



Chile power generation container

Is Chile ready for a standalone energy storage project? This project alone nears the capacity (13GWh) the Chilean Ministry of Energy sought in a public land bidding auction for standalone energy storage projects in May of . Chile has been one of the countries at the forefront of the renewable energy transition in Latin America, first with solar PV and now with BESS. How much energy storage will Chile have in ? During the Energy Storage Summit Latin America (ESS LatAm) in October , Ana Lía Rojas, executive director at the Chilean renewable energy and energy storage association (ACERA), explained how the current levels of curtailment in Chile, which could end up at approximately 5TWh in , could power up to 3.4GW of 4-hour duration energy storage. Why does Chile need more energy storage? Chile is currently a hotbed of grid-scale energy storage activity, with huge levels of solar curtailment, massive energy price volatility and regulatory reforms helping to drive the need for more storage. See all recent coverage of the country here. Where are Chile's battery energy storage facilities located? Chile's first battery energy storage projects were commissioned in , 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. 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 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. In January , new legislation was passed to apply the benefits included in Short Laws I & II (see Recent Developments section below for details) to renewable energy production. The new regulation provided for exemptions in transmission charges for (i.e. geothermal, wind, solar, biomass, tidal, small hydropower and cogeneration) below 20 MW of capacity. It also simplified the legal procedures for projects below 9 MW. Previously, besides hy Chile Focuses on Solar and Storage as Generation Solar power combined with battery energy storage is at the forefront of Chile's recent generation growth. CATL to supply 1.25GWh energy storage to For the fourth phase of the project, CATL will provide over 220 of its EnerX model containers, which will contain more than 7,100 modules. It also allows the storage of more capacity in less space, while using LFP Electricity sector in Chile Overview Renewable energy resources Electricity supply and demand Access to electricity Service quality Responsibilities in the electricity sector History of the electricity sector Tariffs, cost recovery and subsidies In January , new legislation was passed to apply the benefits included in Short Laws I & II (see Recent Developments section below for details) to renewable energy production. The new regulation provided for exemptions in transmission charges for new renewable energy sources (i.e. geothermal, wind, solar, biomass, tidal, small hydropower and cogeneration) below 20 MW of



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