



MARKET SUMMARY REPORT

Electricity and Gas – March 2024

Shell Energy Retail Pty Ltd
ABN 87 126 175 460

Introduction and Further Reading

This report provides information on wholesale price trends for all regions within the National Electricity Market (NEM), the Western Australia Energy Market, the East Coast Wholesale Gas Market and environmental scheme certificates. Wholesale gas price trends reference the ICAP Gas Forward Price Curve Data, published under permission by ICAP Energy.

Please note that all electricity prices are presented as a \$ per megawatt-hour (MWh) price and all certificate prices as a \$ per certificate price.

You can obtain the latest pricing information for the spot and contract markets on a daily basis from the “Market” section of the Shell Energy Customer Portal.

Tasmanian contract prices are the non-regulated prices published by Hydro Tasmania on a weekly basis. All NEM spot prices are published by the Australian Energy Market Operator (AEMO). NEM contract prices are sourced from the ASX.

Further information can be found at the locations noted below:

Tasmanian energy market - a comprehensive weekly report is published by the Office of the Tasmanian Energy Regulator which can be found [here](#).

Western Australia Energy Market - AEMO publishes a detailed market report which can be found [here](#).

NEM Spot Market - AEMO publish a range of detailed information which can be found [here](#).

Environmental Certificates - information about environmental certificates can be found [here](#).

Large-scale Generation Certificates (LGCs) - information about LGCs can be found [here](#). You can also refer to our [Energy Education video on LGCs](#).

Small-scale Technology Certificates (STCs) - information about the STC program can be found [here](#). You can also refer to our [Energy Education video on STCs](#).

Victorian Energy Efficiency Certificates (VEECs) - information about the VEEC program can be found [here](#). You can also refer to our [Energy Education video on VEECs](#).

Energy Saving Certificates (ESCs) - information about the ESC program can be found [here](#). You can also refer to our [Energy Education video on ESCs](#).

Spot Prices: National Electricity Market

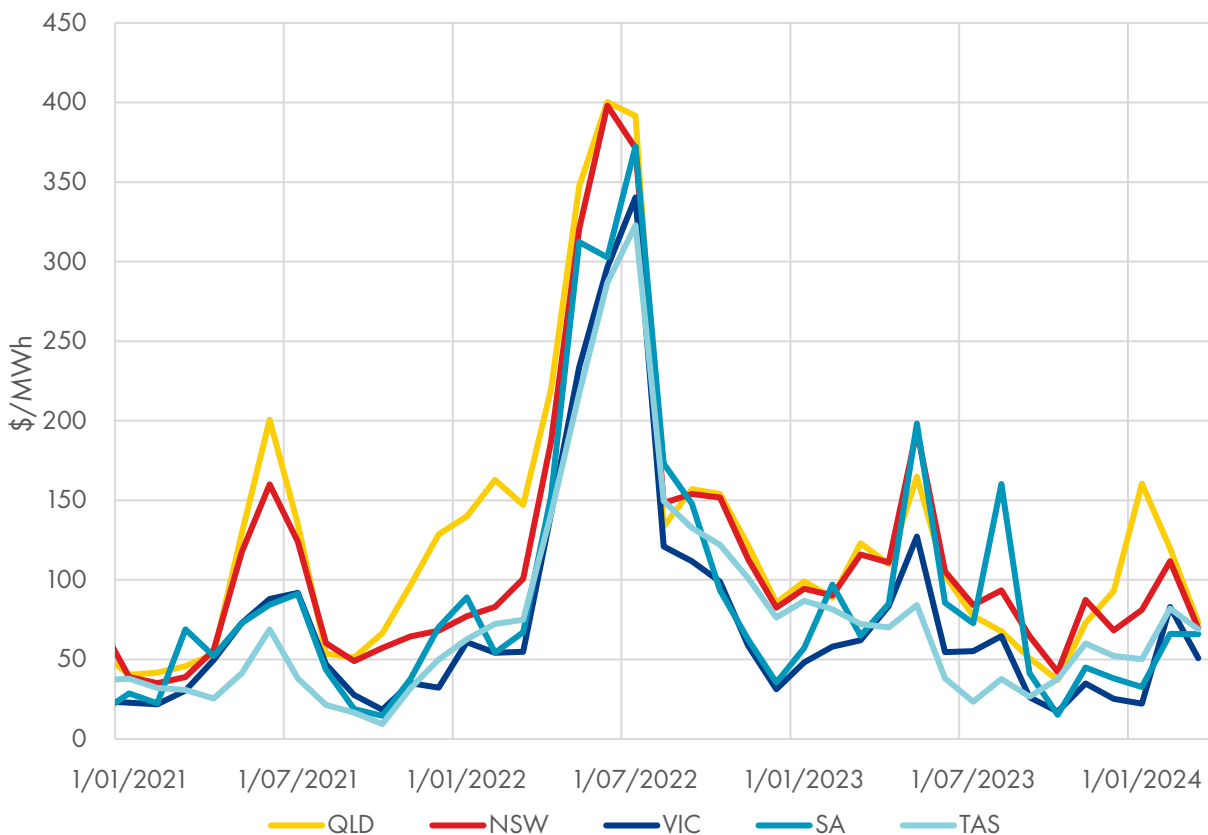
In March, the east coast saw cooler temperatures with Queensland dropping below 20°C for the first time in 2024. This led to lower energy prices, with March averages down more than \$45/MWh in Queensland and \$40/MWh less than February's average in New South Wales.

The east coast had a strong generation fleet available, and the wholesale market saw minimal cap payouts (spot prices above \$300/MWh).

In South Australia, prices remained stable despite an average demand increase of over 100MW compared to February. Gas generation increased in the state's energy mix, while rooftop solar decreased by around 5% month on month.

