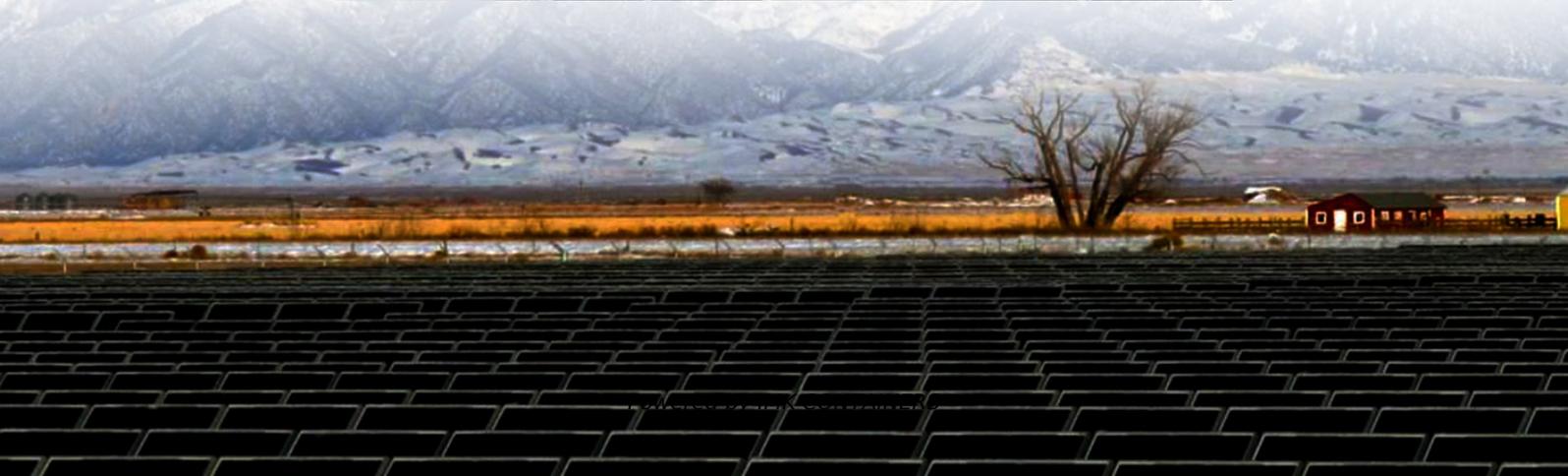


# How much wind power does Uruguay s mobile energy storage site have





## 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.

How difficult was it to get electricity in Uruguay?

“It was difficult for us to cope,” Ramón Méndez Galain, a professor at the University of the Republic in Montevideo, Uruguay, said in an interview with NPR. He is one of the architects of the energy revolution in that country. “It was difficult to get electricity.

Why did electricity prices drop in Uruguay?

Uruguay’s energy grid became powered almost exclusively by domestic renewable sources, and consumer prices, adjusted for inflation, fell. “Electricity bill prices dropped substantially,” said Alda Novell, a resident of Montevideo, by telephone. Today, Uruguay has more than 700 wind turbines distributed throughout its territory.



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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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