

# **Uruguay s first wind solar and energy storage**





## Overview

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How many wind turbines are there in Uruguay?

Today, Uruguay has more than 700 wind turbines distributed throughout its territory. “At first glance, the change is seen in many areas of the country: You go down the road and see the modern windmills in rural areas,” Prats said. “Starting in 2010, with the variety of energy sources, and also renewable ones, blackouts became very rare.

Why did Uruguay start using wind turbines?

Avoiding nuclear power entirely, Uruguay first embraced wind turbines as a source of cheap, reliable power; providing 40% of the country’s capacity in less than a decade.

When was the first wind farm built in Uruguay?

In fact, the first wind farm in Uruguay was set up in 2008 on Cerro de los Caracoles, where Casaravilla and Cataldo had installed the country’s first wind generator eight years earlier.

How many homes can a wind farm power in Uruguay?

In 2011 and 2012, the two leftists watched as onshore wind farm proposals finally poured in at competitive prices. This time around, the tenders resulted in the potential to power nearly 1.2 million homes solely with wind power—nearly every residence in Uruguay.



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energy ...



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Onshore wind: Potential wind power density (W/m<sup>2</sup>) is shown in the seven classes used by NREL, measured at a height of 100m. The bar chart shows the distribution of the country's land area ...



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By dispatching a combination of complementary renewable sources--40% wind, 40% hydropower, and the rest from solar and biomass--Uruguay created a robust, flexible energy ...

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