Senegal lithium battery storage unit

Africa REN, a renewable energy company based in West Africa, has received EUR 32 million for its Walo Storage Project in Senegal. The project, which is hailed as a major breakthrough for West Africa, is the first battery-storage project in ...

Project : 10MW / 20MWh Battery storage + 16 MW of solar energy; Location : Bokhol, Senegal; Batteries: Lithium-ion; Technologies : Monocrystalline modules / Single-axis tracker system / String inverters; Off-take : 20-year take-or-pay PPP with Senelec; Construction : 12 months; Commissioning : 2025; Technical partner : Eiffage Energie Systèmes RMT

The lithium-ion battery energy storage unit is the first battery-storage project in West Africa dedicated to frequency regulation and is designed to stabilize Senegal"s grid and reduce blackouts. Furthermore, the project will include the construction of small solar photovoltaic plants, injecting 16 MW of solar energy into the grid while ...

The Walo energy storage project located in Bokhol, features innovative lithium battery energy storage unit. The project aligns with Africa REN"s commitment to positively contributing to local communities.

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Senegal, Bokhol: Batteries adding reserves into a Senegal solar plant to become the first ancillary services project in Senegal. The Walo storage project will consist of a 10 MW / 20 MWh BESS supplied by a 16 MWp solar PV plant. Located in Bokhol, Senegal, the lithium-ion battery project will be incorporated into the solar PV plant.

The project features a 10 MW / 20 MWh battery storage with lithium-ion batteries and 16 MW of solar energy using monocrystalline modules, a single-axis tracker system, and string inverters. The offtake is a 20-year take-or pay PPP with Senelec.

Senegal lithium battery storage unit

Located in Bokhol, Senegal, Walo Storage is the first battery storage project in West Africa dedicated to frequency regulation to ensure grid stability. This project marks a significant milestone for the region"s energy sector.

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 (EAIF), acting through Ninety One, fund manager of EAIF has provided EUR32 million in syndicated debt into Walo Storage.

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 stabilisation of Senegal"s national grid and the expansion of renewable energy supply across Senegal, avoiding 37,000 tonnes of carbon dioxide emissions per year

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