

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.

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.

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 *Electricité de Djibouti* retains a monopoly on the transmission and distribution of electricity. The project was developed by Red Sea Power (RSP).

Does Djibouti have a monopoly on electricity?

It should be noted that the state-owned company *Electricité 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.

How will the Ghoubet wind farm impact Djibouti?

In ecological terms, the Ghoubet wind farm will enable Djibouti to reduce its CO₂ emissions by around 250,000 tonnes a year. At the same time, it will enable the country to reduce its energy dependence on Ethiopia, from which it currently imports around 50% of its electricity consumption via a high-voltage line.

Does Djibouti have geothermal energy?

Because of its geographical position, at the meeting point of three major rifts - the Red Sea, the Gulf of Aden and the East African Rift - Djibouti also has a rich resource buried in its subsoil: Geothermal energy. President Ismaïl Omar Guelleh has been quick to make this a priority.

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As Djibouti wakes up to the potential of geothermal and wind, and looks to the P2X potential of green hydrogen, its small and fossil-fuel dependent power sector could be on the brink of major change.



Djibouti bluefin energy

Owned by Flotation Energy and Vårgrønn, the Green Volt is projected to be operational by 2029. Green Volt will be located 80 kilometers (49.7 miles) off Aberdeenshire, Scotland and will deploy up to 35 floating offshore wind turbines upon completion.

The Ghoubet wind farm, inaugurated in September 2023, adds 60 MW to Djibouti's energy capacity, cutting 252,500 tonnes of CO2 emissions annually and marking the country's first significant ...

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How Djibouti will produce 100% green energy by 2035. In September 2023, Djibouti inaugurated its first wind farm in the north of the country. Add solar farms, geothermal power and biomass plants, and Djibouti ...

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

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How Djibouti will produce 100% green energy by 2035. In September 2023, Djibouti inaugurated its first wind farm in the north of the country. Add solar farms, geothermal power and biomass plants, and Djibouti hopes to become the first country on the continent to supply its population with 100% renewable energy.

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