

## PEES Power Systems

# What is the best way to generate electricity for Bolivia's power plants



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### Successful implementation of the Power System in Bolivia

The Powersystem was first presented to representatives of the Bolivian energy sector, including ministries, GIZ and ENERTRAG, in July 2022. The following months were characterised by ...

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### Energy profile: Bolivia

In March 2022, Bolivia began exporting electricity to Argentina via the Juana Azurduy de Padilla 132 kV electric transmission line, becoming an electricity exporter for the first time.



### Insert the title here

To better answer this question, a long-term optimization model of the Bolivian energy sector was developed with OSeMOSYS, considering the national energy demands, disaggregated by fuel and ...

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## 1 Contribution to the energy

## transition in Bolivia (2021)

Bolivia's overall energy mix is dominated by fossil fuels, with natural gas (50%) and petroleum products (31%) supplying most of the country's energy in 2020. Bolivia's electricity production is based on ...



## Embracing the Energy Transition: Bolivia's Challenges and

Bolivia's energy policy has largely emphasized natural gas, focusing on expanding gas networks domestically and boosting electricity generation for export through thermoelectric plants. ...

## Electrification in Bolivia

Besides reaching universal access, the Bolivian electricity sector has the added challenge of embracing the energy transition and shifting to cleaner energy sources while meeting the growing demand.



## Pathway to a fully sustainable energy system for Bolivia across power

These simulation results suggest that a fully sustainable energy system for power, heat, transport, and desalination sectors for Bolivia by 2050 is both technically feasible and economically ...



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## Bolivia Electricity Generation Mix 2024 , Low-Carbon ...

Bolivia's electricity mix includes 60% Gas, 28% Hydropower and 4% Wind. Low-carbon generation reached a record high in 2024.



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## Towards low-carbon energy systems: The case of Bolivia until 2035

This work demonstrated that a Bolivian energy system with a high share of renewable resources is possible, leading to energy sovereignty addressing climate change.



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