



TASMANIAN MARKET WATCH

Weekly Electricity Market Data Analysis



Week 15: 7 April 2024 to 13 April 2024 (Sunday - Saturday)

This Week at a Glance

Prices

Average Price (Volume Weighted)	76.29	\$/MWh
Average Price this week last year	63.67	\$/MWh
Median Price	72.21	\$/MWh
% of time Price <\$50/MWh	16.96	%
NEM Average Price (excl. Tas)	80.83	\$/MWh

Storages

Storages as at 8 April 2024	5 120	GWh
Percentage Full	35.47	%
Compared to last week	57.77 ↓	GWh

Demand

Maximum Demand	1 327	MW
Minimum Demand	508	MW
Average Demand	1 140	MW
Weekly Energy Consumption	191.51	GWh

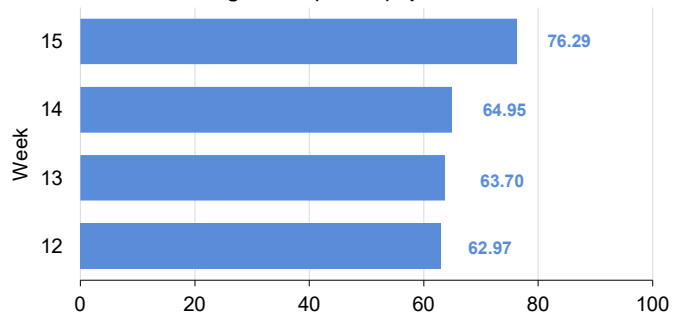
Basslink

Total Export	17.17	GWh
Total Import	33.17	GWh
Percentage time counter price flow	11.61	%

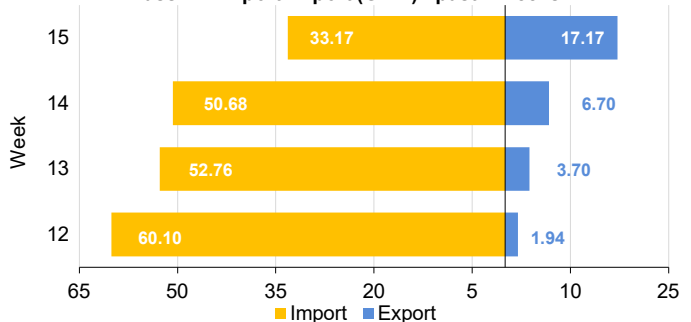
Frequency Control Ancillary Services (FCAS)

Total FCAS Costs (Tas)	224.30	\$'000s
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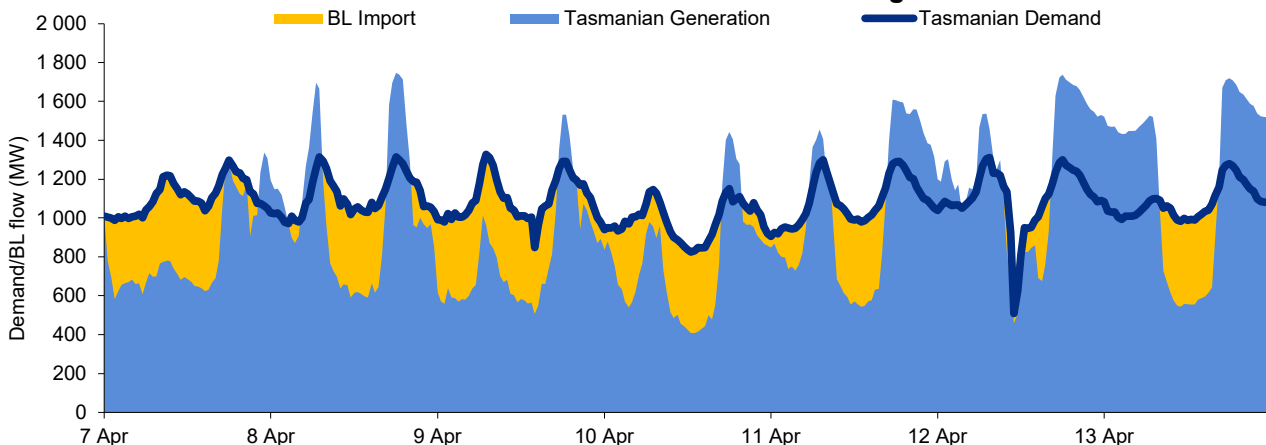
Average Price (\$/MWh) - past 4 weeks



