

## Global PV Storage Insights

# Expected ROI of standalone energy storage project in Chile 2026



## Overview

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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>.

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.

## Expected ROI of standalone energy storage project in Chile 2026

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### Chile Leads Latin America with the Largest Battery Energy Storage

This milestone marks a pivotal moment in the country's transition toward a sustainable and resilient energy future. The Desert BESS Project, developed by Atlas Renewable Energy, ...

### Atlas Renewable Energy Launches Chile's Landmark BESS del ...

BESS del Desierto, Chile and Latin America's first large-scale stand-alone battery energy storage system (BESS), officially inaugurated on April 24 in María Elena, ...



### Chile opens land bidding for 13GWh of storage projects in North

Applications for Chile's 13GWh programme are open until Thursday 23 May 2024. Image: Atlas Renewable Energy The Chilean Ministry of Energy has opened a public ...

### Chile to become second-largest battery market in ...

Chile is now on track to become the second-largest battery market in the Americas, following

the United States. As of this year, the Latin American nation has switched on 12 storage projects, with



## Verano Energy secures USD 204 Million Project Finance facility to

With commercial operations expected by the end of 2026, Domeyko is one of Chile's most innovative renewable energy projects, combining large-scale solar generation with ...

## The state of battery storage (BESS) in Latin America: ...

Chile Chile passed an energy storage and electromobility bill in late 2022, making stand-alone storage projects profitable for operators. However, the market is still awaiting new rules regarding a capacity payment for storage ...



## Atlas Renewable Energy - Powered by Excellence

It will also feature two battery storage systems with a 418 MW capacity, equivalent to four hours of energy generation. This will enable the project to supply clean ...

## Energy storage is a challenge and an opportunity for ...

Chile will add a further 1 GW of capacity by 2026, with public land set aside by the government for energy storage projects in a reportedly imminent tender. The energy ministry spokesperson told Dialogue Earth that ...



## Greenergy plans to invest EUR2.6bn by 2026, build BESS

...

Greenergy has started construction on the Oasis de Atacama project, a new battery energy storage system (BESS) in the north of Chile. It will be the world's largest BESS project with a 4.1GWh storage and 1GW solar ...

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

In related standalone BESS Chilean news, DNV provided support to Atlas Renewable Energy's 800MWh project in Antofagasta. Image: Atlas Renewable Energy ...



## ContourGlobal brings online Chile solar-plus-storage ...

The first two phases of Latin America's 'largest' solar-plus-storage project, Oasis de Atacama, have been commissioned in Antofagasta, Chile. Announced by ContourGlobal, a subsidiary of investment firm KKR, the ...

## Atlas Renewable Energy opens 800MWh BESS in Chile

Renewable energy company Atlas Renewable Energy has inaugurated its del Desierto battery energy storage system (BESS) in Chile, which they are calling one of the largest energy storage systems in Latin America. ...



## Chile approves plan to allocate public land for energy storage projects

A new initiative by the Chilean Ministry of Energy and the Ministry of National Assets is expected to cover storage projects with an aggregate capacity of 13 GWh, distributed ...

## Chile Energy Storage

Chile has the potential to run exclusively on renewable generation, with an estimated energy mix of 46% solar, 31% wind, 12% hydroelectric, and 8% flexible natural gas ...



## En Chile, un proyecto stand alone BESS de 60 MW / 300 MWh ...

El Servicio de Evaluación Ambiental de Chile (SEA) ha admitido a trámite de evaluación la construcción y posterior operación del Sistema de Almacenamiento de Energía ...

## CIP building 1.1 GWh standalone battery storage ...

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

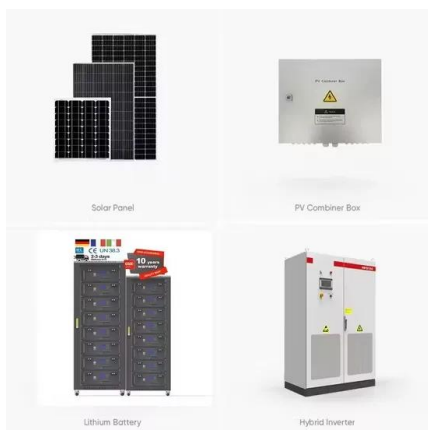


## Chile GES2024

This resulted in a surge in investment in the energy storage sector for standalone projects and a pipeline of more than 2GW of hybrid renewable energy projects co-located with solar and wind ...

## Battery Storage Unlocked: Lessons Learned From Emerging ...

Lessons Learned from Emerging Economies The Supercharging Battery Storage Initiative would like to thank all authors and organizations for their submissions to support this publication. This ...



## 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 ...

## Energy storage is a challenge and an opportunity for ...

Having launched a national storage strategy in 2023 that sets targets and aims to attract investment in the sector, and with a large pipeline of projects on the way, Chile's installed storage capacity could soon overtake that ...

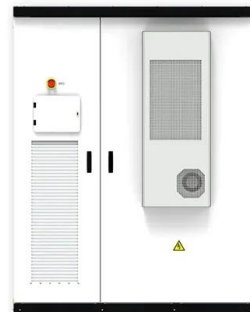


## Atlas Renewable Energy secures \$510 million for Estepa project in Chile

Atlas Renewable Energy has secured \$510 million financing for the Estepa project. It is a hybrid solar photovoltaic and battery energy storage system (BESS) project ...

## Chile advances regulation to support ambitious storage goals

Chile passed an Energy Storage Bill in late 2022 allowing standalone BESS to receive revenue both from arbitrage and from reserve capacity. The government promised to provide further ...



## Flexen puts 1GW BESS into interconnection queue in Chile

Flexen has put 1GW of standalone battery storage projects into the interconnection queue in Chile, the first of that scale, it claimed.

## Stora BESS: Chile's renewables saviour

The current wave of excitement around Chile's BESS market started in October 2022, when the Chilean government passed legislation that incentivised the deployment of energy storage. The ...



## Chile announces \$2 billion tender mechanism for ...

The Chilean authorities plan to hold the first procurement exercise for large-scale storage projects in 2024, with the first systems expected to go online in 2026.

## Chile Energy Storage Industry Holds Promise , EMIS

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 ...



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