

Solar power generation and energy storage in Argentina





Overview

Is solar power a viable option in Argentina?

Argentina has abundant solar resources, particularly in the northwest region, making solar power a viable option for electricity generation. Utility-scale solar projects and distributed solar installations are gaining momentum, contributing to the country's renewable energy goals.

What are Argentina's renewable resources?

The renewable resources include wind, solar, bioenergy, and small hydro. Argentina's expansions could help diversify the energy mix and enhance energy security. It aims for renewables to account for over 50% of electricity generation by 2030.

Can Argentina decarbonize its power sector?

Argentina's vast solar, wind, and hydroelectric renewable energy potential, give it the possibility to decarbonize its power sector and support its COP26 goal of increasing the share of renewable energy in its national energy matrix to 30 percent by 2030.

What are the different types of energy sources in Argentina?

It encompasses various sources such as solar, wind, hydro, biomass, and geothermal energy. In Argentina, the focus has primarily been on harnessing solar and wind power due to the country's abundant resources in these areas.



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IRENA - International Renewable Energy Agency

Distribution of wind potential Annual generation per unit of installed PV capacity (MWh/kWp)
Wind power density at 100m height (W/m2)

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The Net-Zero Circle

Dec 2, 2025 · Background Argentina is a country with significant potential for renewable energy. With its vast natural resources, such as solar, wind, ...

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