

SolarTech Power Solutions

Bolivia energy storage battery air transport plan



Overview

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).

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.

What are the policy guidelines for the energy sector in Bolivia?

The Bolivian government has established the following policy guidelines for the energy sector: energy sovereignty, energy security, energy universalization, energy efficiency, industrialization, energy integration, and strengthening of the energy sector (MHE, 2014).

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.

Does Bolivia have a lithium resource?

Given that Bolivia's PT region is home to the largest lithium reserve in the world (Sauer et al., 2015), development of cost of Bolivia's own lithium usage as extraction of this resource develops may influence decision makers regarding lithium applications in the Bolivian energy system.

What are the heating demands in Bolivia?

Residential heating demands in Bolivia are quite low, though they do notably increase throughout the transition as access to energy services increase, except for biomass for cooking, which is phased out by the end of the transition. Heating demands are projected to increase from 52 TWh in 2015 to 205 TWh in 2050. Fig. 12.

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ENERGY PROFILE Bolivia (Plurinational State of)

Additional notes: Capacity per capita and public investments SDGs only apply to developing areas. Energy self-sufficiency has been defined as total primary energy production divided by ...



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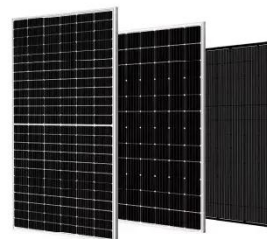


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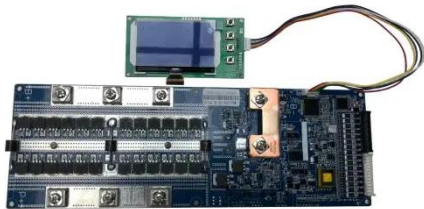
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