Basslink Import/Export (GWh) - past 4 weeks



Tasmanian demand and Basslink flow during the week

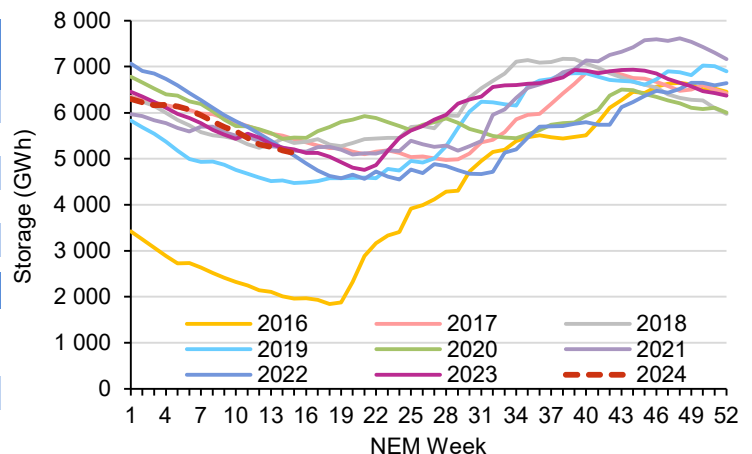


Water Storage Situation*

(as at Monday 8 April 2024)	System
Beginning of this week (GWh)	5 120
Percentage full	35.47%
Beginning of last week (GWh)	5 178
Change from last week (GWh)	1.12% ↓
Compared to last year (GWh)	1.57% ↓

Generation

Hydro Generation	146.30	GWh
Gas Generation	1.08	GWh
Wind Generation	28.88	GWh



Sources: Hydro Tasmania/NEM-Review™

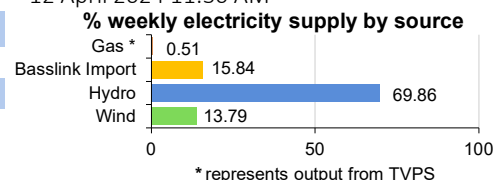
*Water storage situation represents system storage levels exclusive of Lake Gairdner, Lake Margaret and Lake Plimsoll. These levels are used in Hydro Tasmania's publications, for historical consistency.

Fact Sheet

Compiled using information from NEMReview™ and AEMO published data

Market Price		This week	Last week	Change	
Average Price (Volume Weighted)	\$/MWh	76.29	64.95	UP by	17%
Median Price	\$/MWh	72.21	68.63	UP by	5%
Maximum Price	\$/MWh	221.48	129.30		
Minimum Price	\$/MWh	1.90	9.40		
% of intervals price was below \$50/MWh	%	16.96	15.77		
Recorded max weekly average since 29.4.06	\$/MWh	● 15 100.00	Week 25/2009		
Recorded min weekly average since 29.4.06	\$/MWh	● 0.46	Week 6/2010		

Demand		Occurrence
Maximum Demand during the week	MW	1 327 09 April 2024 7:30 AM
Minimum Demand during the week	MW	508 12 April 2024 11:30 AM
Average Demand during the week	MW	1 140
Weekly System Load Factor (LF)	%	81.52
Autumn Average LF (Mar 22 - May 22)	%	71.78
Weekly Energy Consumption	GWh	191.51



Recorded maximum peak for 2024	MW	1 327	9 April 2024
Recorded maximum peak to date	MW	1 760	11 August 2008

