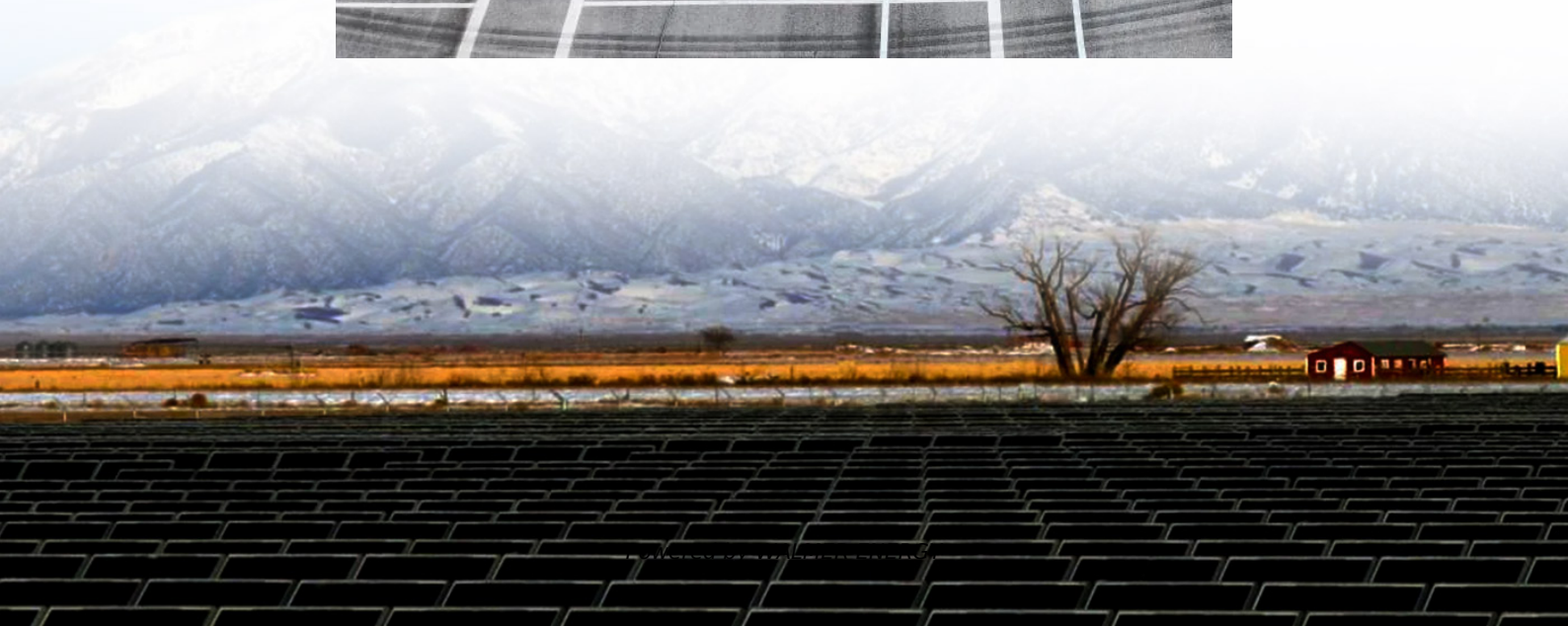


Does the Bolivian project need energy storage





Overview

What will be Bolivia's energy transition?

This transition for Bolivia would be driven by solar PV based electricity and high electrification across all energy sectors.

What is the primary source of energy for Bolivia?

The primary source of energy for Bolivia from this study is solar PV. Such high shares of solar PV in Bolivia are supported by solar resource findings in Breyer and Schmid (2010), which determined Bolivia to be among the ten countries with the maximum solar irradiation for fixed optimally tilted PV systems.

Can solar PV reduce energy poverty in Bolivia?

These efficiency savings can be estimated to about 22%, 14%, and 26% for BPS-1, BPS-2, and BPS-3, respectively. Furthermore, large-scale development of solar PV, particularly in off-grid communities, can serve to reduce energy poverty in Bolivia (Sovacool, 2012).

Does Bolivia have a long-term energy plan?

As previously mentioned, the Bolivian government does not provide any long-term energy planning study, however, the UNFCCC (2015b) states that RE will compose 81% of electricity generation by 2030. Bolivia's scenario for 2027 according to MHE (2009) states that biomass sources will comprise 8% of total final energy demand.



Does the Bolivian project need energy storage

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