

# Wind solar Bolivia





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### Bolivia Oruro Solar Plant , LAIF

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

In the study of Jacobson et al. (2017), Bolivia's all-purpose end load would be covered by 22% wind energy, 15% geothermal, 3% hydropower, 49% solar PV, and 10% CSP. For the whole of South America, Löffler et al. (2017), find roughly 40% shares of both hydropower and solar PV, with the remaining 10% covered by wind offshore and onshore.



### GIS-based solar and wind resource assessment and least-cost 100 ...

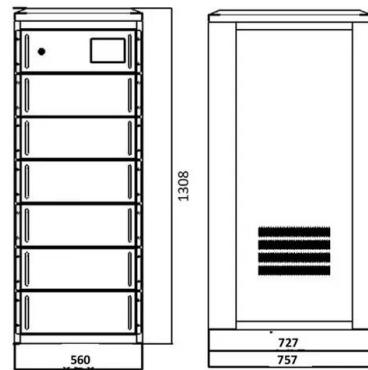
Solar PV and wind together accounted for only 3 % of the electricity generated in Bolivia in 2020 (CNDC, 2020b). However, renewable energy penetration in Bolivia is likely to increase in the next decade.

### ENERGY PROFILE Bolivia (Plurinational State of)

Onshore wind: Potential wind power density (W/m<sup>2</sup>) 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 ...



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### Bolivia to install 160 MW of renewable energy by 2025

(SeeNews) - Jan 31, 2014 - Bolivia plans to install solar, wind, geothermal and biomass plants of at least 160 MW by 2025, deputy electricity minister Hortensia Jimenez said. The country has ...



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The PV plant boosts electricity generation by approximately 100 GWh/year and contributes to the diversification of the Bolivian energy mix, reinforcing Bolivia's national strategy to develop renewable energies (wind and solar), which are expected to ...



## Renewable Energy in Bolivia: On the Road to Sustainability

One major breakout for renewable energy in Bolivia was the construction of its first wind power plant in 2014, located in Qollpana, Cochabamba. This was followed by the release of the "Electric Plan of the Plurinational State of Bolivia 2025," a document explaining the government's long-term vision of an energy-independent country

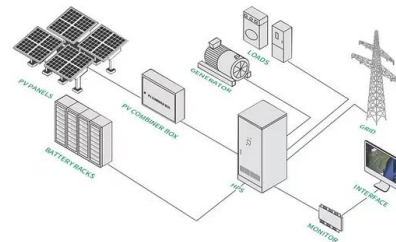


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## Bolivia's Renewable Energy Future: Investment Prospects

As of 2022, Bolivia has 11 renewable energy projects focused on solar, hydroelectric, or wind power. Bolivia's commitment to renewable energy is closely tied to its ...



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Onshore wind: Potential wind power density (W/m<sup>2</sup>) 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.



## Bolivia's Tarija may get 60 MW of wind, solar projects

Bolivia's energy ministry presented plans for the development of a solar project of about 10 MW and a wind farm of at least 48 MW in the southeastern Tarija department. The solar park in Yunchara represents an investment of some USD 15 million (EUR 13.4m), while the wind project is calling for an investment of USD 50 million, said local



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(SeeNews) - Jan 31, 2014 - Bolivia plans to install solar, wind, geothermal and biomass plants of at least 160 MW by 2025, deputy electricity minister Hortensia Jimenez said. The country has the opportunity to use solar energy in the high plateau and wind energy in the Qollpana area, in Cochabamba department, and in Santa Cruz department.



## Bolivia Solar Report ,, PVknowhow

The top 4 wind farms in Bolivia are the following:  
El Dorado Wind Farm: 25. Capacity: 54 MW;  
Location: Santa Cruz; Details: Inaugurated on November 5, 2021, it is the largest wind farm in

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El Dorado Wind Farm: 25. Capacity: 54 MW;  
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