March 2024

State	Average Spot Price	Max 5 Min Spot Price	5 Min Intervals at \$1,000 or Above	5 Min Intervals at \$0 or Below
QLD	73.02	393.92	0	730
NSW	69.55	299.99	0	498
VIC	50.67	1,355.88	2	1,625
SA	65.79	9,899.50	11	1,625
TAS	68.82	16,600.00	7	1,625



Source: NEM Spot Market - AEMO

Contract Market

Financial Year 2025 (FY25)

In February, the trip of some Victorian coal generators caused a sharp increase and subsequent overcorrection of curves in the FY25 Queensland and New South Wales markets. However, markets stabilised in March due to lower spot prices triggered by cooler temperatures. Lower spot prices did not translate into a sustained downward trend as buying pressure provided support for contract prices.

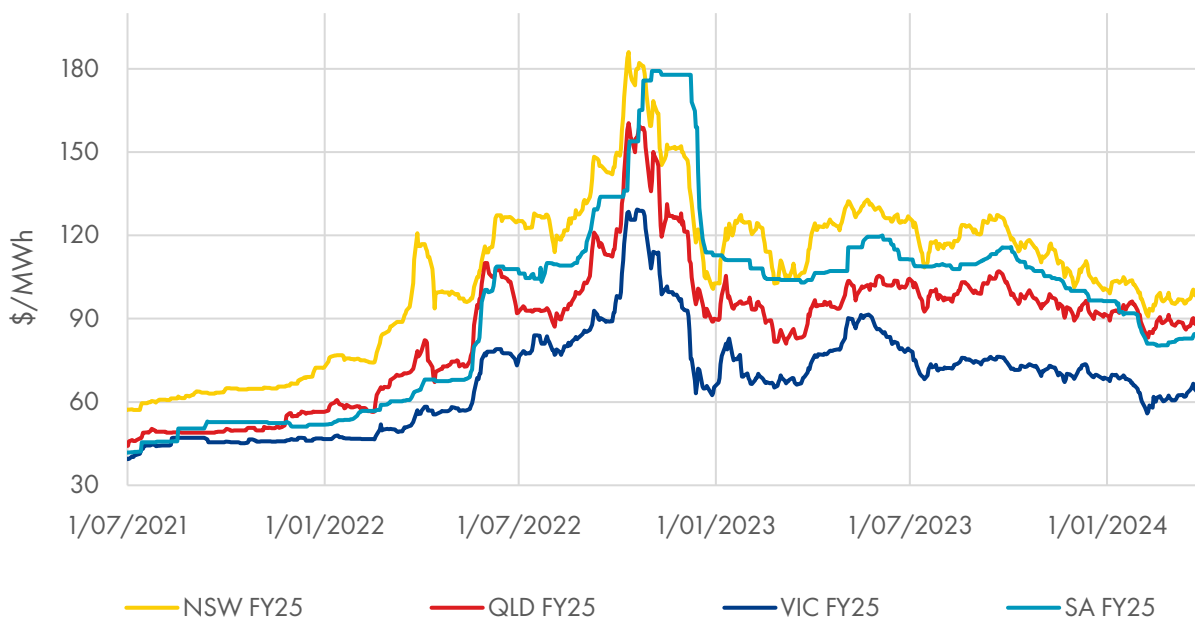
Minor fluctuations in these contracts were mainly due to delays in the return to service of Callide power station in Queensland and speculation about the future of Eraring power station in New South Wales.

On the other hand, the southern states and territories saw increased demand due to cooler weather, leading to more spot volatility and higher contract prices. The Australian Energy Market Operator’s 2024 Gas Statement of Opportunities predicted shortfalls on peak demand days in future winters, which also pushed prices up in the south.

March 2024

State	Previous Close	Period Low	Period High	Closing Price
QLD	89.29	86.10	90.25	88.50
NSW	96.61	95.31	100.48	98.80
VIC	61.00	60.55	66.54	63.86
SA	81.50	81.59	84.49	84.49
TAS	67.75	67.41	69.77	68.74

FY25 Flat



Source: ASX data

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Contract Market

Financial Year 2026 (FY26)

All FY26 contracts closed higher than the previous month, showing a general upward trend. The increase in east coast prices can be attributed to uncertainty on coal closures and the expected roll-off of coal price caps, which would lead to higher prices for baseload generation.

Contracts in the northern states saw a larger increase due to the Australian Energy Market Operator’s forecasts of gas shortages.

In Queensland, Victoria, and South Australia, contracts remained in backwardation, with the market pricing in 2025 as the year of peak wholesale energy prices. However, New South Wales swaps stayed in contango, indicating market uncertainty about the future of the state’s energy dynamics.

March 2024

State	Previous Close	Period Low	Period High	Closing Price
QLD	85.98	84.66	88.31	87.62
NSW	101.96	99.13	103.93	102.50
VIC	58.20	57.74	64.22	63.40
SA	80.41	80.03	82.50	82.40
TAS	66.50	65.87	69.12	69.12

