

Pakistan's wind power generation system





Overview

Jhimpir Wind Power Plant The Jhimpir Wind Power Plant was developed in Jhimpir, Sindh by Zorlu Energy Pakistan. The total cost of project is \$136 million. Completed in 2002, it has a total capacity of 50 MW. This wind Corridor has a 50000 megawatt potential with average wind speeds over 7-meter per second.

is a form of which makes up more than 6% of the total electricity production in the country. As of 2018, wind power capacity in was 1,287 MW. The is looking to.

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The first practical machines, the and the , were invented in what are now Afghanistan, Iran and Pakistan by the 9th century.

The conducted a study in 2013 entitled "Wind Power Potential Survey of Coastal Areas of Pakistan", which the provided funding for. This study enabled PMD to identify potential "wind corridors".

Pakistan's wind power capacity is approximately 1,845 MW as of 2025, generated from around 36 operational wind projects. The Gharo-Jhimpir wind corridor in Sindh province is the heart of wind power generation, contributing over 70% of the country's wind energy capacity.



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Wind power in Pakistan

Completed in 2002, it has a total capacity of 50 MW. This wind Corridor has a 50000 megawatt potential with average wind speeds over 7-meter per second. The government has announced ...

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(PDF) Dialogue Social Science Review (DSSR) Unlocking the Power ...

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Pakistan Meteorological Department

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[Pakistan - Asia Wind Energy Association](#)

"This wind farm is a major contributor to Pakistan's drive to scale up renewable energy use and to reduce its reliance on coal and petroleum for power generation," said Muhammad Azim ...

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However, implementing wind energy systems in Pakistan presents obstacles, such as the intermittent nature of wind energy and the need for utility infrastructure to support large-scale ...

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