



## standalone energy storage cost breakdown in Chile 2026

Will Chile be able to develop energy storage projects in 2026? In 2025, 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 2026. Chile has also put in place an auction procedure to award public land for the development of BESS projects. How many energy storage projects are in Chile? Currently, 36 of the 129 large-scale 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: How much battery storage capacity does Chile have? 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. AES Andes, a subsidiary of U.S. company AES Corp. operates all 64MW at their Angamos and Los Andes substations. How much energy will Chile have by 2026? According to estimates of the national electric system of Chile (SEN) cited by Americas Market Intelligence, the country will have 13.2 GWh/ 2 GW (6-8-hour duration) of operating energy storage by 2026. The northern regions of Antofagasta and Atacama account for nearly 5GW of the BESS pipeline. Will new solar assets in Chile have storage components? New utility-scale renewable and PMGE assets in Chile (most of which are distributed solar plants smaller than 9 MW) will likely all have storage components moving forward. Are battery energy storage systems a viable alternative for Chilean power producers? With transmission lines at overcapacity and permitting delays slowing the development of new grid infrastructure, battery energy storage systems (BESS) have surged as a profitable alternative for Chilean power producers. o Chile passed an Energy Storage Bill in late 2025 allowing standalone BESS to receive revenue both from arbitrage and from reserve capacity. The government promised to provide further clarity about revenue streams, as well as increased predictability about arbitrage opportunities, by early 2026. o Chile passed an Energy Storage Bill in late 2025 allowing standalone BESS to receive revenue both from arbitrage and from reserve capacity. The government promised to provide further clarity about revenue streams, as well as increased predictability about arbitrage opportunities, by early 2026. Between 2025 and 2026, 5.9 GW and 24.7 GWh of energy storage is forecast to be installed: o Chile's administration considers storage strategic for the country's goals (at least 60% of renewables by 2030, 100% by 2050). It proposed a law to allow the tender of 2 GW of BESS at a \$2 billion cost. All Chilean energy storage players, ranging from IPPs to PCS providers, are now closely awaiting the publication of the capacity market decree (DS N 62) expected in Q2 of 2026. This decree is expected to provide capacity payments based on the duration of storage projects as seen in the table below SANTIAGO (AURORA ENERGY RESEARCH)--As solar deployment reaches scale, Chile is turning its attention to energy storage as a key enabler of higher renewable returns and deeper decarbonization. A recent analysis by Aurora Energy Research, a global power market analytics provider, examines the economic The government of Chile will launch a bill this year to procure large-scale energy storage systems for commissioning in totalling US\$2 billion of investment, on top of 5GWh already being sought for



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-28. Speaking to the country's parliament last week, president Gabriel Boric said the new revised the deployment of energy storage. The bill allows standalone energy storage systems receive income from dispatching their energy and power in the country's National Electric System market. Even though the ramp-up of BESS projects in Chile might have been kickstart-ed in , with the 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 energy from the first quarter of . From ESS News Danish investment fund CIP's Growth Markets Fund II Chile advances regulation to support ambitious storage goalso Chile passed an Energy Storage Bill in late allowing standalone BESS to receive revenue both from arbitrage and from reserve capacity. The government promised to provide further Aurora finds regional variation in battery returns throughout Chile A recent analysis by Aurora Energy Research, a global power market analytics provider, examines the economic drivers of battery storage in Chile, including optimal duration, cycling, Chile seeks multi-gigawatts of large-scale storage for The government of Chile will launch a bill this year to procure large-scale energy storage systems for commissioning in totalling US\$2 billion of investment, on top of 5GWh already being sought for -28. Stora BESS: Chile's renewables savioutime and be safer, explains McDonough. "Standalone is interesting because you can access other areas and you're not limited by a single PV plant, but can instead use the energy storage for CIP building 1.1 GWh standalone battery storage Danish investment fund CIP's Growth Markets Fund II, has made a final investment decision on the Arena project, a BESS in the Antofagasta region of northern Chile. 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 Flexen puts 1GW BESS into interconnection queue in ChileFlexen has put 1GW of standalone battery storage projects into the interconnection queue in Chile, the first of that scale, it claimed. Clean Horizon on : Energy storage in ChileChile plans to allocate 13GWh of capacity for stand-alone energy storage projects. At Clean Horizon we can support your energy storage projects in Latin Largest Li-based BESS in LatAm opens in Chile - Argus MetalsIt also aims to reduce nighttime energy costs by injecting cheaper power into the grid after sunset. The Desert BESS will also help Chile meet its goal of having 2GW of

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