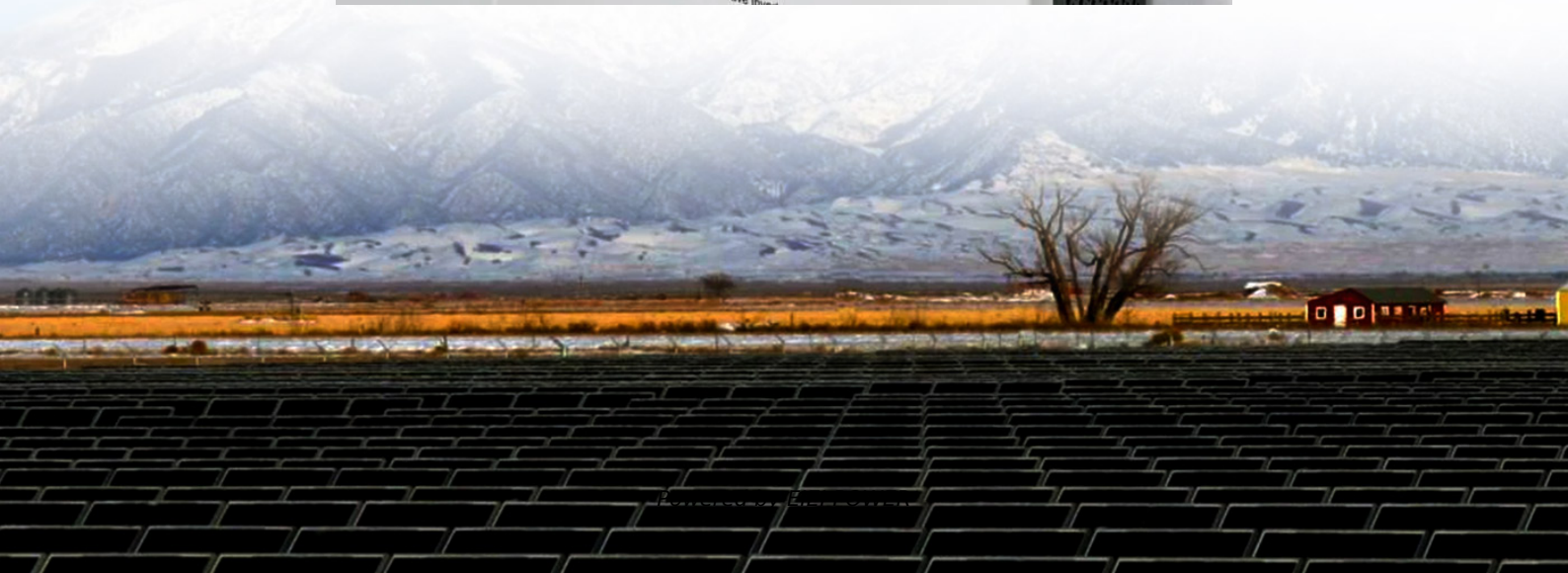


China solar powered generator in Chile





Overview

What is Chile's largest solar power project?

In the heart of Chile's Atacama Desert lies the country's largest solar power project, CEME1, built by Power Construction Corporation of China (POWERCHINA). Officially commencing commercial operations in July this year, the project is a major milestone in Chile's efforts to promote energy transition and achieve its carbon neutrality goals.

Where is a 480 MW solar plant being built in Chile?

From pv magazine Latam PowerChina Chile, Renewable Energy – a unit of energy and infrastructure developer PowerChina – has finished building a 480 MW solar plant in María Elena, in Chile's Antofagasta region. Claudio Araya Aguilar, the company's head of human resources and labor relations, announced the plans on LinkedIn.

How much energy can a Chilean power plant produce a year?

A 220 kV step-up substation and approximately 10 kilometers of transmission lines have also been installed. The facility can provide clean energy to around 500,000 Chilean households annually, reducing carbon dioxide emissions by approximately 280,000 tons.

What is Chile's largest solar farm?

Claudio Araya Aguilar, the company's head of human resources and labor relations, announced the plans on LinkedIn. He said that the facility he manages is now Chile's largest operational solar farm. The company built the plant with 882,720 panels provided by an undisclosed manufacturer, on a plot of land spanning 435 hectares.



