

What type of energy system does Bolivia use?

Similar to the country's total energy system, the power sector relies heavily on natural gas (AETN, 2016). The electricity network in Bolivia is broken into two classifications: the National Interconnected System (SIN) and the Isolated Systems (SAs).

Why are large hydropower installations planned in Bolivia?

Moreover, large hydropower installations planned by the Bolivian government is intended to produce export electricity, rather than for use within Bolivia (MHE, 2009).

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.

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There are several types of energy storage technologies that can be employed to support Bolivia's energy transition, including batteries, pumped hydro storage, and thermal energy storage.

The site in the municipality of Baures, Bolivia. Image: Cegasa. The largest lithium-ion battery storage system in Bolivia is nearing completion at a co-located solar PV site, ...

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