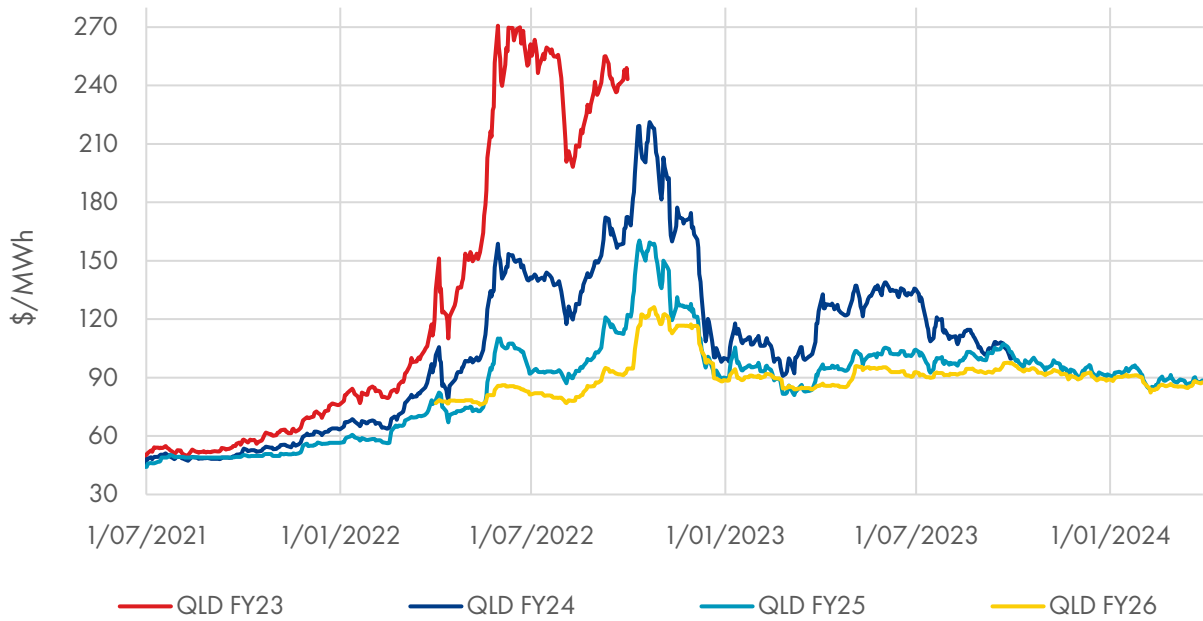
FY26 Flat



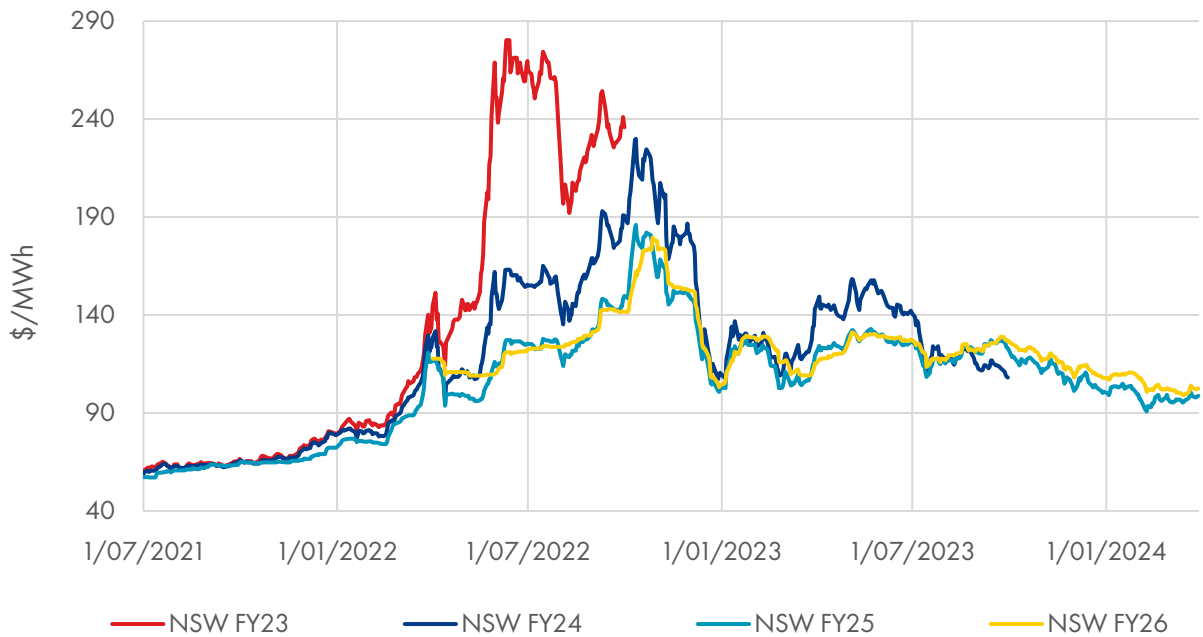
Source: ASX data

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Contract Market - QLD Financial Years Flat



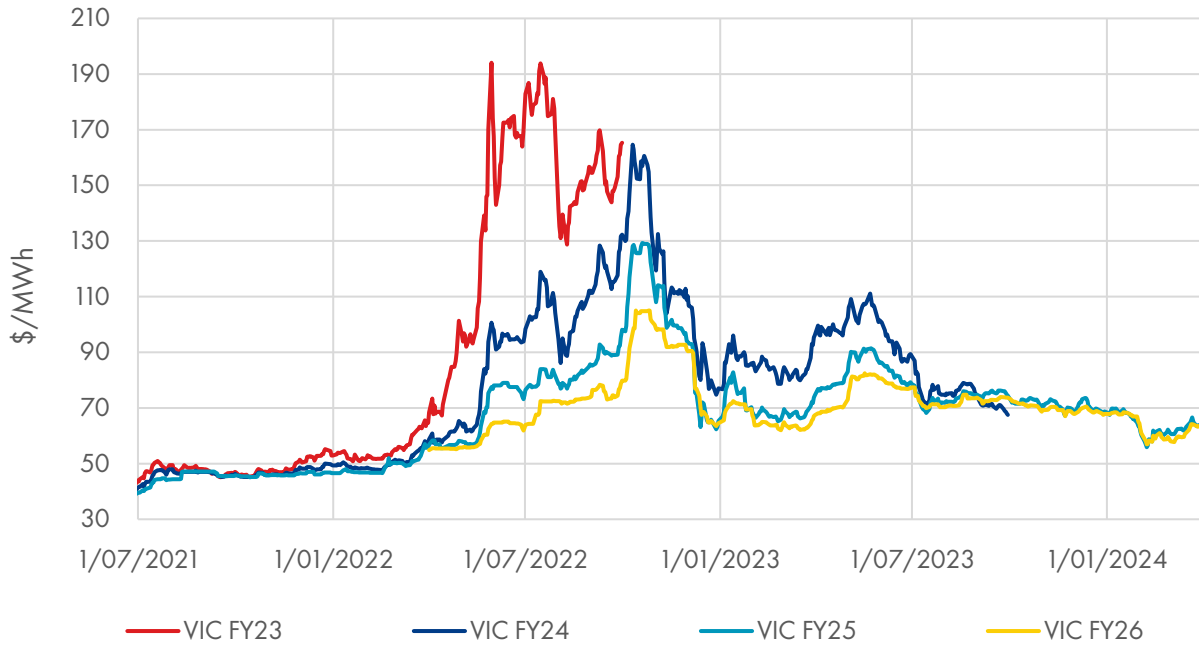
Contract Market - NSW Financial Years Flat



