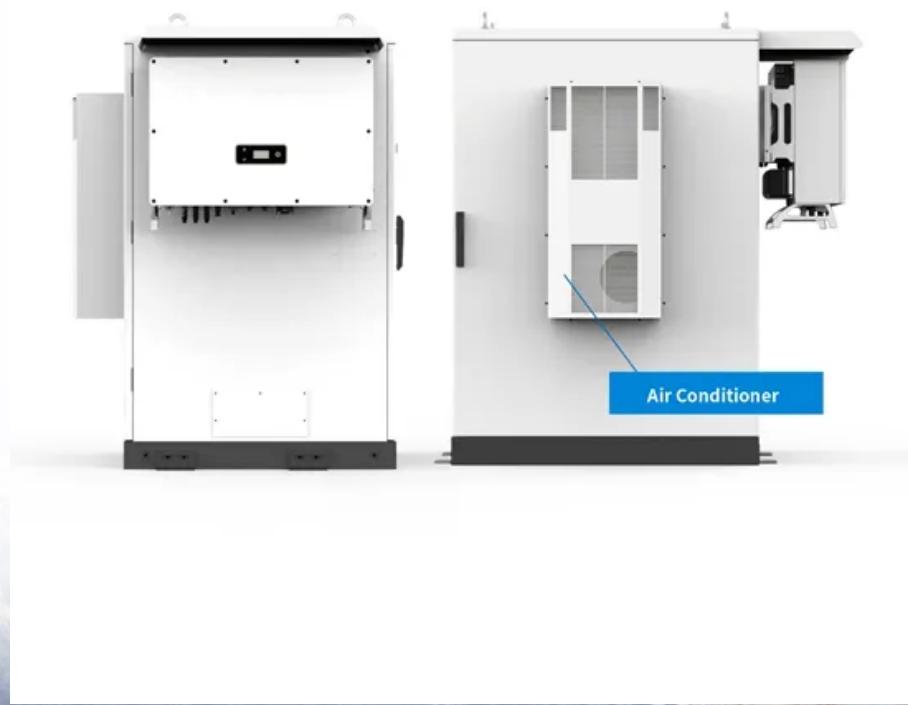


Ecuador forest fire prevention solar container communication station wind and solar complementarity



Overview

What barriers influence the expansion of PV energy in Ecuador?

Main barriers that influence the expansion of PV energy in Ecuador. Source: Authors. EB, economic barriers; PB, political barriers; SB, social barriers; TB, technical barriers.

What are the energy policies in Ecuador?

Energy policies in Ecuador emphasize the need to diversify energy sources. In Ecuador, energy subsidies are a barrier to achieving a diversified energy mix. The hydroelectric resource compromises the implementation of renewable energies. The adoption of renewable technologies is conditioned to local factors.

How important is installed power in Ecuador?

In the Ecuadorian case, the use of installed power is growing, with special attention to large power plants, as exemplified by the Coca Codo Sinclair project, with 1500 MW. Projects currently at risk of erosion that affect feed flows expose the fragility of a poorly diversified system.

What are the barriers to solar energy adoption in Chile?

In this case, the cost of electricity, generation capacity, and PV energy are notable of the 23 barriers analysed. In Chile, among 18 barriers that limit the adoption of solar PV energy, WE, and biomass, hydroelectric, and geothermal energy, the main barriers are connection restrictions, permitting delays, and acquisition of land or water leases.

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