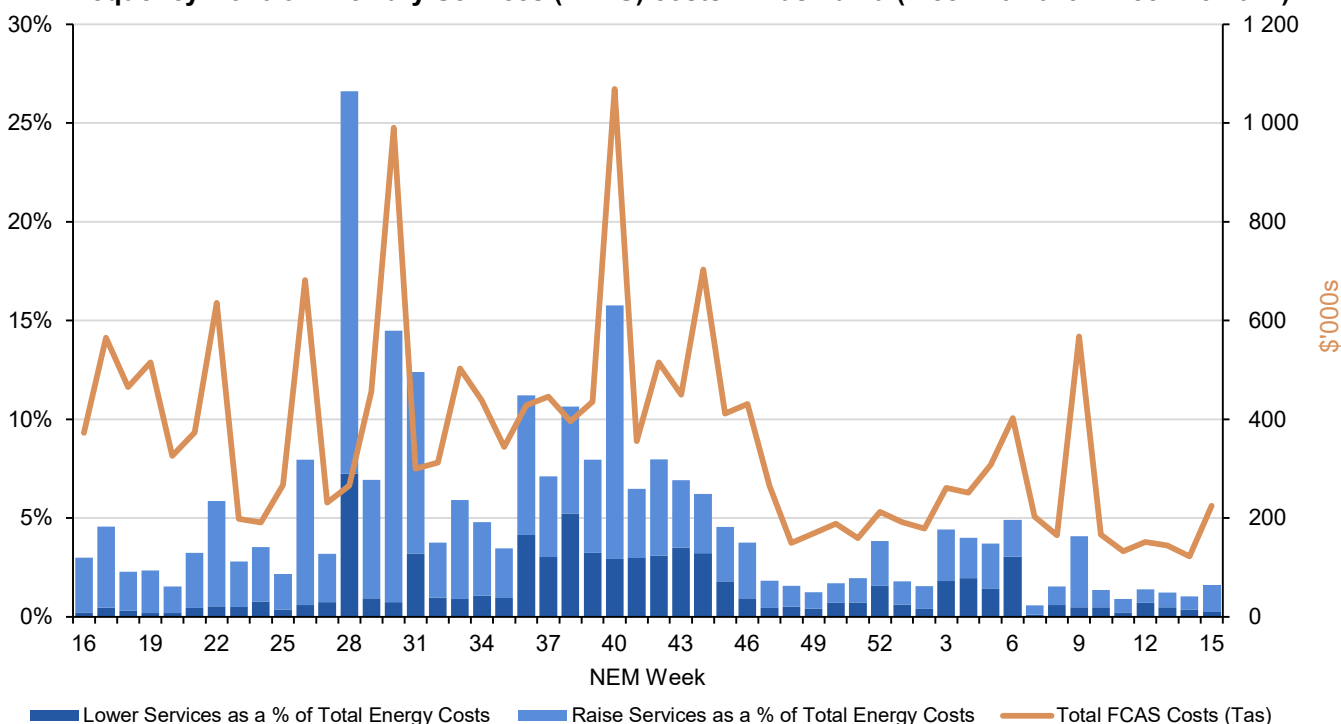
Basslink		Export	Import	Net/Total
Total Export/Import	GWh	17.17	33.17	Net Import 16.00
Max flow during export/import	MW	439	439	
Inter-regional revenue generated*	\$'000s	853.88	689.22	1 543.09
Max +ve price differential observed	\$/MWh	212.81	68.14	
Max -ve price differential observed	\$/MWh	-38.28	-25.04	
% time of counter price flow	%	2.68	8.93	11.61
No-go zone flows (% of total MWh flows)	%	0.00	0.20	0.13

* Losses in the link are not considered in the calculation of residues.

FCAS Costs ¹		Tasmania	Mainland	Total NEM
Total FCAS costs	\$'000s	224.30	784.30	1 008.60
% of Total Energy Costs	%	1.62	0.29	0.36
Cost of Lower Services	\$'000s	38.09	214.11	252.20
% of Total Energy Costs	%	0.27	0.08	0.09
Cost of Raise Services	\$'000s	186.21	570.19	756.40
% of Total Energy Costs	%	1.34	0.21	0.27

1. Note as of 9 October 2023, FCAS costs include very fast raise and very fast lower contingency FCAS

Frequency Control Ancillary Services (FCAS) costs in Tasmania (Week 16 2023 - Week 15 2024)