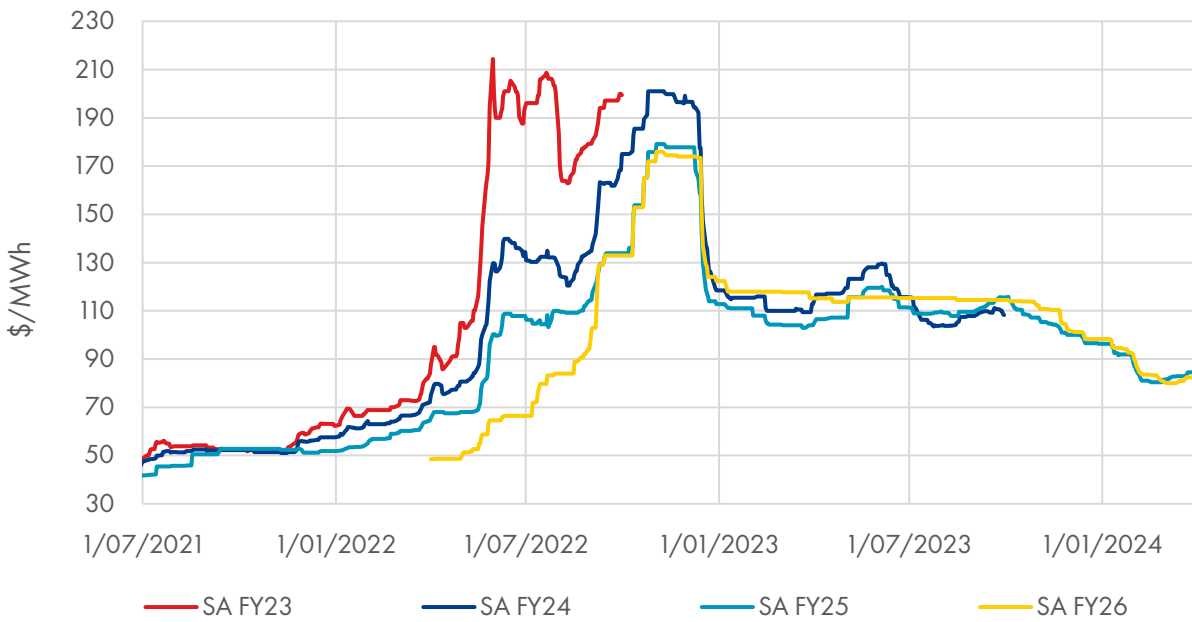
Source: ASX data

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Contract Market - VIC Financial Years Flat



Contract Market - SA Financial Years Flat



Source: ASX data

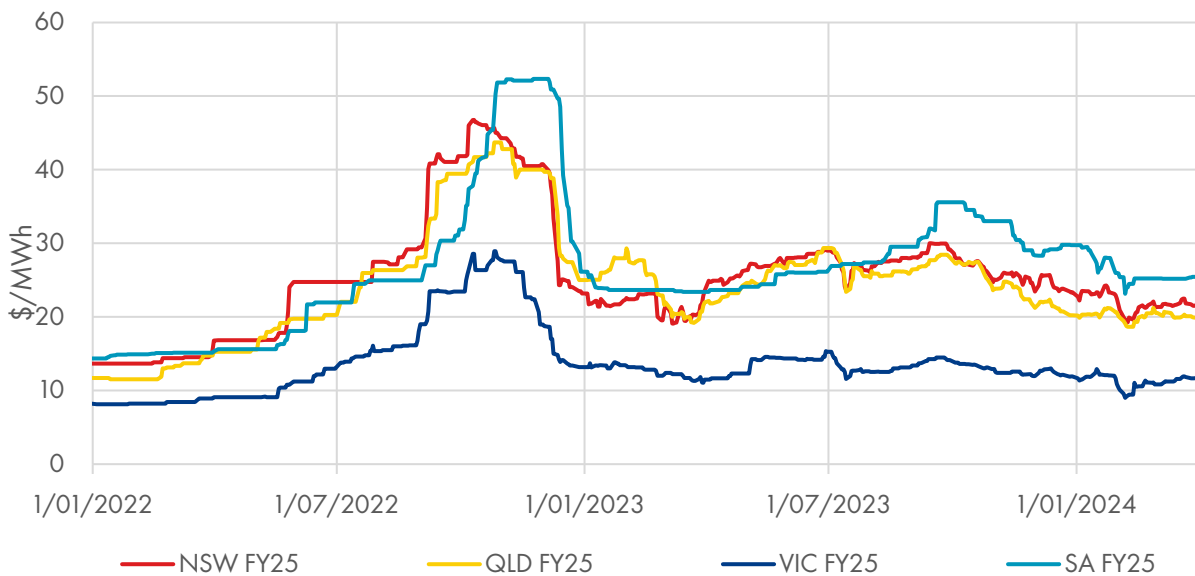
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Cap Contract Market

