

National Energy Storage Banned in Chile

The Law introduces amendments to the General Law of Electric Services ("LGSE") allowing storage systems to inject energy into the National Electric System. Likewise, ...

Chile has emerged as a leader in the energy transition, with some of the most ambitious decarbonization targets in the world. For example, Chile intends to shut down all its coal plants by 2040.

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By 2030, Chile is seeking to supply 70% of its total energy consumption with renewable energy sources, and aims to reach carbon neutrality by 2050. Though its nightly solar shortfalls are currently plugged by fossil fuel generation, the country has pledged to close its remaining coal-fired power plants by 2040.

Chile has enacted a new law on energy storage and electromobility, following its approval in parliament in October. "This law promotes the participation of renewable energies in the...

The Law allows storage systems to inject energy into the electricity system, and in doing so, subjects them to the coordination of the National Electricity Coordinator. Storage systems may participate in energy and power transfers, which may be valued according to the instantaneous marginal costs of the electric system and at the node price of ...

Supreme Decree No. 70 of 2023 (DS 70) has been recently approved, modifying Supreme Decree No. 62 (DS 62), which regulates the capacity payment, also called sufficiency power, in Chile. This modification introduces significant changes in the recognition and compensation of energy storage systems and hybrid plants with storage capacity.

On November 21st 2022, Law No. 21,505 that promotes electric energy storage and electromobility (hereinafter, the "Law") was published, which is a relevant element for Chile to ...

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Our country has seen significant legislative activity in recent years due to the implementation of the National Energy Policy [1], including the enactment of crucial laws such as the "Climate Change Law" (2022) and the "Law Promoting Electric Energy Storage and Electromobility" (2022), among others.

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In 2023, Chile also enacted a new Law 21505 to promote energy storage and electromobility. It highlights the following measures: participation of pure storage systems in the electricity market, enabling the ...

In 2020-2021, in response to the COVID 19 pandemic, Chile has committed at least USD 651.02 million to supporting different energy types through new or amended policies, according to official government sources and other publicly available information. These public money commitments include: No public money commitments identified for unconditional fossil fuels

On October 19, 2022, the Congress unanimously approved the bill that promotes energy storage and electromobility ("Law of Storage and Electromobility"), to advance in the energy transition of Chile and in the implementation of the Electromobility National Strategy.

As frequent readers of Energy-storage.news might know, the majority of BESS projects built and in construction in Chile are paired with a solar PV project. Although a standalone project, the Arena BESS facility is still located in the northern region of Chile, where most of the solar PV capacity is located, due to its high irradiation levels.

Projections for energy in Chile. In late July, the National Electricity Coordinator presented a study of energy storage in the national electricity system that considered a 20-year horizon, focusing on the medium term from 2025 to 2032. Among other conclusions regarding the results for the storage systems, the Coordinator pointed to a location mostly in the far north, which involves a ...

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