



# Large-scale energy storage projects in Australia





## Overview

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The first quarter of 2025 was the second best on record for investment in large-scale Battery Energy Storage Systems (BESS) in Australia, with six projects worth \$2.4 billion in total reaching the financial commitment stage - delivering an extra 1.5 GW in storage capacity and 5 GWh.

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This Big Battery Storage Map of Australia includes all big battery projects of 10MW or 10MWh and above. "Operating" includes those projects currently working; "Construction" means those being built or waiting to be commissioned; "Announced" refers to those with a level of commitment - contracts.

This marks the second-highest quarterly investment on record, delivering an additional 1.5GW in storage capacity and 5GWh in energy output. The report highlighted a 500% increase in investment commitments for renewable energy generation in 2024. Credit: Phonlamai Photo / Shutterstock. The first.

In early 2025, over AUD 2.4 billion (USD 1.5 billion) went into large-scale battery energy storage systems (BESS). This was the second-highest quarterly investment ever, just behind the AUD 2.8 billion seen at the end of 2023. The Clean Energy Council's Quarterly (Q1 2025) Investment report shows.

Australia has become a global leader in energy storage, driven by the need for renewable energy integration, grid stability, and the transition towards a low-carbon economy. The following article outlines The Best five energy storage projects in Australia, highlighting their capacity, technology.

Investment in large-scale battery storage is on the rise. The projects store up

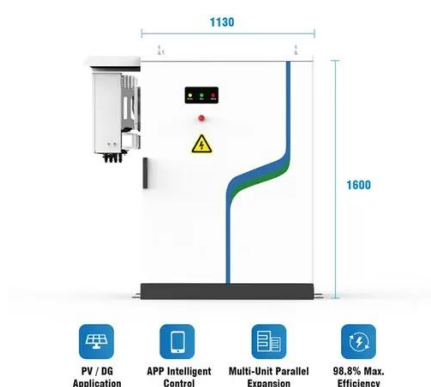


renewable energy generated during the day that can be used during peak periods.  
What's next?

A researcher says a change in federal energy policy could unnerve investors. A surge in investment in large batteries is.



## Large-scale energy storage projects in Australia



### [Millions invested in big batteries amid net zero transition](#)

Hundreds of millions of dollars are being committed to dozens of battery projects aimed at capturing renewable energy that can be used during off-peak periods when wind and ...

### [Australia added 5 GWh of big batteries in Q1](#)

This one-day forum is tailored for professionals planning or investing in large-scale battery energy storage systems, offering insights into key topics such as grid connection, ...



### **How Australia's AUD 2.4B Battery Storage Boom Is Replacing Coal**

Australia is leading the global battery storage boom with AUD 2.4B invested in Q1 2025. Discover how big batteries are replacing coal, stabilizing the grid, and driving the ...



### [Big battery investment charges up in Q1 2025](#)

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### Sixteen Energy Storage Projects Power Australia's \$3.8 Billion ...

Australia's clean energy transition accelerates as the Capacity Investment Scheme secures 4.13 GW of new large-scale battery projects, boosting grid stability and sustainability.



### [The Best Five Energy Storage Projects in Australia](#)

Discover five energy storage projects revolutionizing Australia's energy landscape. Learn about innovative technologies, impressive capacity.



### [Big battery investment charges up in Q1 2025](#)

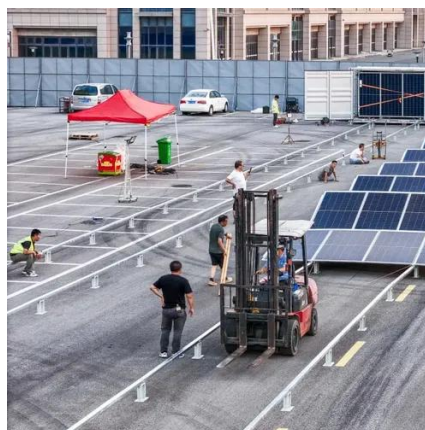
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## Large-scale battery storage investment in Australia reached ...

The first quarter (Q1) of 2025 has seen a surge in investment for large-scale battery storage in Australia, with six projects worth a total of A\$2.4bn (\$1.5bn) reaching the ...



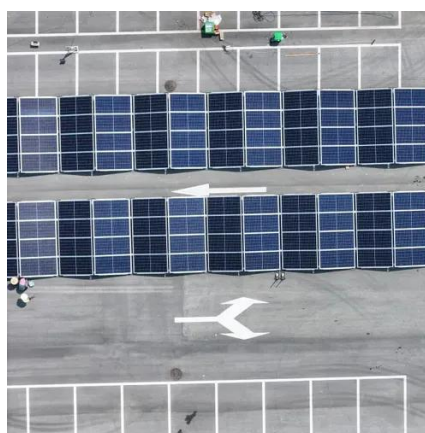
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## [Australia has 7.8 GW of utility-scale batteries ...](#)

Business intelligence company Rystad Energy has said that almost 4 GW of utility-scale battery energy storage systems (BESS) ...



## [Millions invested in big batteries amid net zero ...](#)

Hundreds of millions of dollars are being committed to dozens of battery projects aimed at capturing renewable energy that can be used ...



## [Large-scale battery storage investment in Australia ...](#)

The first quarter (Q1) of 2025 has seen a surge in investment for large-scale battery storage in Australia, with six projects worth a total ...



## [Big Battery Storage Map of Australia](#)

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## **Top 7 Upcoming Battery Energy Storage System Projects in Australia**

Discover the largest upcoming BESS projects in Australia, from the 2.4GW Denman Battery to the Waratah Super Battery.



### **Commercial and Industrial ESS**

Air Cooling / Liquid Cooling

- Budget Friendly Solution
- Renewable Energy Integration
- Modular Design for Flexible Expansion



## [The Best Five Energy Storage Projects in Australia ...](#)

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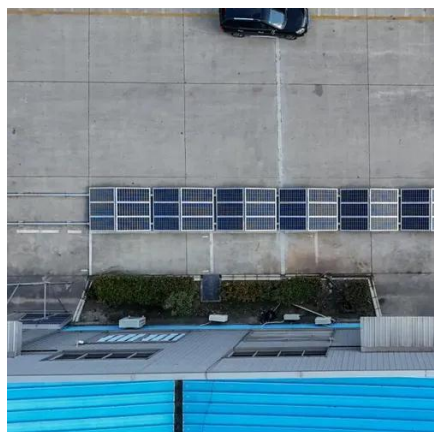
## [How Australia's AUD 2.4B Battery Storage Boom ...](#)

Australia is leading the global battery storage boom with AUD 2.4B invested in Q1 2025. Discover how big batteries are replacing coal, ...



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## **Australia has 7.8 GW of utility-scale batteries under construction**

Business intelligence company Rystad Energy has said that almost 4 GW of utility-scale battery energy storage systems (BESS) entered construction in the first nine months of ...



## Contact Us

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