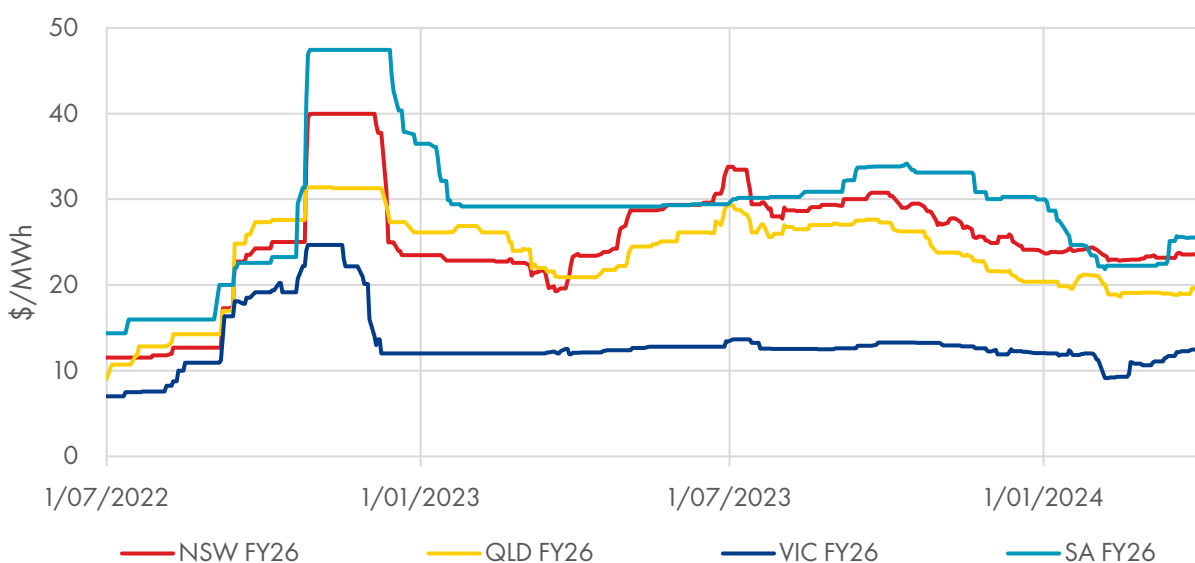
In early March, cap contracts in Queensland and New South Wales fell after persistent heat tailed off at the end of February. New South Wales and South Australia cap contracts remained relatively stable throughout the month, supported by a series of battery announcements and a focus on the future of baseload generation capacity.

Victoria cap contracts gradually increased over the month, returning to normal historical levels after a sharp drop earlier in the year. In terms of market structure, Victoria and South Australia cap curves stayed in backwardation, with FY25 contracts trading higher than FY26 contracts. New South Wales remained in contango, while Queensland shifted from a backwardation to a contango curve throughout March.

Financial Year 2025 (FY25)



Financial Year 2026 (FY26)



Source: ASX data

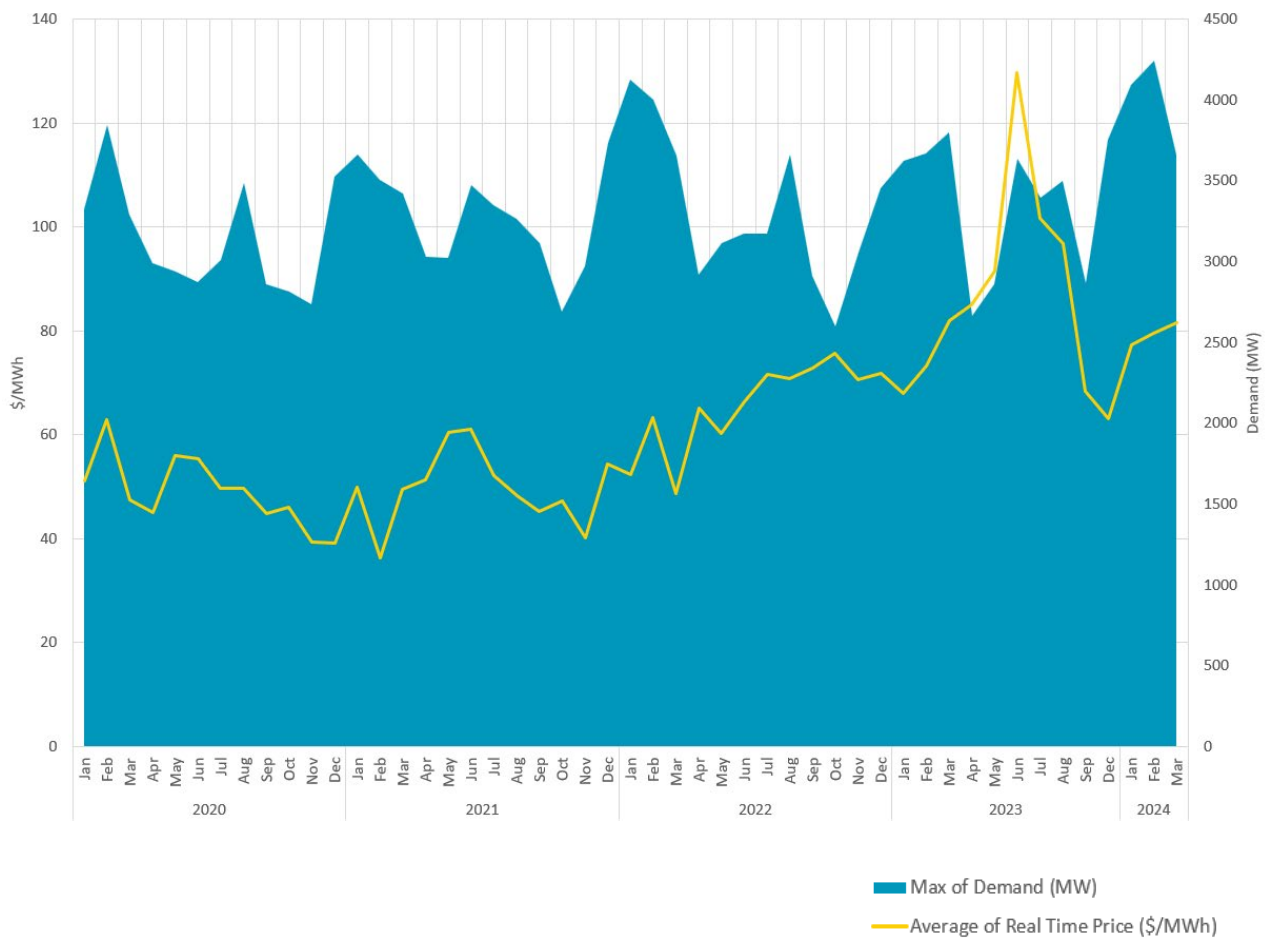
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Western Australia Energy Market

