

# **Ecuador is working on wind power generation systems**





## Overview

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In this research, an analysis of the electricity market in Ecuador is carried out, a portfolio of projects by source is presented, which are structured in maps with a view to an energy transition according to the office.

How does Ecuador's wind power work?

Once commissioned, it will generate electricity to support Ecuador's energy supply during the Amazon dry season and help reduce the risk of blackouts. Currently, Ecuador has three operational wind parks with a combined capacity of 69 MW. Nordex noted it has installed around 57 GW of wind power capacity in over 40 markets.

How many wind parks are there in Ecuador?

Currently, Ecuador has three operational wind parks with a combined capacity of 69 MW. Nordex noted it has installed around 57 GW of wind power capacity in over 40 markets. The turbine maker has production facilities in Germany, Spain, Brazil, India and the US.

Does Nordex have a wind project in Ecuador?

German wind turbine maker Nordex SE (ETR:NDX1) today said it has been contracted to equip a 112-MW wind project in Ecuador, a deal that marks its entry into the South American country's market. Nordex N149/4.0-4.5 turbines. Image by: Nordex ().

How much wind energy does Ecuador have?

4.2.3. Wind energy According to the wind atlas of Ecuador [36, 39], in the useable areas, the average annual wind speeds exceed 7 m/s at 3000 m above sea level, indicating a feasible potential of 891 MW in the short term, which would be added to the 21.15 MW of power in service (16.5 MW on the mainland, and 4.65 MW on the insular region).



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### Nordex forays into Ecuador with receipt of wind turbine order

Sep 18, 2025 · Wind turbine manufacturer Nordex Group has announced its entry into Ecuador with a turbine order. Under the contract, it is required to supply 19 N149/5.X turbines for a wind ...

### Nordex Secures Turbine Supply Contract for 112MW Wind Project in Ecuador

Sep 17, 2025 · German wind turbine manufacturer Nordex Group said on Tuesday it has received an order to supply turbines for a 112-megawatt (MW) wind project in southern Ecuador, ...



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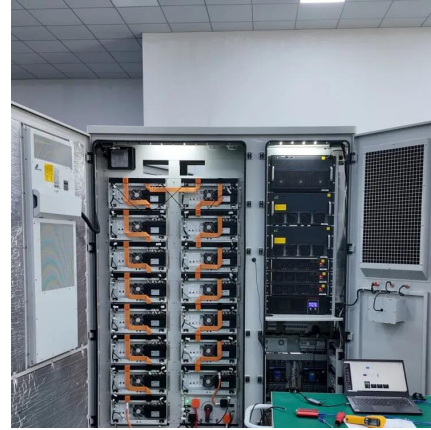
May 1, 2023 · These aspects are necessary for a correct understanding of the problems of the Ecuadorian electrical system and its development paths in the long term, allowing to know its ...

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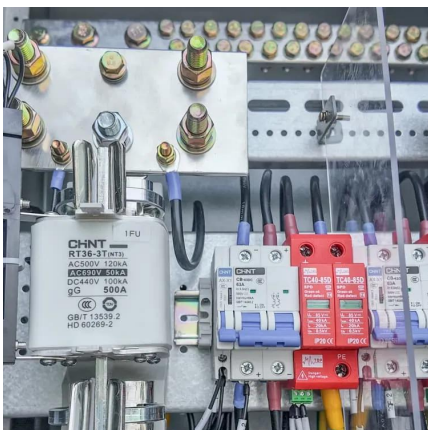
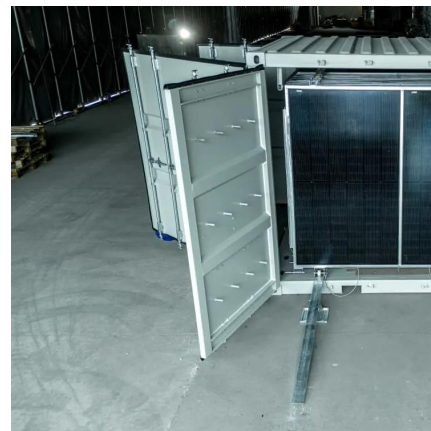


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## [Ecuador Wind Power Market](#)

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## [Nordex sets foot in Ecuador with 112-MW ...](#)

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## [Ecuador Wind Energy Market Size, Share, ...](#)

Ecuador Wind Energy Market Dynamics The key market dynamics that ...

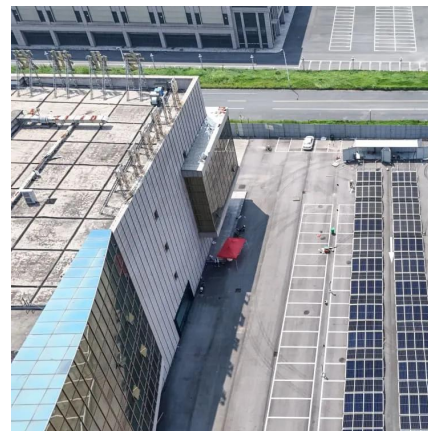


## [Ecuador gets \\$77m IDB guarantee for renewable energy](#)

Ecuador plans to diversify its energy mix and boost energy security with a \$77 million sovereign guarantee from the Inter-American Development Bank (IDB). The guarantee is the first ...

## [Nordex sets foot in Ecuador with 112-MW turbine order](#)

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