



provides suggestions for how Paraguay could use its excess electricity to diversify its economy and reduce its fossil fuel dependency and; analyzes past revenue streams from electricity exports, suggests ways to maximizing future export ???



EPS is a service solutions company focused on the manufacture and development of Off-Grid Mobile Power Production & Power Storage Units with the option of Integrated Water Purification, Pumping and Desalinization Systems all powered by solar.



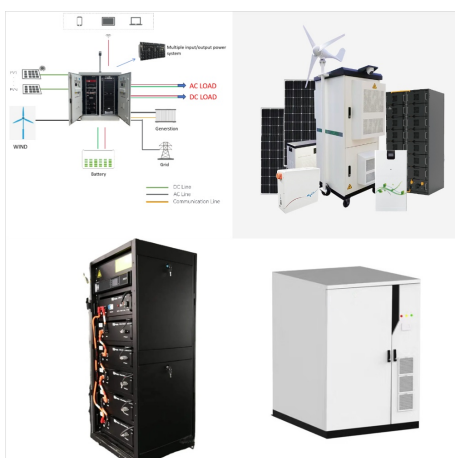
The study identifies the least-cost power generation mix, future investments and the financial requirements to meet the needs of different demand scenarios. We find that Paraguay will need to invest in hydropower plants, by mainly ???



Esto incluye la generaci?n, transmissi?n y distribuci?n de energ?a de respaldo, eficiencia energ?tica, en alta, media y baja tensi?n", refiri? David L?pez, CEO de ISC Power Solutions, empresa paraguaya con m?s de 30 a?os de experiencia en proyectos de ingenier?a el?ctrica, electromec?nica, electr?nica e inform?tica.



Overview
Electricity supply and demand
Access to electricity
Service quality
Responsibilities in the electricity sector
History of the electricity sector
Tariffs and subsidies
Investment and financing



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Paraguay operates two binational hydroelectric dams. Itaipu dam, by far the largest power station in the country, is operated with Brazil and has an installed capacity of 7000 MW (86 percent of Paraguay's generation capacity).



provides suggestions for how Paraguay could use its excess electricity to diversify its economy and reduce its fossil fuel dependency and; analyzes past revenue streams from electricity exports, suggests ways to maximizing future export revenues, and provides management system tools that could be considered to allocate these revenues



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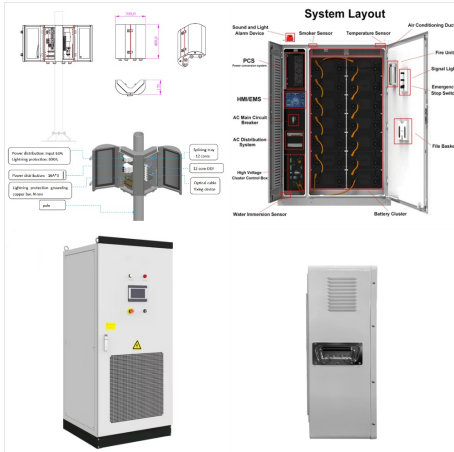
Along with Albania, Paraguay is the country with the cleanest electric power production in the world, as 99.9% of its electricity generation has zero carbon dioxide emissions, according to ???



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Onshore wind: Potential wind power density (W/m²) is shown in the seven classes used by NREL, measured at a height of 100m. The bar chart shows the distribution of the country's land area in each of these classes compared to the global distribution of wind resources. Areas in the third class or above are considered to be a good wind resource.



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Paraguay generates 100% of its electricity from renewable sources, with the vast majority coming from the Itaipu, Yacyret?, and Acaray hydroelectric projects. Since turning to hydropower, Paraguay no longer relies on oil and diesel imports for electrical generation.