

European Solar Energy Storage

Wholesale price of containerized renewable power in Australia



Overview

View and download current charts and data from our wholesale market performance reports.

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The AER monitors the performance of wholesale electricity and gas markets and publishes data in reports such as the State of the energy market and the Wholesale markets quarterly. On this page you can view and download individual charts and data tables from our most recent market performance.

AEMO is an independent organisation that operates on a user-pays cost-recovery basis, with all operating costs recovered through fees paid by industry participants. Our ownership is shared between government and industry. The chart shows real-time data (5-minute) for each region including current.

Understanding and utilising the wholesale electricity prices Australia chart equips businesses to make smarter, data-driven energy procurement decisions. From timing forward contracts to structuring Power Purchase Agreements and evaluating risk, this chart is an indispensable resource for energy.

The net-zero target has unleashed a wave of enthusiasm for the energy transition – Australia will now increase the speed of installation of renewable capacity, along with the required upgrades to the grid infrastructure. The net-zero pledge is strongly supported by the October 2022 federal budget.

Rapid growth in renewable generation slashed the wholesale cost of power in the national energy grid late last year, and dramatically reduced reliance on coal-fired power. Power supplied by large-scale renewables and rooftop solar soared in the last three months of 2023 Prices more than halved in.

AEMO's latest Quarterly Energy Dynamics report shows that wholesale electricity prices averaged \$63 per megawatt hour (MWh) in the September

quarter, down 41% from the June quarter (\$108/MWh) and 71% (\$216/MWh) from Q3 2022. By region, South Australia recorded the highest average quarterly price at.

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Wholesale Power Price Projections for the NEM in Australia

The net-zero target has unleashed a wave of enthusiasm for the energy transition - Australia will now increase the speed of installation of renewable capacity, along with the required upgrades ...

Booming renewable energy generation halves wholesale power prices

Rapid growth in renewable generation slashed the wholesale cost of power in the national energy grid late last year, and dramatically reduced reliance on coal-fired power.



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Wholesale electricity market performance report 2024

Wholesale electricity spot prices have fallen since late 2022 due to lower fuel costs, increased renewable generation and government intervention. The market continued to ...

Market-wide impact of renewables on electricity prices in Australia

In particular, we exploit the half-hourly nature of wholesale price setting in the NEM to uncover the impact of solar and wind daily production on the distribution of prices ...



New Report confirms renewables reduce power prices

19 March 2025, Sydney: The Clean Energy Investor Group (CEIG) today released a report that shows without renewables and battery storage, Australian households and businesses would ...

Renewables push NEM electricity prices down to historical levels

"Record renewable generation output helped push down average wholesale electricity prices by more than two-thirds, double the occurrence of zero or negative wholesale prices (19%) and ...



[AEMO , NEM data dashboard](#)

The Average Price table shows average prices for each day in the current month. RRP refers to the average spot price (\$/MWh) per region for each day, and PEAK RRP refers to the average ...



Wholesale Electricity Prices: Trends & Chart (Australia)

Wholesale electricity prices in Australia fluctuate due to supply-demand dynamics, fuel costs, and government policies. Charts and data visualisations help track trends and identify strategic ...



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Wholesale Electricity Prices by State in Australia

Wholesale electricity prices vary significantly across Australian states due to regional generation capacity, grid constraints, and renewable energy penetration. Businesses in Queensland and ...



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