In March, the Western Electricity Market (WEM) saw an average Real Time Market price of \$81.12, with average temperatures decreasing from over 27°C in February to 23.5°C during the month.

Despite the cooler temperatures, 26% of real time prices in February exceeded \$100/MWh. Spot prices even reached the Energy Offer Price Ceiling of \$738/MWh for a total of 21 hours due to coal outages. Higher sustained prices have been observed since the WEM reform in October 2023 due to generators adjusting short-run marginal costs to reflect the increased costs of Energy Storage System (ESS) requirements.

WEM STEM and Balancing Prices



February WEM Summary Statistics	
Average Real Time Price	\$81.12/MWh
Max 5 Min Real Time Price	\$738/MWh
5 Min Intervals at \$100 or Above	2335
5 Min Intervals at \$0 or Below	2083

Source: Western Australia Energy Market – AEMO

Emission Schemes

In March, the Large-scale Generation Certificate (LGC) market saw significant trading volumes across all vintages. The Clean Energy Regulator (CER) released its December quarter 2023 Carbon Market Report, indicating a larger surplus of certificates compared to 2022. This suggests that market participants are holding substantial quantities of certificates in their registries. Despite strong and likely ongoing non-RET voluntary demand, supply continues to outpace demand.

The closing prices for the LGCs were as follows:

- CY24: \$47.75, up \$1.25
- CY25: \$47.75, up \$0.50
- CY26: \$39.55, down \$0.05
- CY27: \$33.30, up \$0.05
- CY28: \$28.70, up \$1.50
- CY29: \$24.75, up \$1.25
- CY30: \$18.75, unchanged.

In March, Small-scale Technology Certificates (STCs) prices rose to \$39.75 as participants prepared to surrender Quarter 1 liabilities, noting insufficient inventory in the clearing house to meet demand.

New South Wales Energy Saving Certificates (ESCs) remained at the 12-month low of \$21.90 due to healthy creation throughout the month and natural sellers offering certificates in the market.

Victorian Energy Efficiency Certificates (VEECs) returned to previous levels in March, rising from \$91 to close at \$93.90. The market saw a healthy balance of demand and supply, with more sellers entering the market than in the previous month. Creation dropped slightly from February levels but remained above the 2024 average creation rates.

Source: Clean Energy Regulator

Gas Forward Market

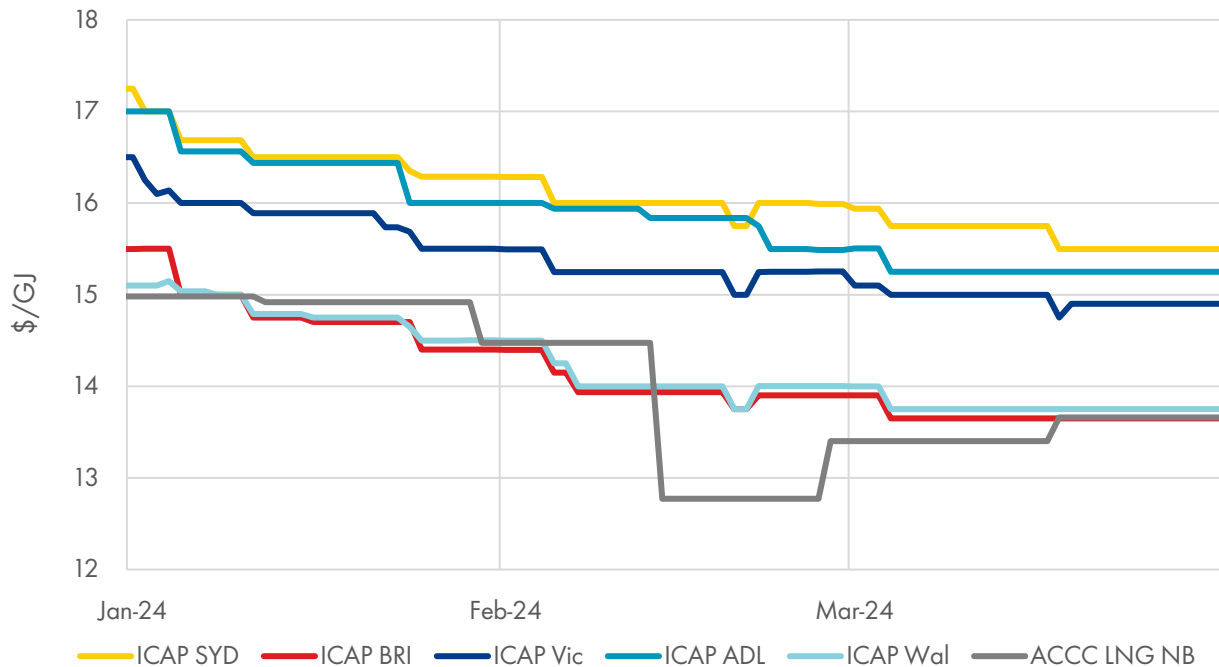
Calendar Year 2025 (CY25)

