

HydroWatch

Thursday, 13 November 2025
Issue: 1491
A weekly summary relating to New Zealand hydro storage and inflows.
Compiled by Energy Link Ltd.

Storage Summary	South Island Controlled	South Island Uncontrolled	South Island Total	North Island Taupo	Total Storage
Current Storage (GWh)	2,373	811	3,184	483	3,666
Storage Change (GWh)	114	-65	49	-16	33

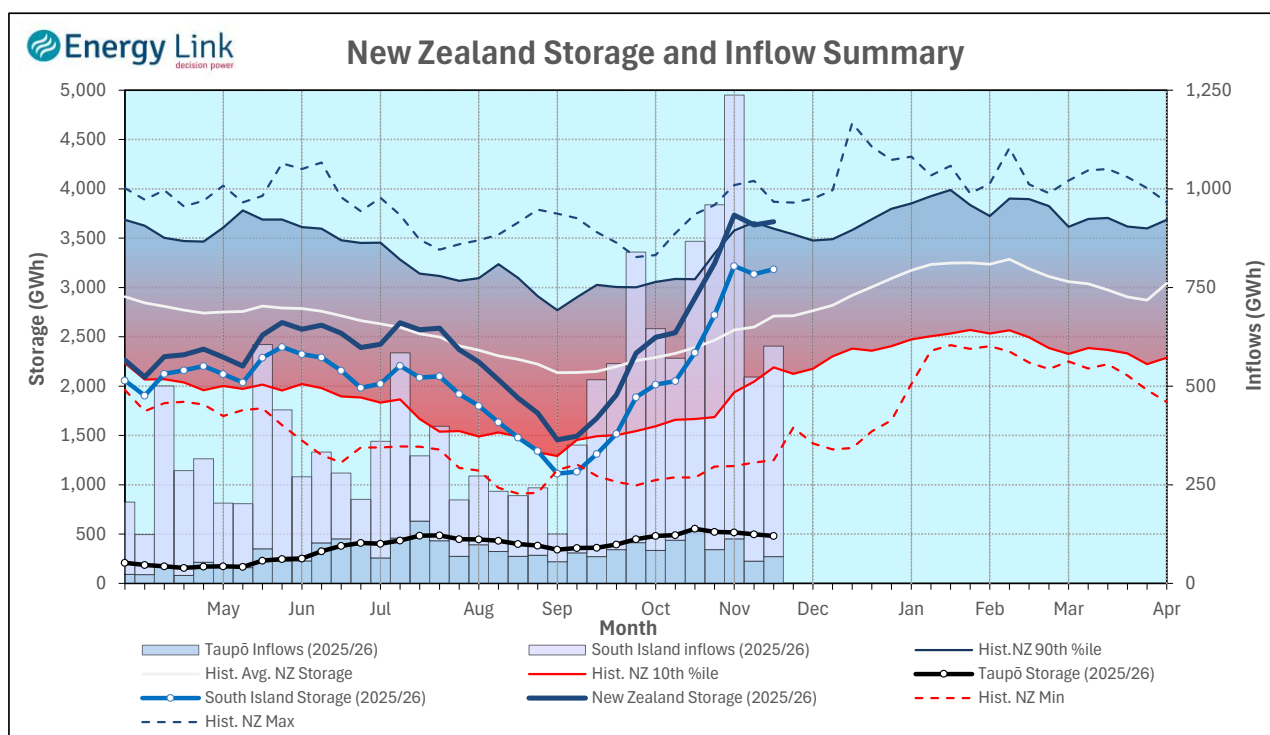
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island	New Zealand
Current Storage (GWh)	2,969	483	3,451

Note: These figures are provided to align with Transpower's Security of Supply reporting methodology. Variance from Transpower values is due to differences in generation efficiencies and contingent storage volumes.

New Zealand Summary

Total storage increased 33 GWh over the last week. South Island controlled storage increased 5% to 2,373 GWh; South Island uncontrolled storage decreased 7% to 811 GWh; with Taupō storage decreasing 3.2% to 483 GWh.



