

PDEOZE PowerContainer

Solar power generation for homes in Chilean buildings



Overview

Due to its high solar potential, solar power developments will likely grow most in the north. Solar generation is expected to contribute 46% of Chile's electricity in 2060. Overview Solar power in Chile is an increasingly important source of energy. Total installed photovoltaic (PV) capacity in Chile reached 11.05 GW in 2023. In 2024, Solar energy provided 19.92 TWh of electricity generation.

In June 2014, the 100- (MW) Amanecer Solar CAP, a located near in the was inaugurated. It was developed by the company with the same name, Amanecer.

In 2013 the Atacama 1 solar complex was proposed as a 110 MW electric plant (the first in Latin America) and a 100 MW photovoltaic plant. The solar thermal plant will include 17.5 hours of .

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The use of solar energy can partly replace electricity generation in conventional power plants, which contributes to achieving the goals of reducing emissions and energy dependence in Chile.

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