Domestic forward contracts for Calendar Year 2025 (CY25) eased for the third month in the row, with Sydney observing the largest fall of 2.7% ending the month at \$15.50/GJ for calendar year gas. Locational spreads are still present in the forward curve, with the southern demand market in Victoria attracting a \$1.25/GJ premium to Brisbane. The ACCC LNG netback forward price retraced falls seen in January and February, recovering to \$13.66/GJ. The Calendar Year 2025 forward market has seen increased liquidity from both buyers and sellers.

March 2024, \$/GJ

Market	Period Low	Period High	Opening Price	Closing Price	Monthly Change	Monthly Change (%)
ICAP Brisbane	\$13.65	\$13.90	\$13.90	\$13.65	-\$0.25	-1.8%
ICAP Sydney	\$15.50	\$15.94	\$15.94	\$15.50	-\$0.44	-2.7%
ICAP Adelaide	\$15.25	\$15.50	\$15.50	\$15.25	-\$0.25	-1.6%
ICAP Victoria	\$14.75	\$15.10	\$15.10	\$14.90	-\$0.20	-1.3%
ICAP Wallumbilla	\$13.75	\$14.00	\$14.00	\$13.75	-\$0.25	-1.8%
ACCC LNG NB	\$13.40	\$13.66	\$13.40	\$13.66	\$0.26	1.9%

CY25 Flat Calendar Year | 1 January 2024 to date



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Source: ICAP Energy Gas Forward Price Curve Data, ACCC historical and forward short-term LNG netback price (<https://www.accc.gov.au/regulated-infrastructure/energy/gas-inquiry-2017-25/lng-netback-price-series>)

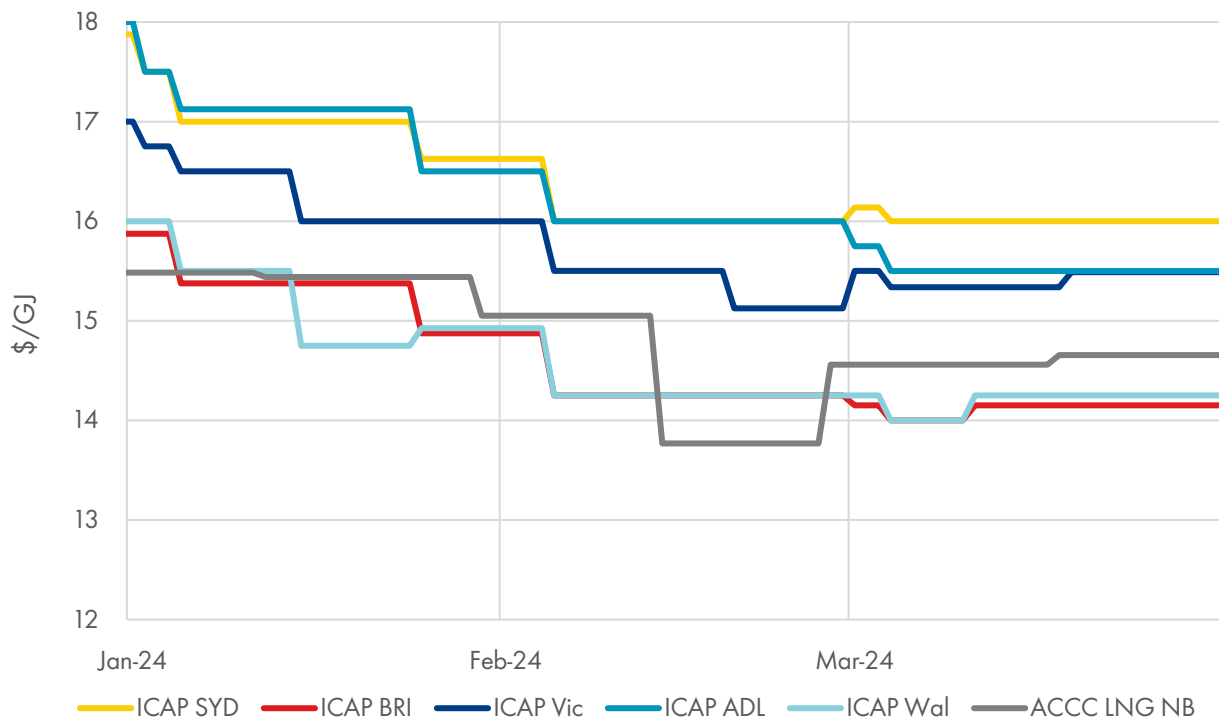
Calendar Year 2026 (CY26)

Domestic forward contracts for Calendar Year 2026 (CY26) have returned to trading with some liquidity in March, with the balance of ASX futures contracts live as of 1 April. CY26 contracts are all trading at a premium to their CY25 counterparties, representing contango in the forward curve for domestic gas. Most markets traded sideways for March, with all markets in the \$14/GJ to \$16/GJ range for wholesale, full-year, flat profiled gas. The Sydney market is trading at nearly a \$2/GJ premium to Brisbane, which reflects the need to attract molecules from where they are produced to where they are consumed. The ACCC LNG netback forward price rose slightly during the month, ending March at \$14.65/GJ.

