
Why is Uruguay a'relative energy sovereignty'?
Once reliant on exorbitantly priced fossil fuel imports for nearly half of its energy needs, Uruguay has gone from suffering frequent blackouts and power cuts to relative energy sovereignty based almost entirely on electricity generated from a stable mix of wind, solar, hydroelectric, and bioenergy sources.

Does Uruguay need a thermal power plant?
The country's thermal power plants rarely need to be activated,except when natural resources are insufficient. Half of Uruguay's electricity is generated in the country's dams,and 10% percent comes from agricultural and industrial waste and the sun. But wind,at 38%,is the main protagonist of the revolution in the electrical grid.

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.

Does Uruguay have a Green Power Revolution?
This article appears in the April 2025 issue, with the headline "Uruguay's Green Power Revolution." Much of the vast landscape of Uruguay remains true to its historical image--down to the lone gaucho roaming the pampas. But there have been some notable additions.

Towering white wind turbines and glistening solar panels are now as much a part of the iconography of Uruguay ...

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Uruguay, the country of writer Mario Benedetti and soccer player Luis Suárez, has achieved what many countries have pledged for decades: 98% of its grid runs on green energy.

Uruguay has made significant progress in photovoltaic solar panel installations, with its solar PV capacity growing from virtually zero in 2013 to 248 MW by 2020, and the government aims to ...

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Uruguay boasts an impressive solar potential, with an average of over 2,000 hours of sunshine annually. This makes it one of South America"s most favorable regions for solar power ...

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