Use of Cape Verde Telecommunications BESS Power Station

Does Cape Verde have a wind farm?
The Cape Verde government has signed a contract with the domestic partly state-owned wind power operator,Cabeolica,to support its wind farm expansion and battery installation projects in the archipelago nation off the West African coast. Image credits: Alamy Stock Photo.

How can Cape Verde save money on fuel imports?
The company will also add a battery energy storage system(BESS) with a capacity of 9 MW/5 MWh in Santiago and another unit of 6 MW/6MWh on the island of Sal. The new facilities will contribute to annual cost savings of around CVE 1 billion in fuel imports,according to Cape Verde's minister of industry,trade and energy Alexandre Monteiro.

When will Cape Verde's wind farm expansion start?
Works on the wind farm expansion are due to commence in July 2024. Cape Verde's renewables account for 20% of the total installed capacity in the country,according to ALER,the renewables association of Portuguese-speaking African countries.

Who owns Electra in Cape Verde?
The company's largest shareholder,with a 50% stake,is AFC Equity Investments,a wholly-owned subsidiary of Africa Finance Corporation. Danish fund manager A.P. Moller Capital has owned a 44% stake since 2021. The government of Cape Verde and national utility Electra hold the remaining 6%. (CVE 100 = USD 0.963/EUR 0.907)

This BESS was designed not only to support peak shaving and renewable smoothing, but primarily to provide frequency regulation, fast active and reactive power ...

As part of its efforts to scale renewable energy, stabilise its grid and reduce carbon emissions, Cape Verde has

inaugurated the expanded Cabeolica Wind Farm and a new ...

Cape Verde can meet its goal of 50% renewables today by integrating energy storage. A 100% Renewable System is achieved from 2026, with a 20 year cost from 68 to 107 MEUR.

Announced earlier this week (8 December), AFC and Cabeolica have officially opened the Cabeolica Wind Farm and Battery Energy Storage System (BESS) project, which ...

The BESS will reach nearly 30 MW of capacity by early 2026, with long-term financing from the African Development Bank and the European Investment Bank nearing ...

The project marks the Cabo Verde"s first large-scale renewable energy project to combine wind power generation with battery energy storage systems (BESS).

Cabeolica will use the funds to add more turbines to its Santiago wind farm in the namesake island to raise its capacity to 22 MW ...

Cabeolica will use the funds to add more turbines to its Santiago wind farm in the namesake island to raise its capacity to 22 MW from 9 MW. The company will also add a ...

This new project will finance the expansion of promoter""s existing windfarm in Santiago island and the installation of at least two Battery Energy Storage Systems (BESS) in Cabo Verde.

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The Project is the first commercial scale renewable energy project with a BESS component in Cabo Verde, providing strong demonstration and replication benefits for upcoming projects in ...

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