

# **What is a Peruvian wind energy storage system**





## Overview

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Can wind energy technology be used in Peru?

Wind energy technology on an industrial scale has already been successfully implemented in Peru, being increasingly popular and a feasible alternative to apply in different places in the territory with wind resource potential.

What is the history of wind energy in Peru?

The history of wind energy in Peru is marked by the publication of Law 1.002 in 2014, which supports the generation of electricity through renewable energies. In 2016, 100 MW of wind energy projects were assigned out of the 500 MW auctioned off under this law.

Will the government of Peru implement wind farms in different places?

There are high expectations that the government of Peru will promote public policies that seek the implementation of wind farms in different places in the territory, which will allow the generation of renewable energy and provide access to clean energy to more inhabitants and productive activities.

What is the maximum wind energy potential in Peru?

The maximum wind energy potential in Peru has been revised to 640 MW. Initially, an earlier study indicated a potential of 375 MW.

What is the wind resource of Peru?

The wind resource of Peru presents characteristics of stability, both in its speed and predominant direction. This is due to the trade winds that come from the south and that, when they impact the terrestrial area, promote constant local winds, such as the Paracas and the Ica.

Does Peru have a good model of wind energy development?

It is necessary for Peru to consider as a reference the successful models of



wind energy development implemented in neighboring Latin American countries, with the cases of Mexico, Brazil, Uruguay, Argentina, and Chile being references in this matter, countries in which there are an important number of wind farms in operation [46, 47, 48, 49, 50].



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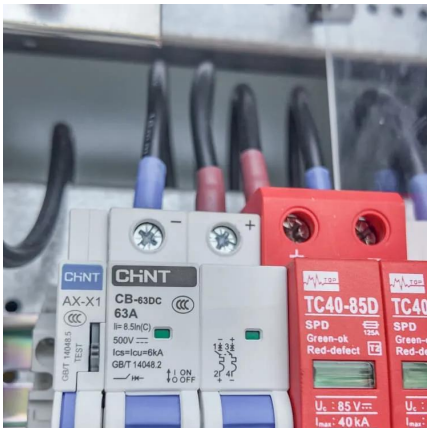
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