

# **Containerized renewable power quotation in Australia 2025**





## Overview

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Should Australia go to 100% variable renewables?

There is no such requirement in Australia under our net zero emission policy. Furthermore, going to 100% variable renewables would require the non-sensical step of shutting down existing non-variable renewable generation such as the existing Snowy hydro scheme and biomass generation. This approach denies renewables access to peaking plant such.

What is the energy output for commissioned storage projects in Q2 2025?

The rolling average energy output for commissioned storage projects reached a new height in Q2 2025, at 584 MWh. There are currently 83 renewable electricity generation projects, which are in the financial commitment or under construction pipeline, representing 13.1 GW of capacity.

How many energy projects were commissioned in Q2 2025?

Five generation projects were commissioned in Q2 2025 with a total operating capacity of 312 MW. Two storage projects were commissioned in Q2 worth 325 MW / 760 MWh. The rolling average energy output for commissioned storage projects reached a new height in Q2 2025, at 584 MWh.

Which energy projects have achieved financial commitment in Q2 2025?

Four generation projects totalling 615 MW of capacity secured financial commitment in Q2 2025, which is the critical lead-indicator for new power projects. Three storage projects worth 334 MW (capacity) / 1,168 MWh (energy output) reached financial close, which marks the lowest quarterly result for storage projects since Q1 2023.

Should LCOE data be provided for 2040 and 2050?

Note that LCOE data for 2040 and 2050 is also provided, but without renewable integration costs. This reduces the computational burden for the GenCost project and recognises that, by the 2040s, if renewables are taken



up, then most renewable integration resources will already be in place.

What is the capacity factor of coal dominated electricity supply in Australia?

The average capacity factor of coal dominated electricity supply in Australia is around 60%. As a result, to deliver the equivalent energy of current coal-fired generation, the system needs to install around two times the capacity of variable renewables.



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**2MW / 5MWh  
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