of a renewable energy transformation as Axian Energy, a subsidiary of the Madagascar-based Axian Group, secures EUR84 million in financing for an ambitious solar photovoltaic (PV) and ...

Africa REN has commissioned the large-scale solar and battery storage project to address Senegal's grid constraints. Africa REN is working in partnership with Senelec, Senegal's national electricity company to provide much-needed stability to the local grid to reduce power outages.

FMO board member Huib-Jan De Ruijter said the project will stabilize the grid and offer essential services to Senegal's utility, Senelec, while boosting affordable electricity for people and businesses, particularly in the Casamance region. Senegal has set a target of reaching 40% of renewable energy capacity by 2030.

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 Africa, accelerating the uptake of critical battery technology in the region. The investment supports Senegal's drive to reach 40% of renewable energy capacity by 2030.

Madagascar-based Axian Energy has obtained EUR84 million (\$89.2 million) of financing for a solar-plus-storage project, featuring a 60 MW solar plant and a 72 MWh battery energy storage...



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