



Total investment cost of hybrid renewable storage project in Australia

Did Australia invest in energy storage projects in Q1 2025?

Australia's remarkable run of investment commitments to energy storage projects continued in Q1 2025. Six storage projects representing 1,510 MW (capacity) /5,016 MWh (energy output) reached financial close - the second-highest quarterly result for newly financially committed storage projects.

How many energy storage projects are there in Australia?

In addition to renewables, 4,029 MW/11,348 MWh of new energy storage projects were committed in 2024. Since 2017, Australia has seen the commissioning of 223 generation and storage projects, representing 17 GW of electricity generation capacity and 2.1 GW/3.7 GWh of energy storage. (AUD 1 = USD 0.628/EUR 0.608)

Why should Australia invest in energy storage systems?

Energy storage systems, such as big batteries, are a critical part of Australia's future energy mix and act as a reliable back-up system allowing us to store renewable energy for when it is needed most and keep the lights on under all conditions. It's great to see the high levels of investment we've seen over the past couple of years continue.

Will SMA be the largest NEM-connected solar & battery hybrid project in Australia?

"It will be the largest NEM-connected solar & battery hybrid project in Australia, and its successful development thus far clearly demonstrates how SMA's grid-forming technology can be scaled to meet the NEM's needs.

Why is battery storage important in Australia?

Battery storage is now key to Australia's clean energy transition. It stabilizes supply by storing extra renewable energy and delivering it on demand, even when solar or wind output drops. This helps prevent blackouts and ensures steady green energy flow. BESS installations are expected to double by 2027.

What are the benefits of solar & wind energy in Australia?

"Wind and solar combined with energy storage is the lowest-cost form of electricity generation and by installing more battery storage projects across the country, Australians can get the biggest benefits from renewable energy through cheaper, cleaner, more reliable power- while creating thousands of new jobs," he said.

Australia is home to the world's first "big" battery: the 100 MW Hornsdale Power Reserve, constructed in 2017. Since then, investment in grid-scale battery energy storage in Australia's National Electricity Market - or NEM - has continued. 25 ...



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