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Storage (GWh)	Manapōuri	Clutha	Waitaki	Waikato	NZ
This Week	596	463	2,125	483	3,666
Last Week	656	451	2,028	498	3,633
% Change	-9.2%	2.6%	4.8%	-3.2%	0.9%
Inflow (GWh)	Manapōuri	Clutha	Waitaki	Waikato	NZ
This Week	184	136	214	68	602
Last Week	141	108	217	56	523
% Change	30.6%	25.8%	-1.7%	20.3%	15.1%

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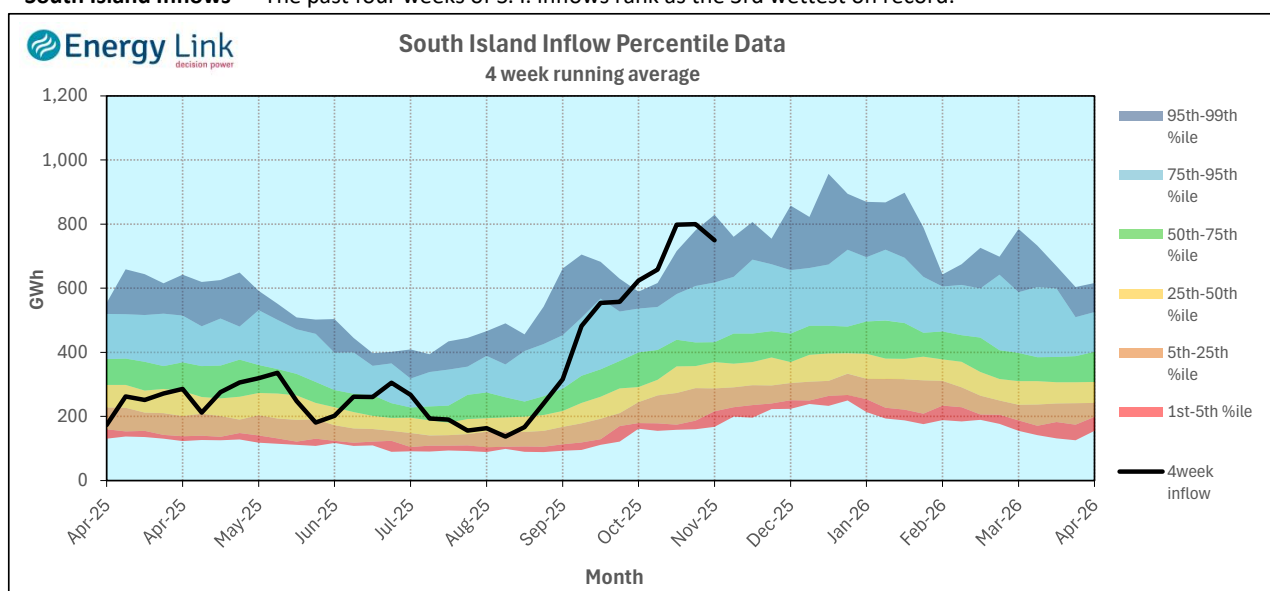
Lake Levels and Outflows

Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumecs)	Outflow Change
Manapōuri	Manapōuri	179.26	202	483	-175
	Te Anau	203.49	393		
Clutha	Wakatipu	310.59	101	385	-72
	Wānaka	278.37	114	396	
	Hāwea	344.75	248	15	
Waitaki	Takapō	709.18	711		-87
	Pūkaki	529.32	1,414		
Waikato	Taupō	357.03	483		-2

