

Kongres Container

Argentina 3 million kilowatt wind solar and energy storage project



Overview

How many MW of battery energy storage will be deployed in Buenos Aires?

The initiative aims to deploy 500 MW of battery energy storage systems (BESS) in the Greater Buenos Aires Area (GBA), but the submitted capacity has far exceeded expectations—reaching a combined 1,347 MW.

Why is wind power growing in Argentina?

In recent years, Argentina has witnessed an increase in wind power projects. This growth has been fueled by the government's Renewable Energy Law, enacted in 2015, which calls for 20% of the country's electricity to come from renewable sources by 2025.

How many wind farms are there in Argentina?

They are grouped into 57 wind farms that are distributed mostly in Chubut, Buenos Aires, Santa Cruz, La Rioja, Córdoba, Neuquén and Río Negro. Despite the progress that has been made in the renewable energy market in Argentina, there are still several challenges that need to be addressed.

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 battery energy storage modernize the grid in Argentina?

The Argentina's ambitious push toward grid modernization through battery energy storage has received an enthusiastic response, with CAMMESA (Compañía Administradora del Mercado Mayorista Eléctrico) confirming the submission of 27 project proposals from 15 companies under its AlmaGBA program.

What is Argentina's largest photovoltaic installation?

Argentina's state-owned power company Jemse built the country's largest photovoltaic installation between 2017 and 2020, as part of the RenovAr large-scale renewables programme. So far, the 300MW project has produced more than 1 million MWh of clean electricity and is now set to expand to 500MW, with the addition of 30MW/100MWh of storage.

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