

ContainerPower Energy Solutions

Djibouti communication base station hybrid energy project management



Overview

What is the current state of electricity in Djibouti?

Electricity sector: Current state □Djibouti's electricity supply is based on : □Thermal generation (diesel and heavy fuel oil): 20-40%. □Hydroelectric imports from Ethiopia (since 2011): 60-80%. o The country's current energy production is 220 MW, broken down as follows □Public generation of 120 MW by EdD.

Why did Djibouti open up electricity production to independent operators?

For the government, the aim was to open up electricity production to independent operators so as to achieve energy independence as soon as possible. It should be noted that the state-owned company Électricité de Djibouti retains a monopoly on the transmission and distribution of electricity. The project was developed by Red Sea Power (RSP).

Will Djibouti be self-sufficient in energy production in 2035?

In December 2023, the Republic of Djibouti signed up to the African Green Hydrogen Alliance. The country's formidable prospects in terms of renewable energy means that Slim Feriani can look to the future with confidence. "The objective for 2035 is to be self-sufficient in energy production," he says. "We should get there before then.

Can Djibouti reduce the cost of electricity?

Lowering the cost of electricity is a major challenge for Djibouti, but the benefits would be substantial. According to the World Bank, reducing the cost of electricity and telecommunications could increase real GDP by 39.1% by 2030, generate 23,000 jobs and considerably boost household incomes, while reducing poverty.

Does Djibouti have a monopoly on electricity?

It should be noted that the state-owned company Électricité de Djibouti

retains a monopoly on the transmission and distribution of electricity. The project was developed by Red Sea Power (RSP). “This site has the best wind energy potential in Africa, alongside Tangiers in Morocco,” says François Maze, its CEO.

Will Djibouti be the first country to produce 100% green energy?

In its bid to become the first country on the continent to produce 100% green energy by 2035, Djibouti can also draw on other ambitious projects. These include the solar power project in the Grand Bara desert, for which work began in 2020.

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