



MODERNIZATION SOLAR

The largest energy storage project in South America





Overview

The Oasis de Atacama Project ranks among the world's largest electrochemical energy storage projects, with total storage capacity reaching 11GWh. What is the largest battery storage project in South America?

One of the largest battery storage projects in South America is being built in the Chilean Atacama desert. It complements the existing 220 MW PV power plant Diego de Almagro Sur operated by the electric utility company Colbún S.A. Since 2022, the plant has been supplying the region with solar power using SMA technology.

How is solar energy stored in Latin America?

“Solar power is stored in a grid-supportive manner and is used 24/7 to stabilize the grid. This underscores SMA's commitment to the expansion of a sustainable and secure energy supply in Latin America.” The large-scale storage system is being built in the commune of Diego de Almagro in the Atacama region.

Is Quillagua the largest solar-plus-storage site in Latin America?

Commercial operation of the power purchase agreement-backed site – which features 221 MW of solar generation capacity and a 200 MW/1.2 GWh battery energy storage system (BESS) – is expected within weeks. The developer says Quillagua is the largest solar-plus-storage site in Latin America.

What is the largest battery system in Latin America?

AES Andes has completed the largest battery system project in Latin America with an output of 112MW and a five-hour lithium battery.



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Atlas Renewable Energy launches a 200 MW energy storage project ...

Nov 25, 2025 · Atlas Renewable Energy officially inaugurated the BESS del Desierto, a battery energy storage system developed in partnership with Chilean company COPEC through its ...

Central & South America

Nov 12, 2025 · Atlas Renewable Energy says its 201 MW solar project in Ibagué represents the company's first utility-scale installation in Colombia ...



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Apr 15, 2025 · TrendForce has learned that KKR Group's Contour Global completed the construction of the Quillagua solar-plus-storage power ...



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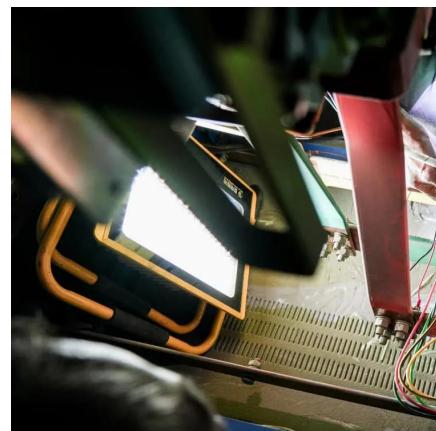
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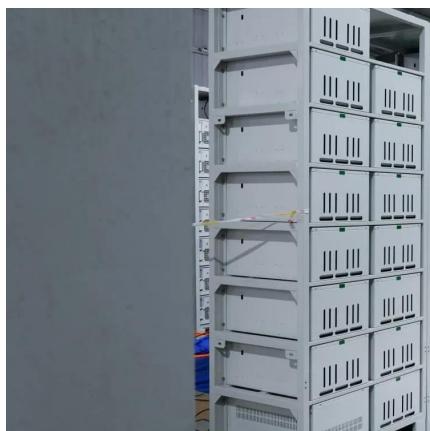
CATL to supply 1.25GWh energy storage to ...

Oct 30, 2024 · The capacity will be for the Oasis de Atacama solar-plus-storage project in Chile, which is the 'world's largest energy storage' ...



South america london energy storage project

The South America energy storage market offers several benefits for industry participants and stakeholders. Energy storage providers gain from market growth, technology innovation, and ...



Greenergy plans 'world's largest' 4.1GWh Chile ...

Nov 23, 2023 · IPP Greenergy has detailed its investment plans to 2026, including the 'largest battery storage project in the world', it claimed.

Latin America's largest solar-plus-storage ...

Apr 10, 2025 · Latin America's largest solar-plus-storage project goes online ContourGlobal's site features six-hour storage capacity alongside 221

...



In Chile, ENGIE starts commercial operation of ...

ENGIE obtained approval from the National Electricity Coordinator (CEN) to start commercial operation of BESS Coya, the largest battery energy ...



[BYD and Greenergy Sign Latin America's Largest Energy Storage ...](#)

The Oasis de Atacama project is poised to become the world's largest solar-plus-storage facility, combining 2 GW of photovoltaic generation with 11 GWh of energy storage capacity. ...



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[Greenergy and BYD extend deal for 'world's ...](#)

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