

# Chile energy storage battery investment project





## Overview

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Is Chile ready for a battery storage project?

Battery storage projects cannot come soon enough for Chile. While Chile has been at the forefront of renewable energy generation growth in Latin America for close to a decade, that growth has most recently undergone serious growing pains.

Where are Chile's battery energy storage facilities located?

Chile's first battery energy storage projects were commissioned in 2009, and all but two of its 16 administrative regions have facilities in operation, under construction or in the planning stage. The greatest installed capacity is found in the northern regions of Antofagasta and Tarapacá, the country's solar powerhouses.

How many energy storage projects are in Chile?

According to a December 2023 publication on the InvestChile website, the country had 23 approved energy storage projects with a total of 3,000 MW of capacity. Chile is exploring a variety of solutions to keep abreast of the changing energy demand landscape ranging from BESS to innovative projects using CO<sub>2</sub>.

Will Chile be able to develop energy storage projects in 2024?

In 2022, Chile passed an energy storage and electromobility bill, which made stand-alone storage projects profitable, but the market is still expecting new rules on capacity payment for storage projects, which are to be approved in 2024. Chile has also put in place an auction procedure to award public land for the development of BESS projects.

What is CIP's first energy storage project in Chile?

"The project has issued the final notification for its execution and will be one of the first projects of this type to reach commercial operations in Chile," the



company said in a statement. The 220 MW/1.1 GWh site is CIP's first energy storage project in Chile.

How can Chile keep up with the changing energy demand landscape?

Chile is exploring a variety of solutions to keep abreast of the changing energy demand landscape ranging from BESS to innovative projects using CO<sub>2</sub>. In March 2024, BESS Coya, the largest battery-based energy storage system in Latin America, started operations.



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### **Zelestra signs major BESS agreement with Sungrow for 1 GWh of energy**

Zelestra, a global, multi-technology, customer-focused renewable energy company, has signed a major agreement with Sungrow to provide cutting edge battery storage ...

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### **SUSI Partners Adds Battery Energy Storage Portfolio to Activities in Chile**

SUSI Partners, through its SUSI Energy Transition Fund ("SETF"), has agreed to fund the development of a battery energy storage portfolio in the central-southern area of ...

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### **Energy storage is a challenge and an opportunity for Chile**

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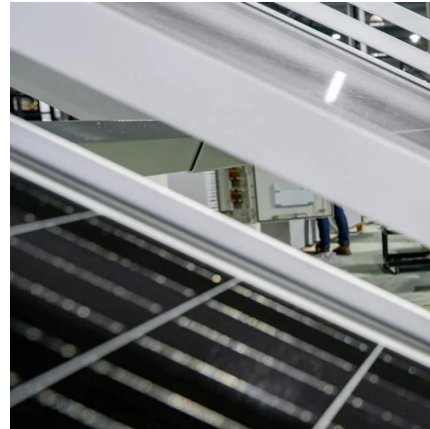
### **CVC DIF to acquire a large scale hybrid solar PV and battery ...**

The project is currently under construction in Northern Chile and comprises 272 MW of installed solar PV capacity and 1,100 MWh of



battery storage. The investment highlights ...

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### **Greenergy, CATL team up on world's largest energy storage project**

Located in the Chilean Atacama Desert, the facility -- the world's largest energy storage project -- has a capacity of 11GWh and a solar capacity of 2GW. With an overall ...

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### **CIP begins construction of energy storage project in Chile**

The project aims to support the integration of large-scale solar projects into the Chilean grid, helping to reduce CO<sub>2</sub> emissions in the region. BESS ( battery storage system ) ...

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### **CVC DIF to acquire a large scale hybrid solar PV and battery storage**

Gabriela will combine large-scale PV and battery storage to deliver reliable, clean energy and improve the resilience of the Chilean grid. This investment underlines our long ...

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## Chile announces \$2 billion tender mechanism for energy storage

The planned energy storage projects will be located in various sites in northern Chile, where most solar and renewable energy power plants are situated, requiring a total ...

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## Chile makes progress on energy storage with 20+ approved projects

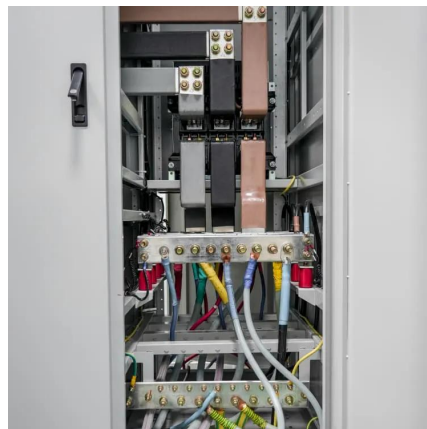
The technological diversity of energy storage projects in Chile is remarkable. From battery storage systems to innovative projects with gases such as CO<sub>2</sub>, the country is exploring different ...

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## CIP building 1.1 GWh standalone battery storage project in Chile

Copenhagen Infrastructure Partners (CIP) has approved a final investment decision and started construction of the Arena battery energy storage system (BESS) project, with the ...

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## CIP starts construction on 1.1GWh standalone BESS in Chile

Copenhagen Infrastructure Partners (CIP) has reached final investment decision on a 220MW/1,100MWh battery energy storage system (BESS) project in Antofagasta, Chile.

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### **Zelestra signs major BESS agreement with Sungrow for 1 GWh of energy**

The significant deal will see the supply of Sungrow's PowerTitan 2.0 liquid-cooled Battery Energy Storage System and supply of Sungrow's MV Power Conversion Unit for the 1 ...

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### [Chile Already Halfway to 2 GW Energy Storage Target](#)

Chile's energy storage sector is experiencing significant growth, as outlined in the latest "Report on Projects Under Construction and Investment in the Energy Sector" by the ...

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### [Gigawatts of BESS Opportunities in Chile: Key Risk...](#)

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