

China Aluminum invests in solar power generation



Overview

Recently, China Aluminum Group Co. (CHALCO)'s first floating PV power station on water successfully achieved grid connection and began generating electricity, setting a new benchmark for the industry's green transformation. China is the dominant force in next-generation energy technologies today. It's pouring hundreds of billions of dollars into putting renewable sources like wind and solar on its grid, manufacturing millions. China is the world's largest energy consumer and greenhouse gas emitter – it is also undergoing one of the most ambitious energy transitions in history. Guided by its goals of peaking carbon emissions before 2030 and achieving carbon neutrality by 2060, the country is rapidly reshaping its power. PVTIME – On May 11, State Power Investment Corporation (SPIC) released a new on official website that its 23 MW distributed photovoltaic project in Qingtongxia is connected to the grid at full capacity. The Qingtongxia project is the first distributed photovoltaic project for electrolytic aluminum. China installed a record 315 GW (AC) of new solar capacity in 2025, lifting cumulative installed PV capacity to 1. 28. Last year, a viral drone video from China's Guizhou province revealed an entire mountain range blanketed in solar panels stretching to the horizon.

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China Aluminum Group's First Floating Solar Power Plant Begins

Recently, China Aluminum Group Co., Ltd. (CHALCO)'s first floating PV power station on water successfully achieved grid connection and began generating electricity, setting a new ...

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The Amount of New Solar Power Production Capacity China Is

China's solar energy production is reaching simply staggering levels, dragging energy costs down around the globe.

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China adds 315 GW of solar in 2025 - pv magazine International

China installed a record 315 GW (AC) of new solar capacity in 2025, lifting cumulative installed PV capacity to 1.2 TW and pushing non-fossil power sources past thermal generation for the ...

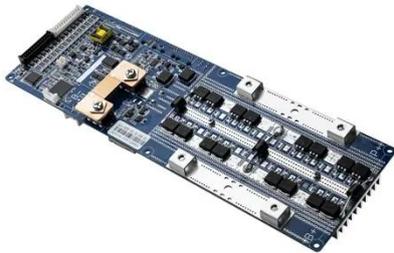
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China Primary Aluminium

production: Headwinds and Tailwinds ...

China Primary Aluminium production: Headwinds and Tailwinds for Decarbonisation China is the world's largest producer of primary aluminium and long-term demand for this material is expected to rise.

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China's energy dominance in three charts

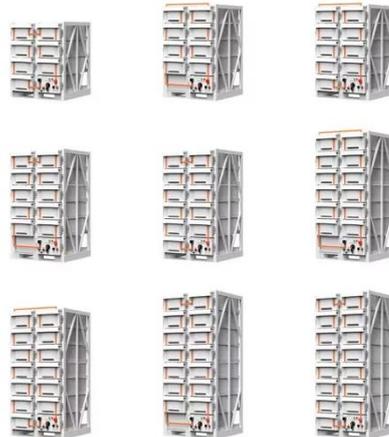
China is the dominant force in next-generation energy technologies today. It's pouring hundreds of billions of dollars into putting renewable sources like wind and solar on its grid,

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China sets renewable energy targets for aluminum production

China's state planner has set targets for the use of renewable energy for aluminium production, it said in a statement on Friday.

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23.87 MW! the First Distributed PV Project for Electrolytic Aluminum

The Qingtongxia project is the first distributed photovoltaic project for electrolytic aluminum plant in China. It is invested by Ningxia Qingtongxia Energy

and Aluminum Group Co., Ltd., and its ...

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China Wind & Solar brief July 2025

China is advancing a nearly 1.3 terawatt (TW) pipeline of utility-scale solar and wind capacity, leading the global effort in renewable energy buildout. This is in addition to China's already operating 1.4 TW ...

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How China adds more renewable energy than any other economy

China is adding more solar and wind power to its energy grid than any other economy - but that huge buildout has its challenges. Here's what we can learn

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Why China Remains an Attractive Market for Renewables Investment

...

Various government support schemes, coupled with falling technology costs enabling merchant builds, have led to

605 GW of solar PV and 267 GW of wind
being between 2021 and ...

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