

# **Paraguayan government invests in energy storage projects**





## Overview

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Does Paraguay have a grid-scale energy storage project?

The capital of Paraguay, Asuncion. The country has not announced any grid-scale energy storage projects to-date. Image: CC / Mariano Mantel. Investment firms PASH Global and ERIH Holdings have formed a joint venture (JV) to develop utility-scale solar and battery storage projects in Paraguay.

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.

Should Paraguay diversify its energy sources?

As an alternative, panelists proposed diversifying Paraguay's energy sources. Paraguay has already identified 22 locations suitable for small hydroelectric plants, which would require an estimated \$1.2 billion to build. These plants could be installed closer to consumption centers, reducing strain on the transmission grid.

How to strengthen the energy sector in Paraguay?

1. General energy sector Institutional strengthening: creation of the Ministry of Energy, Hydrocarbons, and Mining (MEHM) by 2024, followed by a plan to strengthen it and the public companies in the sector by 2025. Energy efficiency: creation of the Paraguayan Energy Efficiency Agency (public-private partnership) by 2030.

How can Paraguay benefit from solar energy?

Solar energy, in particular, is seen as a vital addition, taking advantage of Paraguay's abundant sunlight to reduce pressure on its hydropower resources. The government also plans to harness bioenergy through biomass and



biogases, tapping into organic waste and agricultural byproducts as fuel sources.

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.



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### [Paraguay's new energy policy with projections to 2050](#)

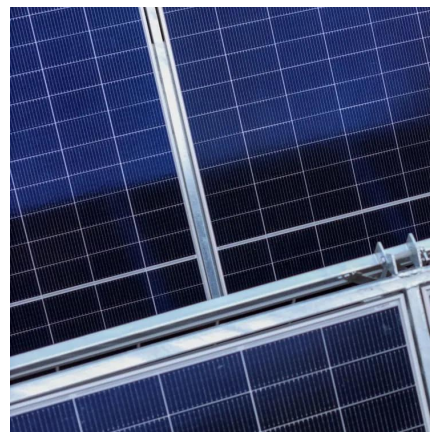
The Decree sets out an energy policy plan for Paraguay with a long-term outlook until the year 2050, addressing the need for innovation considering current challenges in the energy sector ...

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### **Paraguay energy storage providers**

Energy in Paraguay is primarily sourced from, with pivotal projects like the, one of the world's largest hydroelectric facilities. This reliance underscores the need for a robust infrastructure, ...

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### [Paraguayan energy storage manufacturers](#)

Battery Energy Storage Solutions (BESS) , Nidec Industrial ... overview Battery Energy Storage Solutions: our expertise in power conversion, power management and power quality are your ...

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### [Paraguay new energy storage companies](#)

Paraguay has launched an ambitious energy policy, targeting a diverse, sustainable energy mix by 2050. Focusing on solar, hydrogen fuel, and biofuels, the country aims to secure energy





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### Asunción's Energy Storage Revolution: Solving Paraguay's Power

Paraguay's new Ley de Almacenamiento Energético offers tax breaks covering 30% of storage system costs. Plus, there's this neat twist--projects using locally sourced materials get priority ...

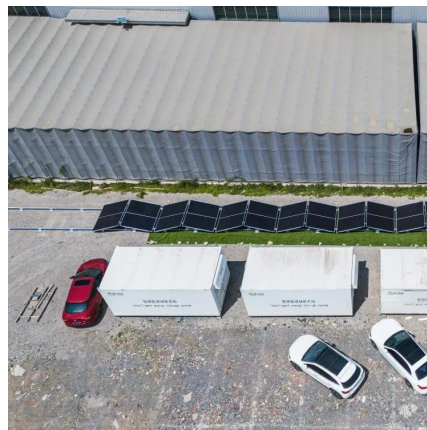
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### Paraguay must invest \$5 billion by 2030 to avoid energy crisis

Paraguay must double its power generation capacity by 2030 to avoid a supply crisis, as domestic demand rises, infrastructure ages and pressure grows to diversify its ...

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### [Paraguay's new energy policy with projections to 2050](#)

The New Energy Policy aims to consolidate Paraguay's position as a key player in regional energy integration, through overarching goals to strengthen the national electricity sector and ...

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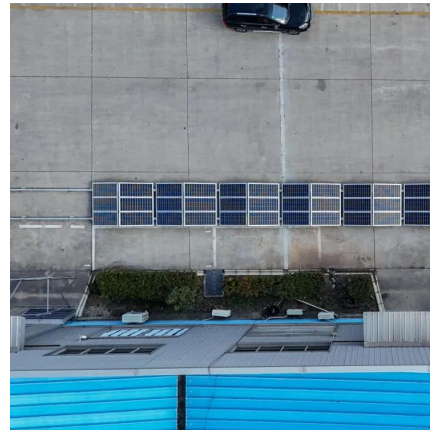




### [Why Was the Asuncion Gravity Energy Storage Project...](#)

In late 2024, Paraguay's ambitious Asuncion Gravity Energy Storage Project--a \$220 million initiative designed to stabilize the national grid using gravity-based technology--was abruptly ...

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### **Paraguay's Bold Energy Vision: Shifting to Renewables by 2050**

The government has pledged to address these disparities by investing in energy infrastructure in remote areas and providing incentives for small businesses and households to ...

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### **Government Invests \$160 Million in Solar Projects Across ...**

Canada's Minister of Natural Resources this week announced federal investments valued at \$160 million for nine Alberta-based solar power projects. This initiative is expected to ...

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### [PARAGUAY AIR ENERGY STORAGE PHASE III PROJECT](#)

How does compressed air energy storage impact the energy sector? Compressed air energy storage has a significant impact on the energy sector by providing large-scale, long-duration ...

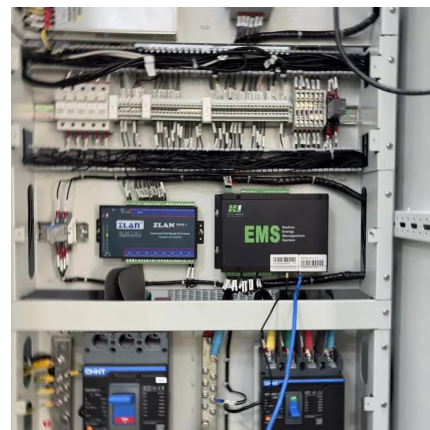
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### 40MWh! Two investors plan to deploy solar + energy storage projects ...

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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### [Paraguay energy distribution systems and technologies](#)

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 ...

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