

## SolarTech Power Solutions

# How much does Paraguay s energy storage power supply cost



## Overview

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Can Paraguay sell its energy to Brazil?

Paraguay is obliged by treaty to sell excess energy from the Itaipú dam to Brazil at cost price. Economist Miguel Carter calculates that this condition cost Paraguay \$75.4bn from 1985 to 2018. Despite Brazilian energy prices being sky-high, Paraguay cannot sell its energy at market prices according to the treaty.

What sources of energy does Paraguay have?

Paraguay has enormous water resources and access to two major rivers, the Rio Parana and the Rio Paraguay. 99.9% of the energy that Paraguay produces comes from hydroelectric sources. The country generates 75% of its hydroelectric energy from the Itaipu dam, making it the largest dam in the world along with the Three Gorges Dam.

How is electricity generated in Paraguay?

In Paraguay, electricity is almost fully generated by hydropower through two binational public companies: Yacyreta (with Argentina) and Itaipu (with Brazil). Paraguay exports any surplus electricity to Argentina and Brazil.

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