

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.

How many energy storage projects are in Chile?

According to a December 2023 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.

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 Chile be able to develop energy storage projects in 2024?

In 2022, 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 2024. Chile has also put in place an auction procedure to award public land for the development of BESS projects.

How can Chile keep up with the changing energy demand landscape?

Chile is exploring a variety of solutions to keep abreast of the changing energy demand landscape ranging from BESS to innovative projects using CO₂. In March 2024, BESS Coya, the largest battery-based energy storage system in Latin America, started operations.

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.

Explore cutting-edge energy storage solutions in grid-connected systems. Learn how advanced battery technologies and energy management systems are transforming renewable energy ...

ENGIE obtained approval from the National Electricity Coordinator (CEN) to start commercial operation of BESS Coya, the largest battery energy storage system in Latin America to date. ...



Chilean energy storage battery manufacturer

Chilean Energy Minister Diego Pardow was present at the inauguration of the 200 MW/800 MWh BESS del Desierto, a project its developers describe as the first large-scale ...

Andesvolt is a Chilean manufacturer that specializes in Battery Energy Storage Systems (BESS) using lithium-ion batteries, designed for applications such as backup power and renewable ...

With over 30 projects and 4 GWh of utility-scale global battery energy storage deployed, Prevalon delivers end-to-end integrated battery energy storage solutions that ...

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