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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.

Should Paraguay rely on natural gas?

By relying on natural gas in the short term, Paraguay can reduce its dependence on coal and oil while ramping up its investments in solar, hydrogen, and bioenergy. Paraguay's ambitious energy policy is a bold step toward a more sustainable future, but it also comes with challenges.

How is energy sourced in Paraguay?

Energy in Paraguay is primarily sourced from hydropower, with pivotal projects like the Itaipu Dam, one of the world's largest hydroelectric facilities. This reliance underscores the need for a robust infrastructure, including efficient transmission networks and distribution systems, to leverage the country's renewable resources fully.

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.

Paraguay has no proven natural gas reserves, and it neither produces nor consumes natural gas. In recent years, the country has sought to promote the consumption of natural gas as a way to decrease the use of firewood and charcoal, which has contributed to deforestation in the country. However, barriers to natural gas consumption include a lack of domestic natural gas production and the absence of import pipelines.

In this article, we will explore how VPPs are transforming Paraguay's energy sector, focusing on the unique regional challenges and opportunities for integrating residential battery ...

A joint venture (JV) formed by investors PASH Global and ERIH Holdings reportedly plans to develop utility-scale solar power facilities and battery energy storage ...

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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 ...

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Image: Harmony Energy. Alex Thornton, operations director at Harmony Energy, gives us a deep dive into Pillswood, the biggest battery storage project in Europe, including the bold decision to ...

With Brazil negotiating new Itaipu energy rates and Uruguay expanding wind storage, Paraguay needs to move fast. Storage isn't just about keeping lights on anymore - it's about claiming ...

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