Will Chile be able to develop energy storage projects in ?In , 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 . Chile has also put in place an auction procedure to award public land for the development of BESS projects. How much energy will Chile have by ?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 . The northern regions of Antofagasta and Atacama account for nearly 5GW of the BESS pipeline. How many energy storage projects are in Chile?According to a December 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 CO2. Will Chile's storage capacity double in ?The energy ministry spokesperson told Dialogue Earth that the country's environmental assessment body is currently assessing the viability of 300 more storage projects, with a total capacity of 16 GW. According to some projections, between and , Chile's total storage capacity could double to 4 GW. 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. 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. This decree is expected to provide capacity payments based on the duration of storage projects as seen in the table below, adding an important source of revenue for a storage market that already benefits from one of the highest energy spreads in the world. This decree is expected to provide capacity payments based on the duration of storage projects as seen in the table below, adding an important source of revenue for a storage market that already benefits from one of the highest energy spreads in the world. This momentum is reflected in the data: AMI estimates that there is a 7.7 GW pipeline of BESS projects in Chile, far and away the most advanced front of the meter (FTM) storage market in Latin America. 1 Only 505 MW of BESS projects are currently operational in the entire region. Nearly 2 GWh of Between and , 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 , 100% by). It proposed a law to allow the tender of 2 GW of BESS at a $2 billion cost. 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. Speaking to the country's parliament last week, president Gabriel Boric said the new The past year has seen the Senate of Chile unanimously pass major legislative changes to incentivize the deployment of energy storage and Brazil launch its first large-scale battery storage project with a total capacity of over 30 MW. With the energy

storage industry facing unprecedented growth The global energy storage market is currently valued at around USD 246 billion, with an estimated 387GW of new energy storage capacity anticipated to be added globally by , according to a report from US-based law firm Morgan Lewis. This is a 15-fold increase compared to the end of . By According to recent models, an estimated 21.8 gigawatts (GW) of solar, 17.6 GW of wind, and 3.3 GW of energy storage is required to accomplish this goal. Today, Chile only has 64 megawatts (MW) of operational energy storage capacity. There are three significant bottlenecks to energy storage Battery Energy Storage Systems (BESS) in ChileThis decree is expected to provide capacity payments based on the duration of storage projects as seen in the table below, adding an Chile advances regulation to support ambitious storage goalsDespite the high solar irradiance in a significant portion of Chile's territory, neither residential nor commercial and industrial PV installations are expected to grow significantly, which will limit the 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. Energy Storage Latin America (Santiago) Welcome to Energy Storage Summit LatAm, taking place in the vibrant city of Santiago, Chile this October. Across Latin America, changes are afoot as ambitious renewable targets are set and Energy storage is a challenge and an opportunity for Battery costs have fallen by 90% in the last 15 years, and the cost of utility-scale storage projects is projected to fall by 40% by , according to a recent International Energy Agency report. Unleashing The Energy Storage Market in ChileToday, all energy storage projects in Chile are co-located with renewable energy because it serves to mitigate losses from curtailment and zero or negative pricing. Chile Energy Storage Industry Holds Promise | EMISAccording 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 BNEF finds 40% year-on-year drop in BESS costsBNEF analyst Isshu Kikuma discusses trends and market dynamics impacting the cost of energy storage in with ESN Premium. Cost Projections for Utility-Scale Battery Storage: UpdateExecutive Summary In this work we describe the development of cost and performance projections for utility-scale lithium-ion battery systems, with a focus on 4-hour duration Large scale battery storage on the rise in ChileThree utility scale battery energy storage projects co-located with solar plants were announced last week in Chile. Enel is building a 67 MW/134 MWh battery, while CJR Renewable and Uriel Roadmap for the Energy Transition in Chile Final ReportACKNOWLEDGMENTS This report has been driven by the Enel Group in Chile and prepared by energiE in collaboration with MRC, as an analytical and participative consideration on the steps 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 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 Global energy storage Global energy storage capacity outlook , by country or state Leading countries or states ranked by energy storage capacity target worldwide in (in gigawatts) Chile Energy Chile's electrical energy sector is divided into three components: generation, transmission, and distribution. Each is operated entirely by private companies, both of local Chilean Electricity Market In August , the Ministry of Energy published the official "Agenda de Energía -", detailing the general guidelines for the energy sector to be followed by the current government. BESS Costs Analysis: Understanding the True Costs of Battery Energy Battery Energy Storage Systems (BESS) are becoming essential in the shift towards renewable energy, providing solutions for grid stability, energy management, and Energy Storage Costs: Trends and ProjectionsAs the global community increasingly transitions toward renewable energy sources, understanding the dynamics of energy storage costs has become imperative. This Energy Storage Grand Challenge Energy Storage Market This report covers the following energy storage technologies: lithium-ion batteries, lead-acid batteries, pumped-storage hydropower, compressed-air energy storage, redox flow batteries, 2H Energy Storage Market Outlook Projects delayed due to higher-than-expected storage costs are finally coming online in California and the Southwest. Market reforms in Chile's capacity market could pave BESS Costs Analysis: Understanding the True Costs of Battery Energy Battery Energy Storage Systems (BESS) are becoming essential in the shift towards renewable energy, providing solutions for grid stability, energy management, and 2H Energy Storage Market OutlookProjects delayed due to higher-than-expected storage costs are finally coming online in California and the Southwest. Market reforms in Chile's capacity market could pave the way for larger energy storage additions in Latin

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