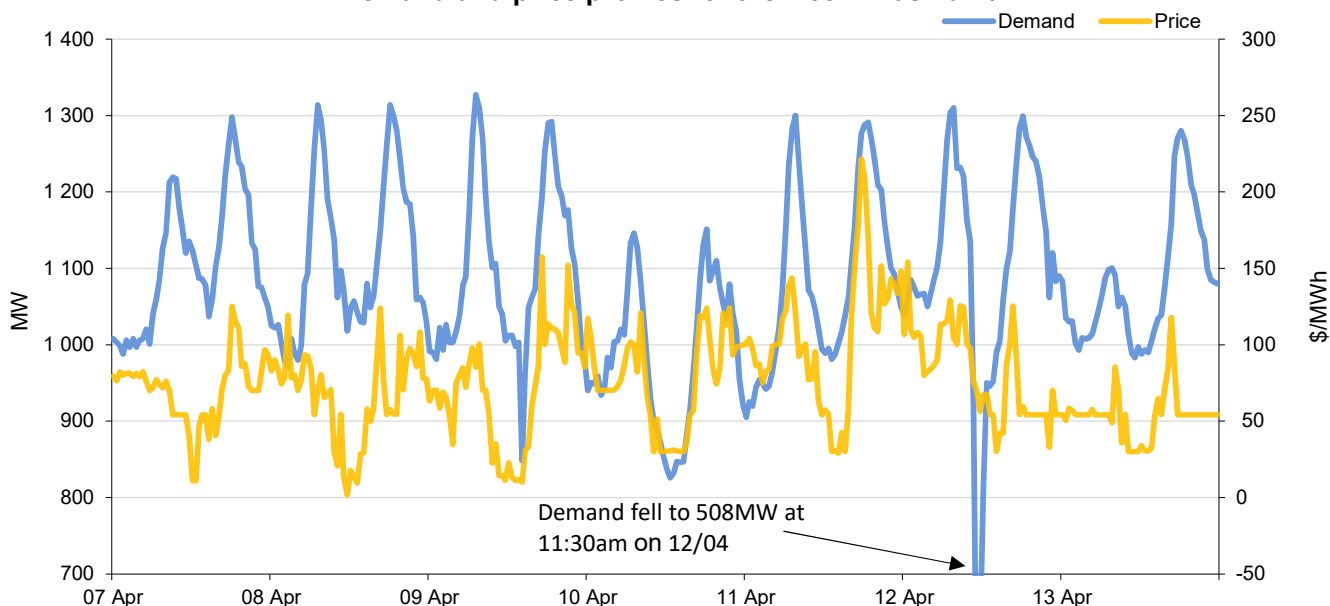


Price and Demand during Week 15

Volume Weighted Weekly Average = \$76.29/MWh

The spot price in Tasmania did not reach more than three times the weekly average during the week.

