

Uruguay Outdoor Power Plant





Overview

Why is Uruguay turning to wind power?

The answer lay in a strategic pivot towards renewable energy sources, particularly wind power. The true transformation began with a bold bet on wind energy. By 2008, Uruguay was experiencing economic growth that outpaced its existing energy supply.

Does Uruguay use fossil fuels?

Just 17 years ago, Uruguay used fossil fuels for a third of its energy generation, according to the World Resources Institute. Today, only 2% of the electricity consumed in Uruguay is generated from fossil sources. The country's thermal power plants rarely need to be activated, except when natural resources are insufficient.

How did the energy industry change in Uruguay?

The true transformation began with a bold bet on wind energy. By 2008, Uruguay was experiencing economic growth that outpaced its existing energy supply. As demand surged, blackouts became more frequent, leading to increased electricity bills and the implementation of rationing measures.

Does Uruguay have a power grid?

The map of Uruguay's electrical grid today is starkly different from that of 2008, when the majority of power was generated at a few hydroelectric dams north of Montevideo and the rest at a handful of fossil fuel plants in the capital. It's now possible for the entire grid to run several hours a day entirely on wind power.



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Minas

Minas wind farm Located 15km southeast of the city of Minas, in Lavalleja, Uruguay, Minas is a wind power plant in operation since 2014. With its 14 Vestas V112 3.0 MW wind turbines with ...

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