



# Chilean solar power system

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In 2025, Chile installed 1.13 GW of new solar capacity, reaching a cumulative total of 11.63 GW. Solar energy accounted for over 31% of the country's electricity generation.

The first two phases of Oasis de Atacama, the largest solar power and energy storage project in Latin America, have come on stream in Chile's Antofagasta Region.

Chile is developing two types of solar technology: solar photovoltaic (PV) panels and solar thermal energy. There are 44 solar PV projects under evaluation, 86 in the approval process, 318 ...

Chile has become a leader in Latin America in using renewable energies, especially solar energy. Its privileged natural resources put the country in an enviable position to transform its energy ...

Chile has reached fresh milestones in its energy transition amid a rapid build-out of solar and battery storage infrastructure. The context: The South American nation's brisk shift to clean ...

Government officials have said they expect solar power will account for 46% of the country's total installed generation capacity by 2060, with most of that solar located in the north of...

The rapid growth in renewables in Chile has been provided by solar and wind, which currently account for 21% and 12% of generation, respectively. Their share has more than doubled ...

There are currently more than 3.9 GW of photovoltaic power under construction in the country. Nearly 70% of Chile's electricity generation in June was renewable, and solar energy ...

In this report, we model a long-term outlook for the energy system, as well as an accelerated de-carbonization scenario, to explore how Chile's power system may adapt to increasing volumes of ...

Due to its high solar potential, solar power developments will likely grow most in the north. Solar generation



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is expected to contribute 46% of Chile's electricity in 2060.

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