March 2024, \$/GJ

Market	Period Low	Period High	Opening Price	Closing Price	Monthly Change	Monthly Change (%)
ICAP Brisbane	\$14.00	\$14.15	\$14.15	\$14.15	\$0.00	0.0%
ICAP Sydney	\$16.00	\$16.14	\$16.14	\$16.00	-\$0.14	-0.9%
ICAP Adelaide	\$15.50	\$15.75	\$15.75	\$15.50	-\$0.25	-1.6%
ICAP Victoria	\$15.34	\$15.50	\$15.50	\$15.49	-\$0.01	-0.1%
ICAP Wallumbilla	\$14.00	\$14.25	\$14.25	\$14.25	\$0.00	0.0%
ACCC LNG NB	\$14.56	\$14.65	\$14.56	\$14.65	\$0.10	0.7%

CY26 Flat Calendar Year | 1 January 2024 to date



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Source: ICAP Energy Gas Forward Price Curve Data, ACCC historical and forward short-term LNG netback price (<https://www.accc.gov.au/regulated-infrastructure/energy/gas-inquiry-2017-25/lng-netback-price-series>)

Spot Prices: East Coast Gas Market

Spot prices traded in the low \$10/GJ to high \$12/GJ range for March. The Victorian Declared Wholesale Gas Market (DWGM) average 6am price was \$11.23/GJ for the month. There was some price separation observed between markets, with Adelaide trading at nearly a \$2/GJ premium to Victoria during maintenance to infrastructure connecting the markets. Brisbane and Sydney spot markets were relatively closely correlated and traded close to \$11/GJ for the month.

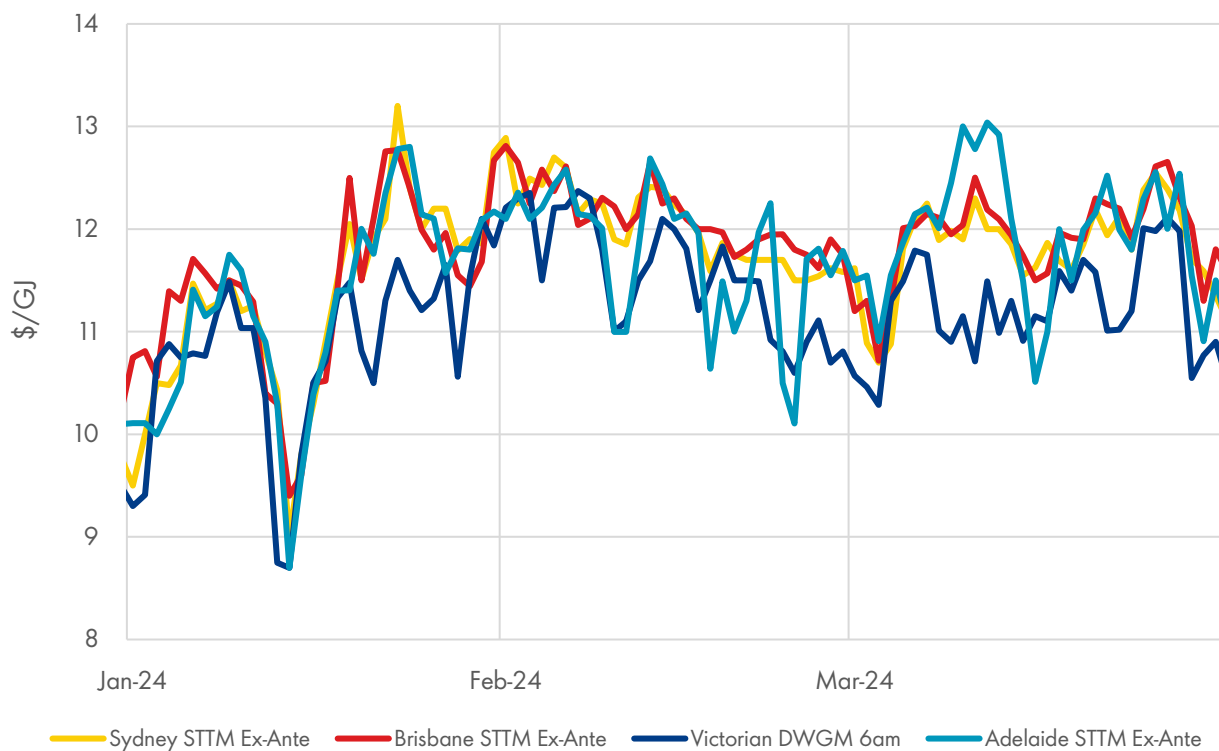
Summer temperatures across the NEM eased in March, resulting in subdued demand from Gas Power Generation. The Iona gas storage facility inventory added more than 1PJ to inventory levels, with inventory commencing Q2 at over 23PJ, representing less gas in storage than the same time last year, but still more than the trailing seven-year average.

March 2024, \$/GJ

Market	Average Spot Price	Minimum Spot Price	Maximum Spot Price
Brisbane STTM ¹	\$11.93	\$10.72	\$12.65
Sydney STTM	\$11.82	\$10.70	\$12.55
Adelaide STTM	\$11.95	\$10.51	\$13.04
Victorian DWGM ² 6am	\$11.23	\$10.29	\$12.11

¹STTM = Short Term Trading Market, ²DWGM = Declared Wholesale Gas Market. The STTM and DWGM markets represent the daily balancing markets administered by AEMO, which primarily serve to balance wholesale supply with end consumer demand.

Gas Spot Prices | 1 January 2024 to date



Source: AEMO MarketData



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<https://www.shell.com/investors/disclaimer-and-cautionary-note.html>

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