



Average home energy storage price per 1GW in Chile

How many energy storage projects are in Chile?

Currently, 36 of the 129 large-scale projects 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 64 MW of battery storage capacity currently active, representing 0.2% of national capacity. AES Andes, a subsidiary of U.S. company AES Corp. operates all 64 MW at their Angamos and Los Andes substations.

How much does electricity cost in Chile?

In June 2023, Chile's household electricity price was just above the average residential electricity price of Latin American countries at 0.19 U.S. dollars per kilowatt-hour. Chile's residential electricity price was nearly double that of Mexico and over four times the price reported in Argentina in the same period.

Is lithium ion battery storage available in Chile?

While many projects are under development, lithium-ion battery storage is still limited. According to data from Acera, the Chilean Renewable Energy Association, there are only 64 MW of battery storage capacity currently active, representing 0.2% of national capacity.

How much does a battery cost in Chile?

In fact, batteries charged at nearly \$0/MWh during the day in the sunny, northern desert regions of Chile, sell energy at night for over \$100/MWh. Although projects such as Engie's BESS Coya are already enjoying these large spreads, this capacity payment will partially de-risk Chile's dependence on volatile, but still profitable, merchant revenues.

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.

The Moss Landing Energy Storage Facility in California is said to be the world's largest current battery energy storage facility at 3 GWh. Ruiz de Andres said Grenergy has also signed a 15-year PPA for Oasis de Atacama to supply more ...



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