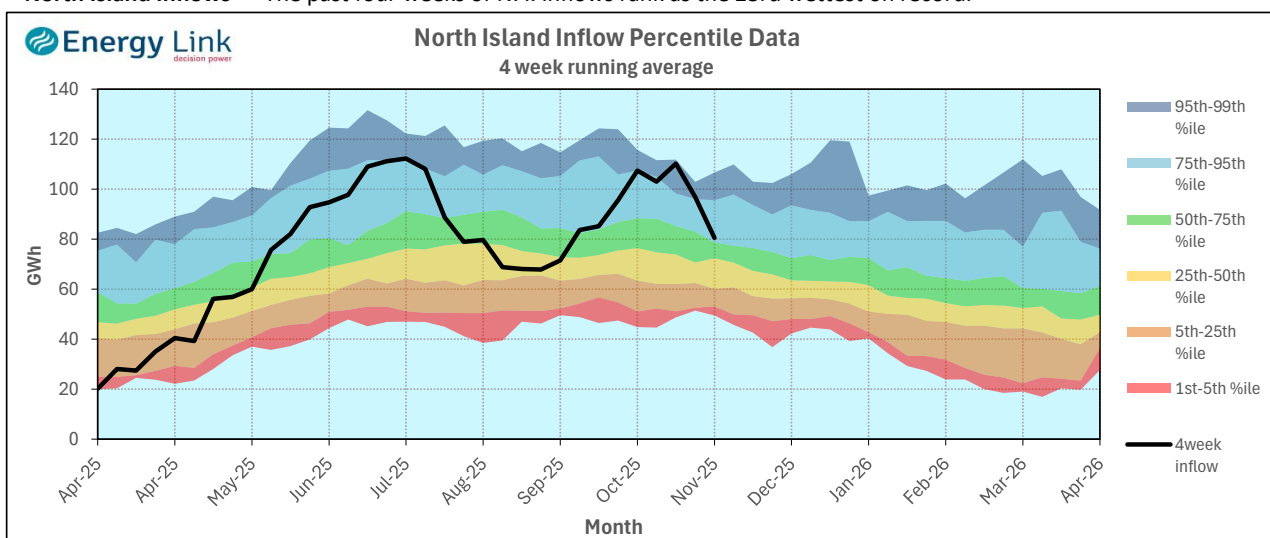
Inflow Summary

The two charts below represent where current inflows are in relation to historic inflow patterns. The percentile values have been calculated using all inflows since 1931.

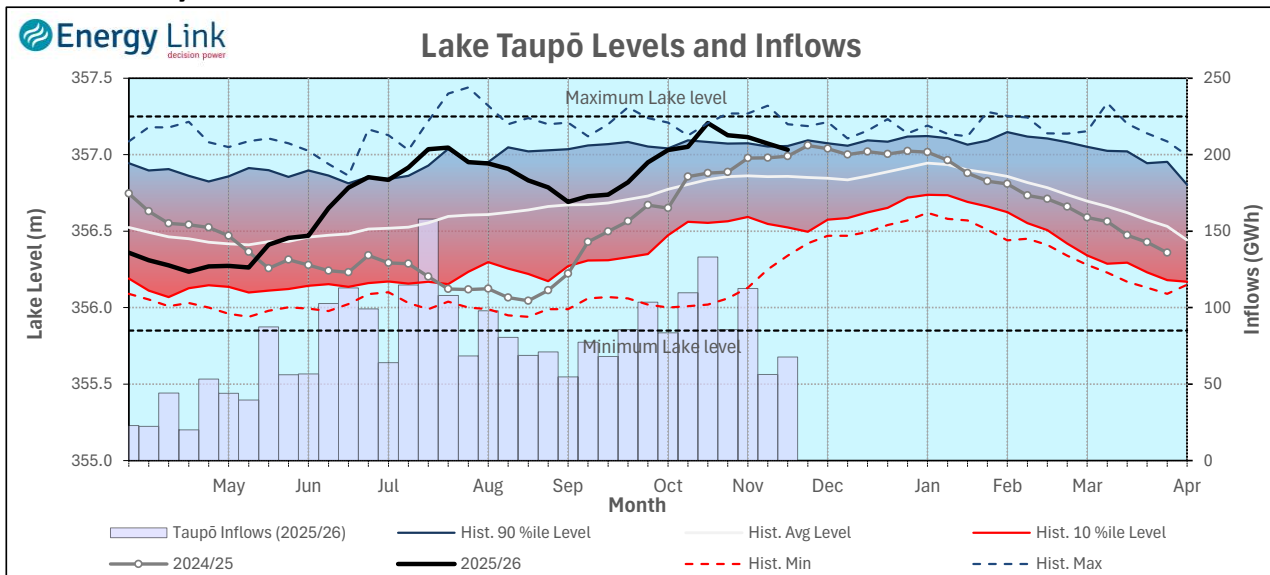
South Island Inflows - The past four weeks of S. I. inflows rank as the 3rd wettest on record.



North Island Inflows - The past four weeks of N. I. inflows rank as the 23rd wettest on record.



