

Kongres Container

Cape Verde Telecommunication Base Station Inverter Grid- Connected Project



Overview

Does Cape Verde have electricity?

Cape Verde has but one electricity company (Electra) and Cape Verde has one of the highest electricity prices in the world. Furthermore, the electric system is inefficient and registers energy losses of around 30%.

What are the objectives of the project development in Cabo Verde?

The project development objectives are to (i) increase renewable energy generation; and (ii) improve the performance of the electricity utility in Cabo Verde by leveraging private finance. International Bank for Reconstruction and Development (IBRD) International Development Association (IDA) Trust Funds.

How much does electricity cost in Cabo Verde?

13. Electricity prices in Cabo Verde are amongst the highest in Sub-Saharan Africa. Indeed, residential tariffs have averaged US\$0.28/kWh over the past four years but have fluctuated as high as US\$0.36/kWh in March 2019 for higher-consuming (>60 kWh/month) residential users.

Does Cabo Verde use biomass?

Traditionally, the population of Cabo Verde use biomass as a primary renewable energy resource, which still covers a significant proportion of household energy needs (for cooking), especially in rural areas (55 percent).

Does Cabo Verde have a high energy demand?

Historically, electricity demand growth in Cabo Verde was met exclusively with thermal generation using imported fossil fuels, while renewable energy penetration has increased significantly in recent years.

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.

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