Demand and price profiles for the week - Tasmania

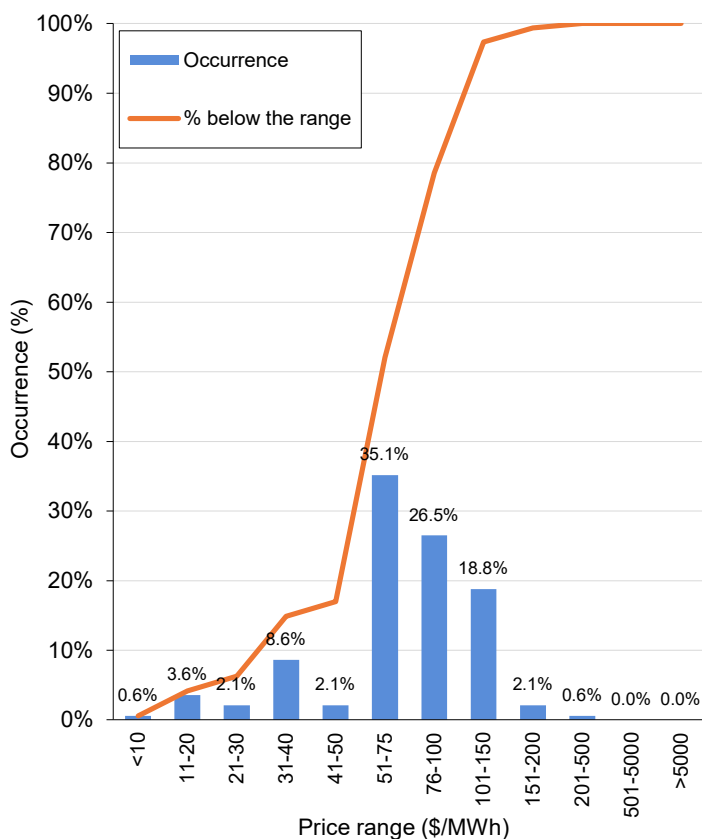


Other Market News and Trends

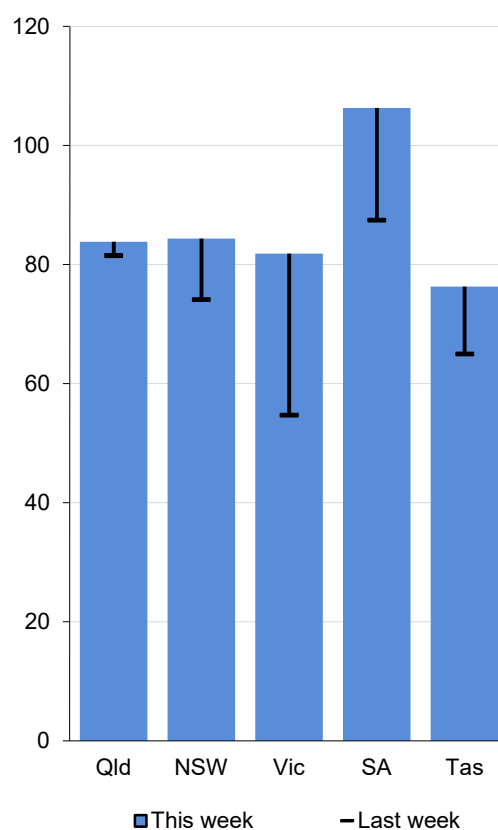
Compared to last week, average volume weighted spot prices for the week increased in all NEM jurisdictions. Average prices ranged between \$76.29/MWh in Tasmania and \$106.29/MWh in South Australia. Tasmanian spot prices were predominately between \$51/MWh and \$100/MWh during the week, with a maximum of \$221.48/MWh, and a minimum of \$1.90/MWh.

Turnover in the NEM was \$279.77 million (turnover in the Tasmanian region was \$13.87 million). The total cost of ancillary services in the NEM for the week was \$1.01 million or 0.36 per cent of total electricity market turnover.

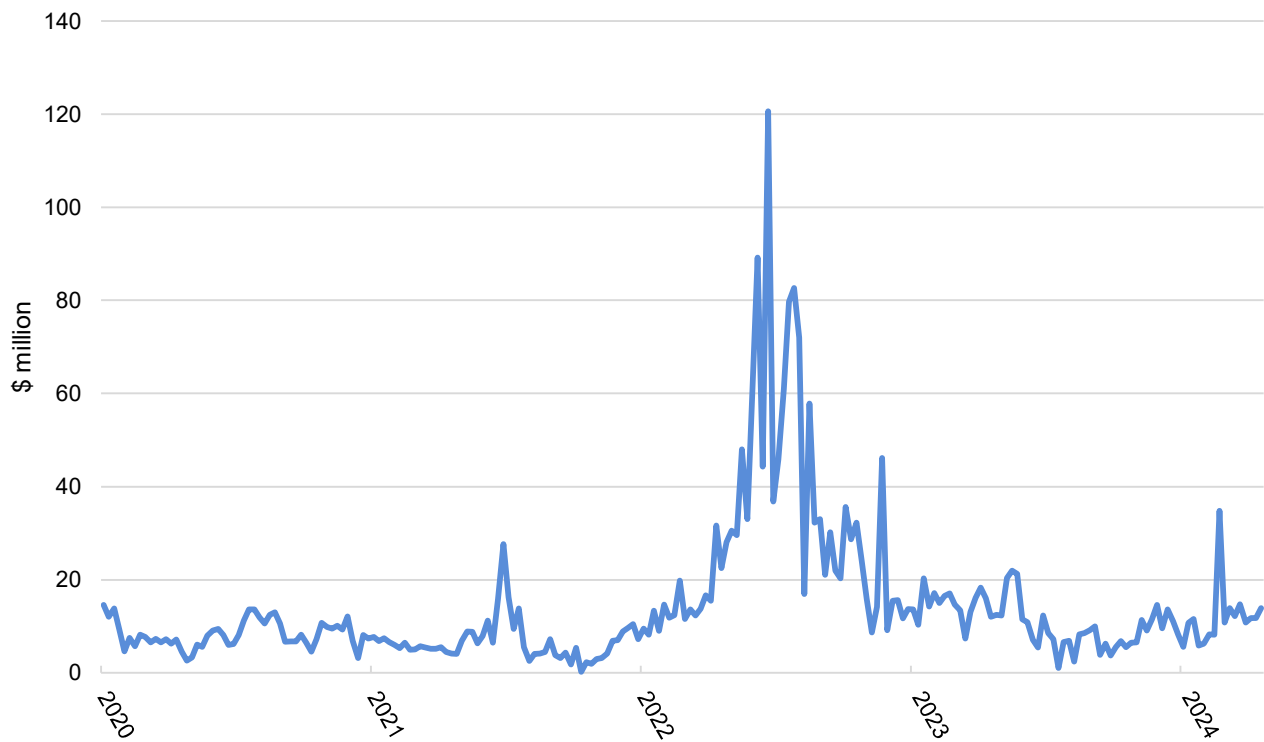
Spot price distribution during the week (Tasmania)



