

When will Cape Verde's energy storage centre be operational?

During the presentation of the project, Cape Verde's National Director for Industry, Trade and Energy, Rito Vora, announced that the energy storage centre is scheduled to be operational by 2030, with the aim of injecting 7% of renewable energy into the national public grid and 18% into that of the island of Santiago.

What is the largest solar park in Cape Verde?

The Prime Minister, Ulisses Correia e Silva, inaugurated on 12th September the 5MW Photovoltaic Power Station in Santa Maria, on Sal Island, the "largest solar park in Cape Verde in capacity and technology", built by APP (an ALER member).

Where is a desalination plant located in Cape Verde?

In Porto Novo, in the Santo Ant o island, was implemented a desalination plant in 2021, with the support of  guas de Porto Novo, in a public-private partnership between the Government of Cape Verde, the Municipality of Porto Novo and  guas de Ponta Preta.

What are the main objectives of hydro pumped-storage projects in Santiago Island?

The main objectives of the "Hydro pumped-storage projects in Santiago island" project were the identification of hydro pumped-storage projects and the performance of feasibility studies for potential sites.

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The project's approach comprises hydropower potential evaluation, site identification and project design of 5 sites in Santiago island, Cape Verde, totaling around 150 MW. Due to the extreme ...

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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 ...

Santiago Pumped Storage will increase Cape Verde's energy storage and electricity production capacity. The Santiago Pumped Storage Project, which will be located in Ch&#227; Gon&#231;alves, in the municipality of Ribeira ...

A crucial component in this process is the buffer tank which is a giant thermal battery. These well-insulated tanks, filled with water or a material with high thermal capacity, store the captured ...

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