

Uruguayan outdoor energy storage power supply production plant





Overview

What is Uruguay's energy strategy?

In 2005, Uruguay initiated a dramatic shift in its energy strategy, moving from petroleum-based electricity generation to renewable sources. In 2024, Uruguay generated 99 percent of its electricity from renewable sources using hydropower (42 percent), wind (28 percent), and biomass (26 percent).

Where does Uruguay's electricity come from?

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. But how did the country achieve it?

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How much solar energy does Uruguay get?

Uruguay receives an average 1,700 KW per square meter of sunlight a year, on par with Mediterranean countries although solar represents only a fraction of the country's total electricity production. Uruguay's Investment Promotion Law offers incentives for investing in solar manufacturing, systems implementation, and solar energy utilization.

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.



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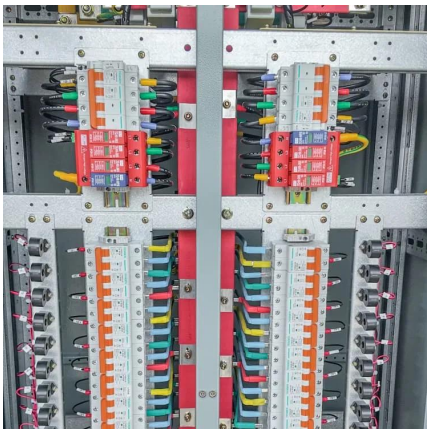


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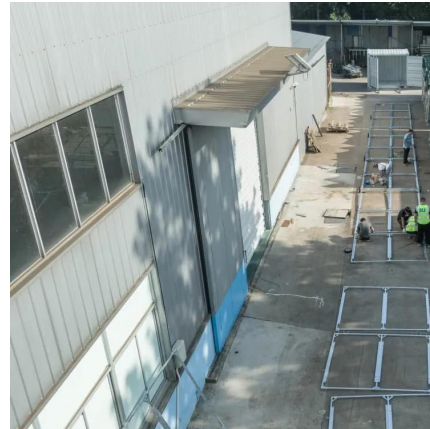


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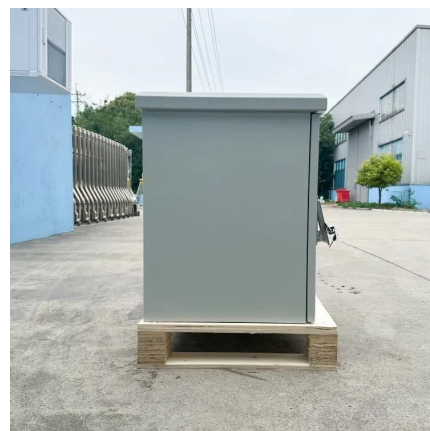
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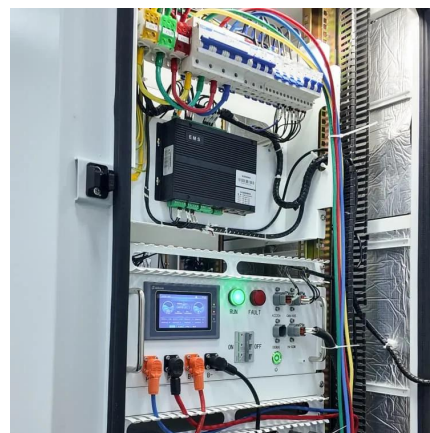


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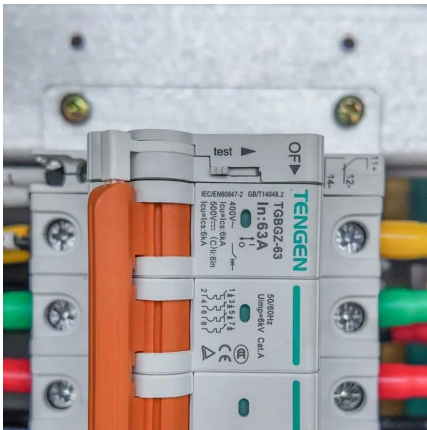
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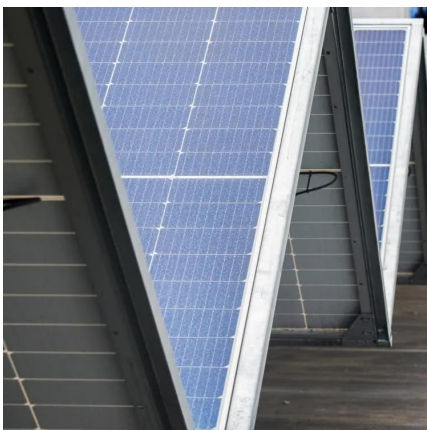


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ENERGY PROFILE Uruguay

Additional notes: Capacity per capita and public investments SDGs only apply to developing areas. Energy self-sufficiency has been defined as total primary energy production divided by ...

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