

## A-Core Container

# Paraguay containerized power generation



## Overview

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Can Paraguay diversify its energy matrix and reduce its reliance on hydrocarbons?

The country's success in diversifying its energy matrix and reducing its reliance on hydrocarbons could have far-reaching implications, not just for the region, but for the global energy landscape. The future of energy in Paraguay is bright—and it is powered by the sun, the wind, and the innovative spirit of its people.

Can Paraguay use natural gas as a transitional energy source?

In addition to its focus on renewables, Paraguay is also looking to natural gas as a transitional energy source. The country's new energy policy includes a project to integrate natural gas into its energy matrix. This would provide a reliable alternative to hydrocarbons while renewable technologies continue to scale.

Will Paraguay reshape its energy landscape by 2050?

The Paraguayan government unveiled a transformative energy policy to reshape the country's energy landscape by 2050. Signed into action by President Santiago Peña, this initiative sets the stage for Paraguay to diversify its energy generation and embrace sustainable alternatives such as solar energy, hydrogen fuel, and biofuels.

What is Paraguay's energy policy?

The policy is expected to enhance Paraguay's energy resilience, foster innovation, and contribute to global sustainability goals. Paraguay has long been known for its reliance on renewable energy. Nearly 100% of its electricity is generated from hydropower, mainly through the Itaipu and Yacyretá dams.

How is electricity used in Paraguay?

Electricity can be generated in two main ways: by harnessing the heat from

burning fuels or nuclear reactions in the form of steam (thermal power) or by capturing the energy of natural forces such as the sun, wind or moving water. of total generation.

Is hydrogen the future in Paraguay?

“Hydrogen is the future,” Bejarano stated, highlighting the country’s ambitions to develop hydrogen-based energy solutions over the next few decades. This focus on innovation aligns with global trends and sets Paraguay on a path to becoming a key player in the renewable energy market.

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