

How can Djibouti achieve its energy goals?

Djibouti's substantial potential for geothermal electricity generation, along with its rising capacity to produce energy from wind and solar power plants, should help the country reach its goals in coming years. In addition to the growing need for generation capacity, the expansion of renewable energy is key for Djibouti to diversify its economy.

What is Djibouti's electricity demand?

Based on 2020 data, Djibouti's national electrification rate reached 42%, (1% in rural areas, 54% in urban areas).

Djibouti has vast untapped renewable energy sources, namely geothermal, solar, and wind. The peak annual demand in 2014 was about 90 MW but is expected that it will grow to about 300 MW by around 2020.

Will Djibouti become the first African country to meet 100% electricity demand?

The authorities have announced plans to transform Djibouti into the first African country to fulfil 100% of its electricity demand from clean energy sources by the close of the plan in 2035. The Ministry of Energy and Natural Resources formulates policies for the sector and regulates the electricity market.

What are the main sources of energy in Djibouti?

Traditional biomass fuels, petroleum products and electricity have a significant share in the country's energy mix. AFREC 2020 energy balance shows that the total primary energy supply in 2018 was 457 ktoe. Djibouti has no indigenous sources of oil, natural gas, hydropower or coal.

How is Djibouti reducing its dependence on imported power?

Djibouti is also working to reduce its dependence on imported power by investing in domestic production and diversifying its energy mix. The government has ambitious plans to become the first country in Africa to fulfil 100% of its electricity demand from clean energy sources while also extending the power grid to reach 100% of the population.

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).

As Djibouti's demand for energy grows, the country is undergoing a transition towards renewables given its lack of domestic hydrocarbons reserves, while also aiming to reduce its carbon footprint and promote sustainable development more broadly.

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With a visionary goal of 100% renewable energy by 2035, we're driving global investment in cutting-edge green infrastructure--wind, solar, hydrogen. Connect with us o Ministry of Habitat and Environment o P.O. Box 11 Djibouti - 253 o Djibouti

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