



# Chile Valparaiso Compressed Air Energy Storage Project





## Overview

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How many energy storage projects are in Chile?

Currently, 36 of the 129 large-scale projects Latin America projects with an energy storage component under development are in Chile, including 32 out of 71 of the region's early works projects. The storage technologies either in use or being considered include:.

Is Chile the future of energy storage?

Already one of Latin America's top markets for renewables, Chile leads the region on energy storage — and in embracing concepts that could break new ground in a global context. Chile's installed base of 64 megawatts and 79 megawatt-hours of storage (based on figures from BloombergNEF) is puny compared to the U.S. or China, for instance.

What is CIP's new energy storage project?

This is CIP's first energy storage project in Chile, but it is part of the company's broader strategy to invest in renewable energy across Latin America. Through its Growth Markets Fund II , CIP has reaffirmed its commitment to sustainable development and the creation of long-term energy infrastructure in the region.

Is lithium ion battery storage available in Chile?

While many projects are under development, lithium - ion battery storage is still limited. According to data from Acera, the Chilean Renewable Energy Association, there are only 64MW of battery storage capacity currently active, representing 0.2% of national capacity.



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

By the end of March 2025, the country had 954 MW of operational energy storage capacity, representing 48% of its national target of 2 GW by 2030. This progress highlights ...

### **Chile Energy Storage Project Tender Announcement: What You ...**

If you're in the energy storage game, Chile's 2025 tender announcement is like spotting a rare bird in the Atacama Desert--exciting and packed with potential.



### [Latin America's energy storage leader is getting creative](#)

Thermal storage, compressed air and more novel options are on the table in Chile. Already one of Latin America's top markets for renewables, Chile leads the region on energy ...

### [EDF Chile and UAI launch research project on ...](#)

The initiative aims to accelerate the transition to a 100% renewable electricity system in Chile by addressing the technical, ...



## [CIP starts construction on 1.1GWh standalone BESS in Chile](#)

Construction of the standalone project is expected to start in the first quarter of 2025 and powered as soon as Q1 2026, and will be one of the first projects of its kind to reach ...

## **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 CO2, the country is exploring different ...



## **Assessment of a Compressed Air Energy Storage System using ...**

Dive into the research topics of 'Assessment of a Compressed Air Energy Storage System using gas pipelines as storage devices in Chile'. Together they form a unique fingerprint.



## Chile Energy Storage

Chile will need new renewable energy storage systems to replace its current backup capacity of coal-fired plants and natural gas-powered combined cycle turbines and ...



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## EDF Chile and UAI launch research project on Long Duration Energy

The initiative aims to accelerate the transition to a 100% renewable electricity system in Chile by addressing the technical, economic, and regulatory challenges of long ...

## [CIP starts construction on 1.1GWh standalone BESS in Chile](#)

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## Assessment of a Compressed Air Energy Storage System using ...

Substations located in the proximity to existing gas pipelines are assessed as possible CAES locations. Throughout the day, the CAES system compresses air, charges the ...



## [Chile makes progress on energy storage with 20](#)

The technological diversity of energy storage projects in Chile is remarkable. From battery storage systems to innovative projects with gases such as ...



## [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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## [Latin America's energy storage leader is getting ...](#)

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