Waikato System

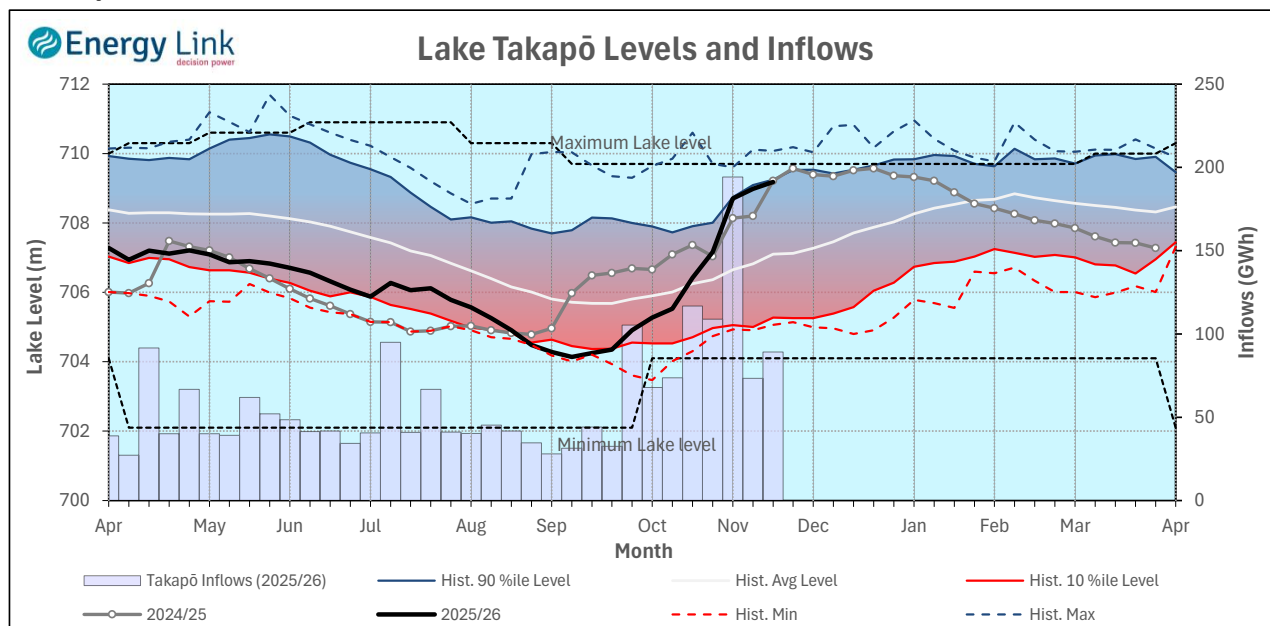


Lake Levels - Lake Taupō storage fell to 84.5% of nominal full at 483 GWh.

Inflows - Inflows increased 20.3% to 68 GWh.

Generation - Average generation increased 12.3% to 527.6 MW.

Takapō



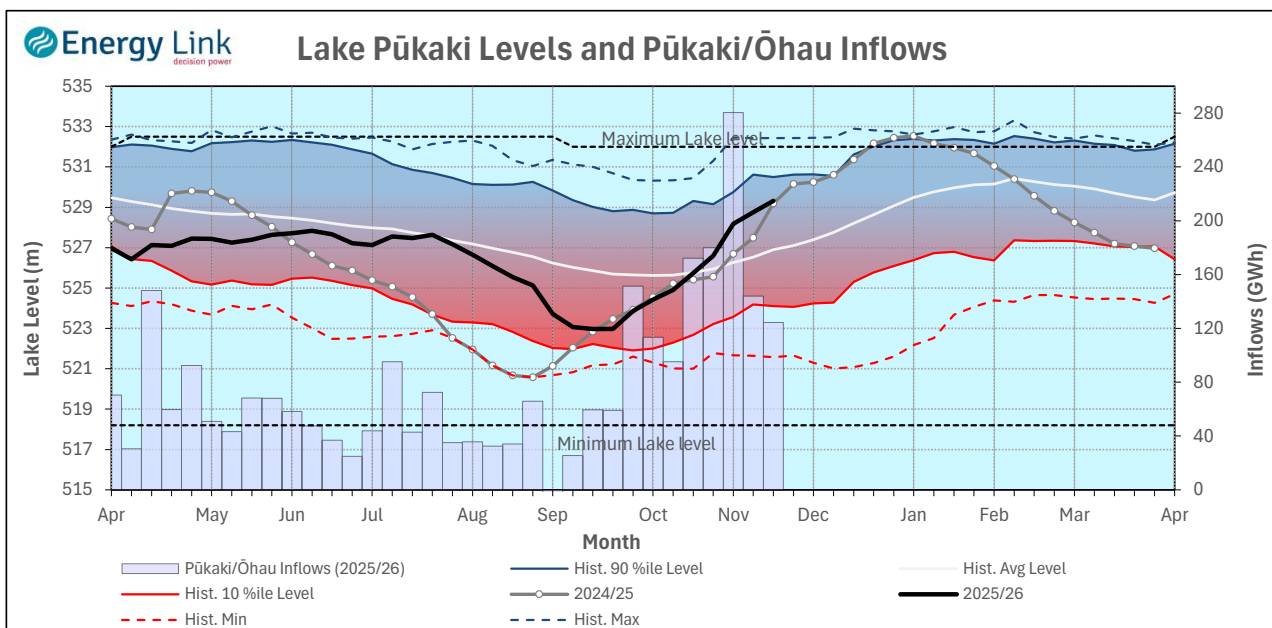
Lake Levels - Lake Takapō ended the week 98% nominally full with storage increasing to 711 GWh.

