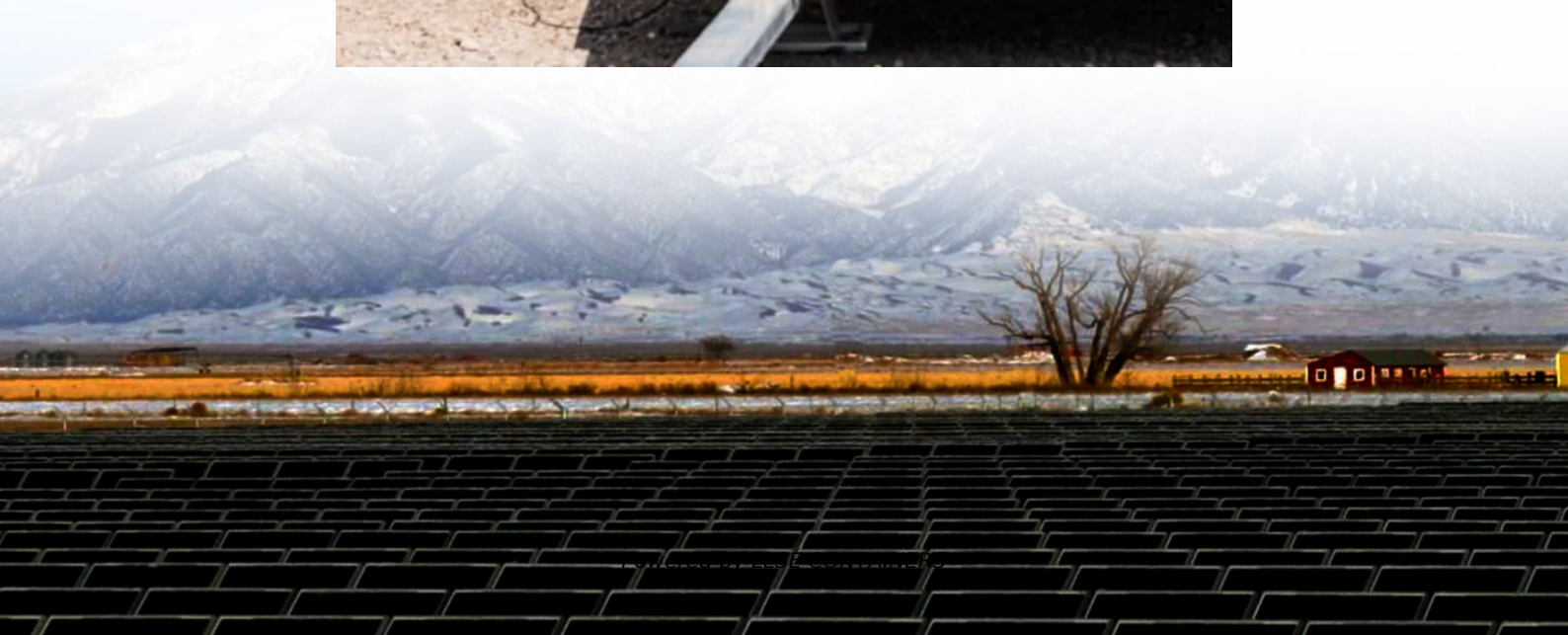


# **Solar power with grid backup in Argentina**





## Overview

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Why is solar energy important in Argentina?

The north of Argentina experiences high levels of solar radiation and has the capacity to produce electricity and jobs for rural and underserved communities in the country. Unfortunately, there are several factors limiting the total deployment of renewable energy in Argentina.

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.,  $\leq 50$  MW, hydroelectric plants .

When did solar thermal energy become a key energy source in Argentina?

Solar thermal energy in Argentina was already considered a potential key energy source in 1975 , when a national R&D program for the development of solar energy and other renewables was launched, leading to numerous research programs (see next section) and the elaboration of norms and certification criteria for ST collectors .

How can Argentina improve energy security?

Argentina's expansions could help diversify the energy mix and enhance energy security. It aims for renewables to account for over 50% of electricity generation by 2030. These ambitions could help reduce energy demand by at least 8% through efficiency measures and responsible consumption.



## Solar power with grid backup in Argentina



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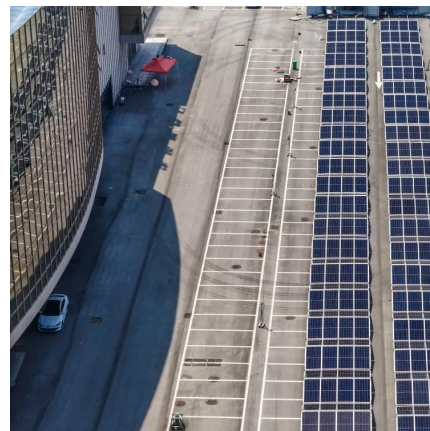


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