Volume weighted weekly average prices in the NEM (\$/MWh)



Weekly turnover in the Tasmanian electricity market (NEM week 1 2020 - week 15 2024)

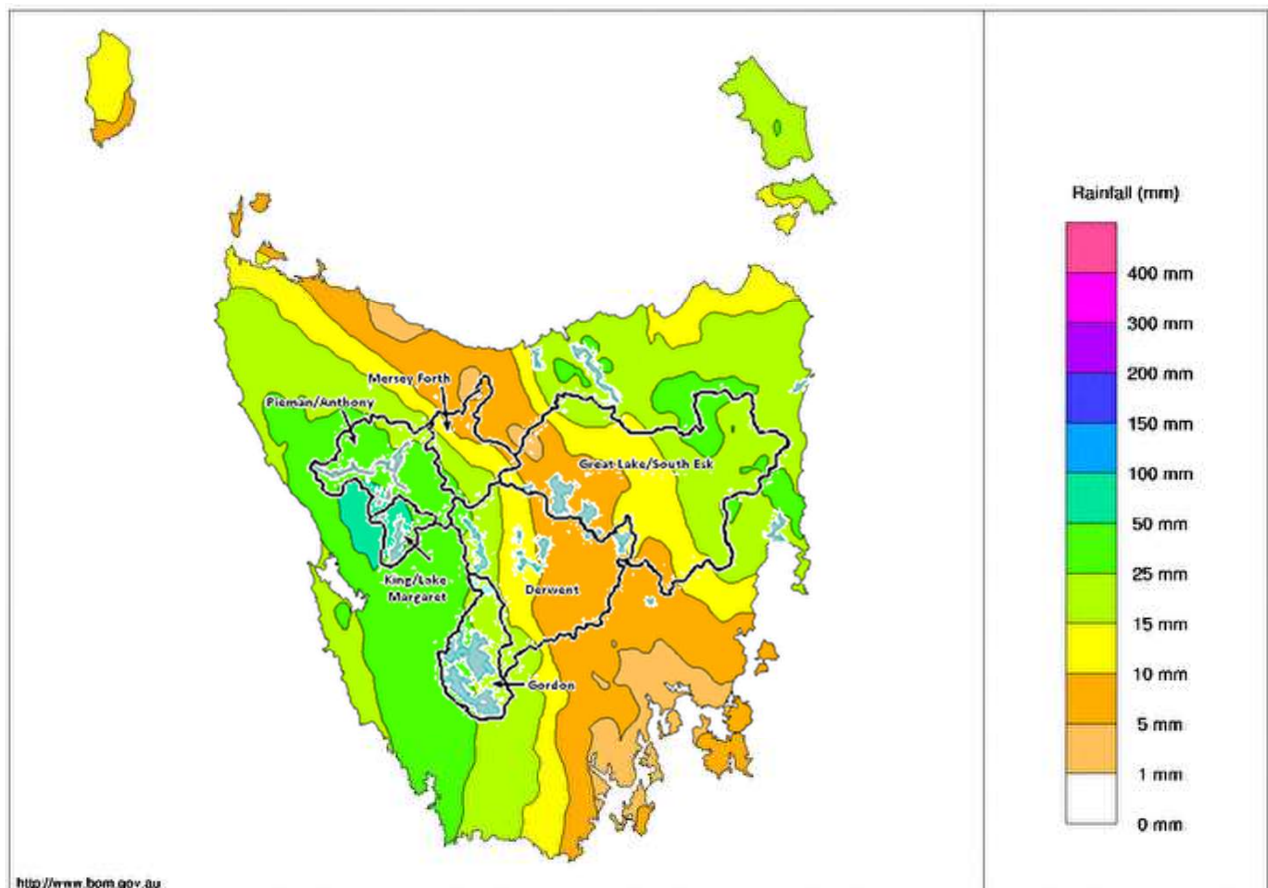


Tasmanian rainfall for the week

Map showing rainfall (mm) for the week over Hydro catchment areas

Tasmanian Rainfall Totals (mm)

