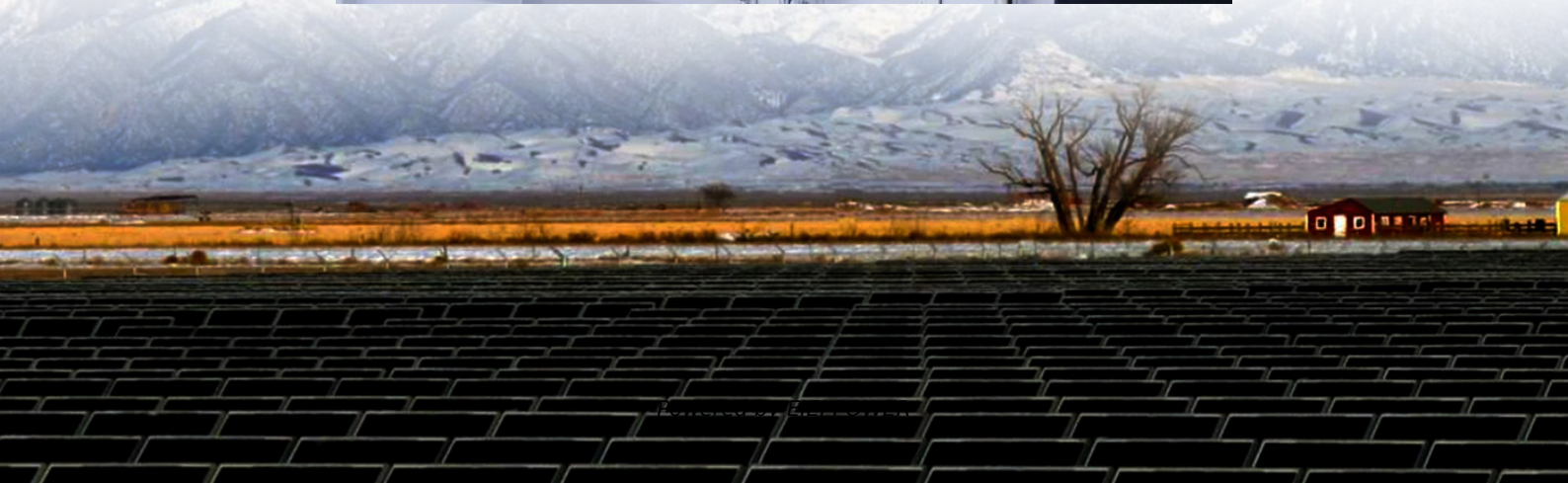


# **Valparaiso Chile has a high proportion of solar energy storage costs**





## Overview

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Why is Chile pursuing energy storage in Antofagasta?

Chilean president Gabriel Boric (centre) at the inauguration of an energy storage plant in the northern region of Antofagasta in April 2024. Chile has strong conditions for wind and solar energy, and is pursuing storage to help overcome intermittent supply (Image: Ximena Navarro / Dirección de Prensa, Presidencia de la República de Chile).

Is Chile a good place to study solar panels?

Regarding temporal aspects, Chile is considered an excellent place to explore the weather effects on solar panels, given the different conditions along different latitudes. Despite the breadth of these studies, none of them focus on the possibility of exporting energy or the global context.

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.

Is Chile a net-zero economy?

Data on Chilean renewable energy and energy transition is consolidated. Opportunities and challenges for Chile in net-zero economy are highlighted. Practical energy transition acceleration paths are identified. Prototype user-targeted 2D/3D data visualisations are developed.



## Valparaiso Chile has a high proportion of solar energy storage costs

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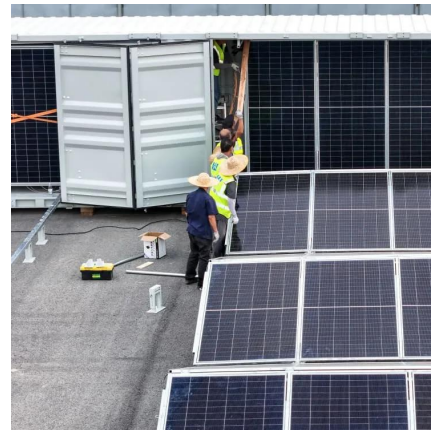


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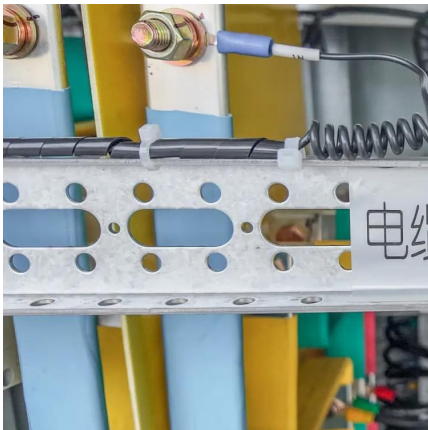
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