

Cape Verde Electricity Company s Energy Storage Planning





Overview

Does Cape Verde have solar power?

In 2012 Cape Verde had an installed electricity generation capacity of around 300 MW, of which about 24% from wind power plants and 3% from photovoltaic stations. While solar power has an enormous potential as a source of renewable energy, natural conditions in Cape Verde are one of the best in the world for the production on wind energy.

How is electricity produced in Cape Verde?

Electricity in Cape Verde is primarily produced by thermal power stations running on heavy fuel or diesel (97%). There is also a small percentage (3%) of wind energy production. ELECTRA, the national electricity company, operates all over the country, managing 18 diesel power stations of different capacities (with a total capacity of).

What are the energy resources of Cape Verde?

Cape Verde has no primary energy resources except for wood, which is insufficient due to low rainfalls and poor soil quality. The country's energy supplies come from four main sources: petroleum products, butane gas, firewood, and wind.

Is Cape Verde a viable alternative to fossil fuels?

Solid waste can also represent an adequate option while ocean and geothermic energy are being tested, with uncertainties remaining as to their efficiency. Cape Verde has an estimated potential of 2,600 MW of renew-able energy, and more than 650 MW have been studied in concrete projects, which have lower production costs than fossil fuels.

What is the EU – Cape Verde special partnership?

The EU – Cape Verde Special Partnership was approved by the Council at the end of 2007 and is now in its implementation phase on the six priority sectors:



governance, security, information society, regional integration, normative and technical convergence towards EU standards and fight against poverty.



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During the presentation of the project, Cape Verde's National Director for Industry, Trade and Energy, Rito Évora, announced that the energy storage centre is scheduled to be operational ...



[Santiago Pumped Storage will increase Cape Verde's energy storage ...](#)

This increase, according to Prime Minister Ulisses Correia e Silva, will help achieve the government's goal of more than 50% of



electricity production from renewable energy by 2030 ...

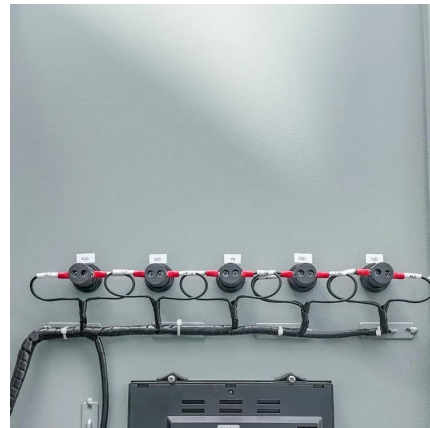


[National Power Sector Master Plan 2017 - 2040, Cabo Verde](#)

To achieve a least-cost electricity supply with high shares of RE according to the current plans and the National Plan for Renewable Energy of 2012, a deep transformation on the power ...

[Cape Verde Energy Storage Operations: Powering a Sustainable ...](#)

That's Cape Verde--a tiny nation with big energy ambitions. But who cares? Well, if you're an investor eyeing Africa's renewable boom, a policy wonk tracking energy transitions, or just a ...



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