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Zimbabwe Wind Power System

Overview

The Zimbabwe National Renewable Energy Policy aims to produce 1.1GW of renewable energy by 2025, comprising 16.5% of overall capacity. Zimbabwe is set to have a 200MW wind power plant set up.Does Zimbabwe have a potential for wind power?

The International Renewable Energy Agency (IRENA) conducted a satellite data analysis for wind power potential in Zimbabwe, which showed that some parts of the country, including parts of the Great Dyke region, Eastern Highlands and Matabeleland South have the potential for wind energy generation.

Why did Zimbabwe stop a wind energy feasibility study?

This came after the Zimbabwe Energy Regulatory Authority halted a wind energy feasibility study in 2018 due to private companies’ bids exceeding the estimated budget. The government’s aim, set out under the Zimbabwe National Renewable Energy Policy, is to produce 1.1GW of renewable energy by 2025, making up 16.5% of overall capacity.

What is Zimbabwe's energy infrastructure?

Without a doubt, Zimbabwe's energy infrastructure is in dire need of massive improvements in order to stabilize and centralize the nation's domestic energy output. The renewable energy potential of Zimbabwe is revolves around 3 main aspects: hydropower, solar power, and biogas.

Will Zimbabwe's wind farm be affected by environmental impacts?

The wind farm is likely to be subject to an environmental impact assessment by the Environmental Management Agency to ensure its construction does not damage flora and fauna. The NGO Sustainable Energy for All said that while Zimbabwe has huge renewable energy resource potential, it is currently being constrained by dire economic circumstances.

Is Zimbabwe mobilising funds for a wind energy assessment?

Zimbabwe is mobilising funds to undertake an assessment on possible sites for wind energy plants in the Southern African country, a report in the weekly Sunday Mail said.

Will Optate Africa build a wind farm in Zimbabwe?

Optate Africa is running the project in partnership with GE, a turbine manufacturing and development company that will help with the technical details of financing and constructing the wind farm. Zimbabwe has recently ramped up renewable forms of energy.

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