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Centralized solar power generation with energy storage in Cordoba Argentina





Overview

In Argentina, renewable energies are promoted as a way of decarbonising the electricity mix and providing reliable energy services. The national goal is to generate 20% of electricity from renewable sources.

Is Argentina a good country for solar energy?

Introduction There is a measure of agreement that Argentina's solar resource is ideal for photovoltaic (PV) and solar thermal (ST) development, both for large- and small-scale (distributed) installations. The yearly Renewable Energy Country Attractiveness Index published by Ernst and Young places Argentina in the 18th position for PV .

Is solar photovoltaic the future of electricity generation in Argentina?

However, despite significant natural potential, solar photovoltaic still represents only a small share of Argentina's total electricity generation. Although this picture may look bleak, a wide range of market segments relating to decentralised photovoltaic generation in Argentina have developed.

What is the contribution of photovoltaic electricity to Argentina's grid system?

The first contribution of photovoltaic electricity to Argentina's grid system occurred in 2011, with a participation of 0.0014% to the total electricity demand, which is a modest contribution to the 1% incidence of renewable energy (RE) at the time, which included small, i.e., ≤ 50 MW, hydroelectric plants .

Why is solar thermal technology less developed in Argentina?

Solar thermal technology is even less developed, in part due to the low natural gas prices resulting from political strategies that aim to soften the impact of an unstable economy on family budgets. This review describes this gap by summarizing the current state of Argentine solar energy.



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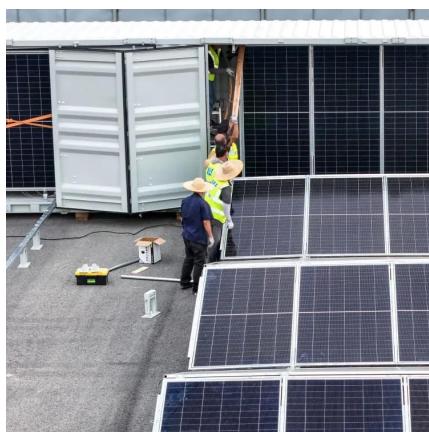
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