



# Solar power plant in Chile

What is the largest solar plant in Chile?

The plant, that started its operations in 2018 and is co-owned by EDF power solutions Chile and AME, is the largest solar park in the Metropolitan Region, Chile's most populated area. In 2022, construction began on what will be the largest solar plant in Chile with a capacity of 480 MW and developed by Generadora Metropolitana.

How much solar power does Chile use?

It uses 776,000 polycrystalline silicon photovoltaic modules. The solar irradiance has been measured at 853 W/m<sup>2</sup>. Chile has decided to use its abundant sun and wind to phase out coal-fired power by 2040 and achieve carbon neutrality by 2050. Chile generated roughly 7 percent of its electricity from solar power in 2018.

What is the world's largest solar plant in the Atacama Desert?

ACCIONA developed the world's largest solar plant in the Atacama desert between October 2015 and November 2016, and it had the highest capacity of any such plant in Latin America when it was finished. Its peak capacity of 246 MWp, generates enough electricity to power roughly 240,000 Chilean households.

Where is the Santiago solar photovoltaic plant located?

The Santiago Solar photovoltaic plant is located in Til Til, Metropolitan Region, 50 km north of Santiago.

Data and information about Solar power plants and their location plotted on an interactive map of Chile.

Solar PV capacity accounted for 16.4% of total power plant installations globally in 2023, according to GlobalData, with total recorded solar PV capacity of 1,496 GW.

Enel Green Power Chile, will commence commercial operations of stages 1, 2, and 3 of the Las Salinas PV solar power plant. It will operate in conjunction with the Sierra Gorda Este wind ...

Chile has one solar thermal energy project that has been approved. The estimated combined total power capacity of approved projects and those under construction is approximately ...

Here is a list of the largest Chile PV stations and solar farms. Get to know the projects' power generation capacities in MWp or MWAC, annual power output in GWh, state of location and exact location on ...

Chile is rapidly moving to build more power generation capacity, with much of that effort focused on renewable energy resources and battery energy storage systems (BESS). The country ...

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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.



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1. Policy Framework and Resource Potential National Strategy The Chilean government has laid out a clear vision for renewable energy in its "Energy Roadmap 2050." All renewable energy ...

EDF inaugurates the largest solar power plant in Chile On 8 July 2024, Chile's largest solar power plant, CEME 1, was inaugurated in an activity led by national authorities and in which ...

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