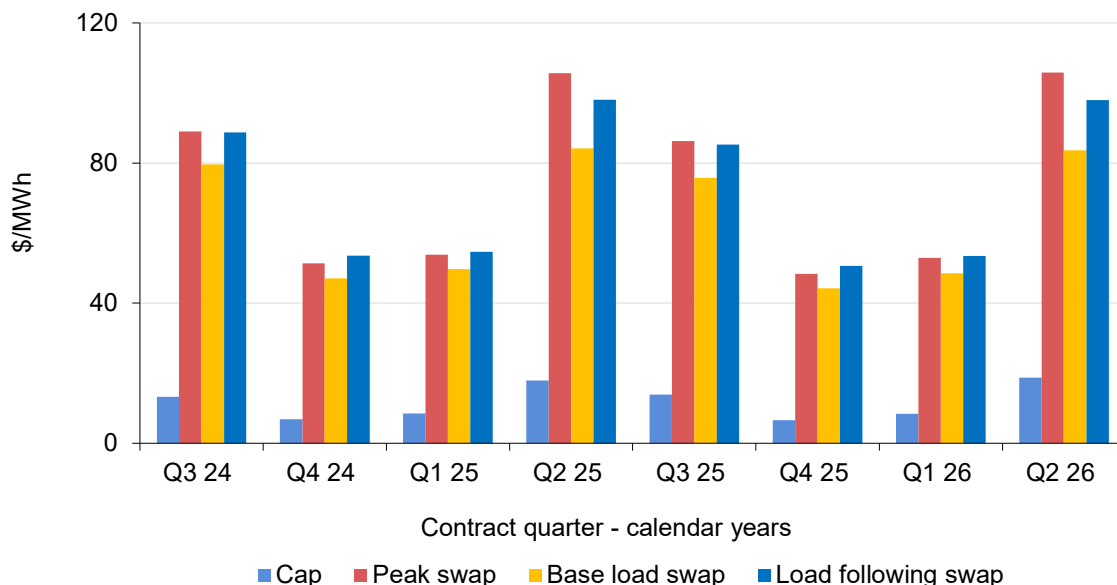
Week Ending 13 April 2024



Wholesale Electricity Market Contract Regulation

To help you understand the information in this section, please refer to the [Regulator's Wholesale Pricing page](#) available on the Office of the Tasmanian Economic Regulator's website.

Prices in approved financial contracts offered by Hydro Tasmania as at 09 April 2024



Traffic Light Indicators

The traffic light indicators advise market participants of the availability of energy for Regulator-approved contracts under the Wholesale Contract Regulatory Instrument in each of the eight forward quarters in which Hydro Tasmania is required to offer approved contracts.

For more information on the role of the traffic light indicators, please refer to the Market Watch Readers Guide available on the Office of the Tasmanian Economic Regulator's website.

	Capacity	Energy	Active Contract Quarter
Q3 24	Yellow	Yellow	Yes
Q4 24	Yellow	Red	Yes
Q1 25	Yellow	Yellow	Yes
Q2 25	Yellow	Green	Yes
Q3 25	Green	Green	Yes
Q4 25	Green	Green	Yes
Q1 26	Green	Green	Yes
Q2 26	Green	Green	Yes

Key:

- Significant head room (>130MW of capacity, >200GWh of energy) still available
- Limited head room (0-130MW of capacity, 0-200GWh of energy) available
- No head room available

Disclaimer: Although this report has been prepared in good faith using information and reports publicly available from web sites and other sources, the Office of the Tasmanian Economic Regulator assumes no liability as to the reliability and accuracy of the information provided. Readers should refer to the 'Market Watch Reader Guide' for definitions of terms and an overview of the data and charts used in this weekly bulletin.