China solar powered generator in Chile



[Chile 480MW solar farm connected to grid with full capacity](#)

May 20, 2024 · The CEME1 480-megawatt Solar Farm, built by POWERCHINA in Chile, was connected to the grid on April 24 at full capacity, meaning it will soon begin operating ...

Chinese solar project reflects Chile's energy development ...

Oct 9, 2025 · Over the past decade, Chile has made progress in closing coal-fired power plants and expanding clean energy sources such as solar and wind power, in pursuit of its goal of ...



Chile Focuses on Solar and Storage as Generation Capacity ...

Jul 1, 2025 · 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). ...



Generadora Metropolitana energises 480-MW solar farm in Chile

Mar 18, 2024 · Chilean power producer Generadora Metropolitana has initiated the commissioning of its 480-MW CEME1 solar farm located in Maria Elena in Chile's Antofagasta ...



PowerChina announces completion of a 480 MW solar plant in Chile

Jan 8, 2024 · PowerChina Chile has announced the completion of a 480 MW solar plant in Chile. The solar project is located in Maria Elena, in the Antofagasta region of Chile. According to the ...



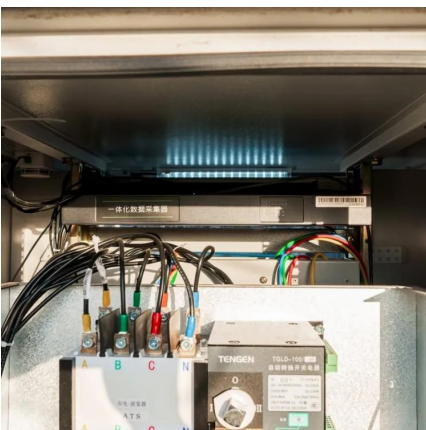
[Chile Focuses on Solar and Storage as ...](#)

Jul 1, 2025 · Chile is rapidly moving to build more power generation capacity, with much of that effort focused on renewable energy resources and ...



PowerChina finalizes construction of 480 MW PV plant in Chile

Jan 4, 2024 · PowerChina has finished building a 480 MW solar plant in the Atacama Desert in northern Chile, which is recognized for having the world's highest solar radiation levels.





[Generadora Metropolitana energises 480 ...](#)

Mar 18, 2024 · Chilean power producer Generadora Metropolitana has initiated the commissioning of its 480-MW CEME1 solar farm located in ...

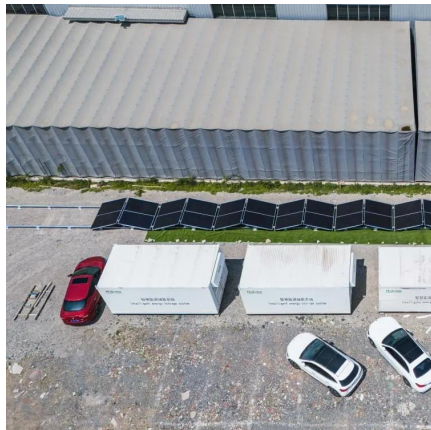


[CEME1 Solar Plant Online: Major News for ...](#)

Jul 6, 2025 · POWERCHINA's 480 MW CEME1 solar plant is now online in Chile, generating 1.18 billion kWh annually to help the nation meet its ...

[Chile 480MW solar farm connected to grid ...](#)

May 20, 2024 · The CEME1 480-megawatt Solar Farm, built by POWERCHINA in Chile, was connected to the grid on April 24 at full ...



[Chile's largest solar plant inaugurated by EDF](#)

On July 8, 2024, in the presence of national and regional authorities and key players in the energy sector, the largest solar plant in Chile, CEME 1, which is part of the EDF Group's portfolio in ...



[PowerChina activates 480 MW CEME1 solar plant in Chile ...](#)

Jun 18, 2025 · America Bytes: Located in Chile's Atacama Desert, the 480 MW CEME1 solar project, built by PowerChina, began operation supplying 400,000 homes and offsetting ...



[PowerChina finalizes construction of 480 MW ...](#)

Jan 4, 2024 · PowerChina has finished building a 480 MW solar plant in the Atacama Desert in northern Chile, which is recognized for having the ...

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Jul 6, 2025 · POWERCHINA's 480 MW CEME1 solar plant is now online in Chile, generating 1.18 billion kWh annually to help the nation meet its 2050 carbon neutral goal.



[Chinese SOE Drives Chile's Energy Transition With Solar ...](#)

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