Inflows - Inflows into Takapō increased 21.5% to 89 GWh.

Generation - Average Takapō generation increased 59% to 145.6 MW.

Hydro Spill - Lake Takapō did not spill.

Waitaki System



Lake Levels - Lake Pūkaki ended the week 79% nominally full with storage increasing to 1,414 GWh.

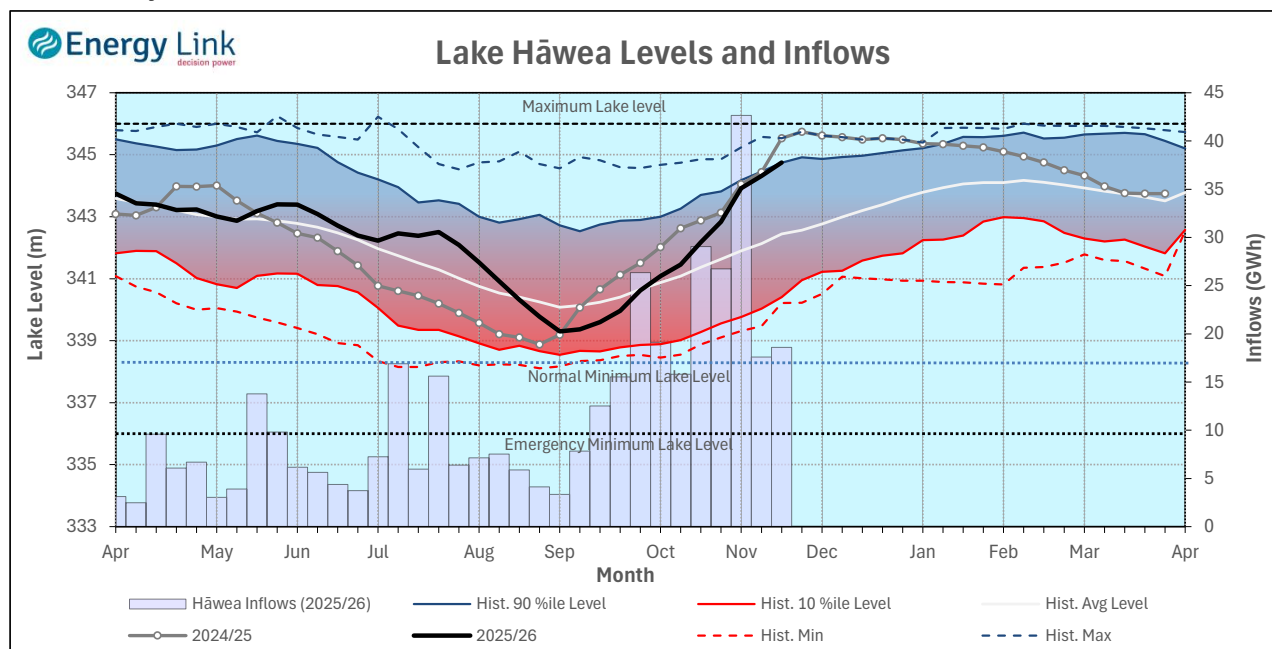
Inflows - Inflows into the Waitaki System decreased 13.5% to 124 GWh.

Generation - Average Waitaki generation decreased 10.1% to 743 MW.

Hydro Spill - Lake Pūkaki did not spill.

River Flows - Flows from the Ahuriri River fell to 77.4 cumecs while Waitaki River flows were lower than last week averaging 363.9 cumecs.

Clutha System



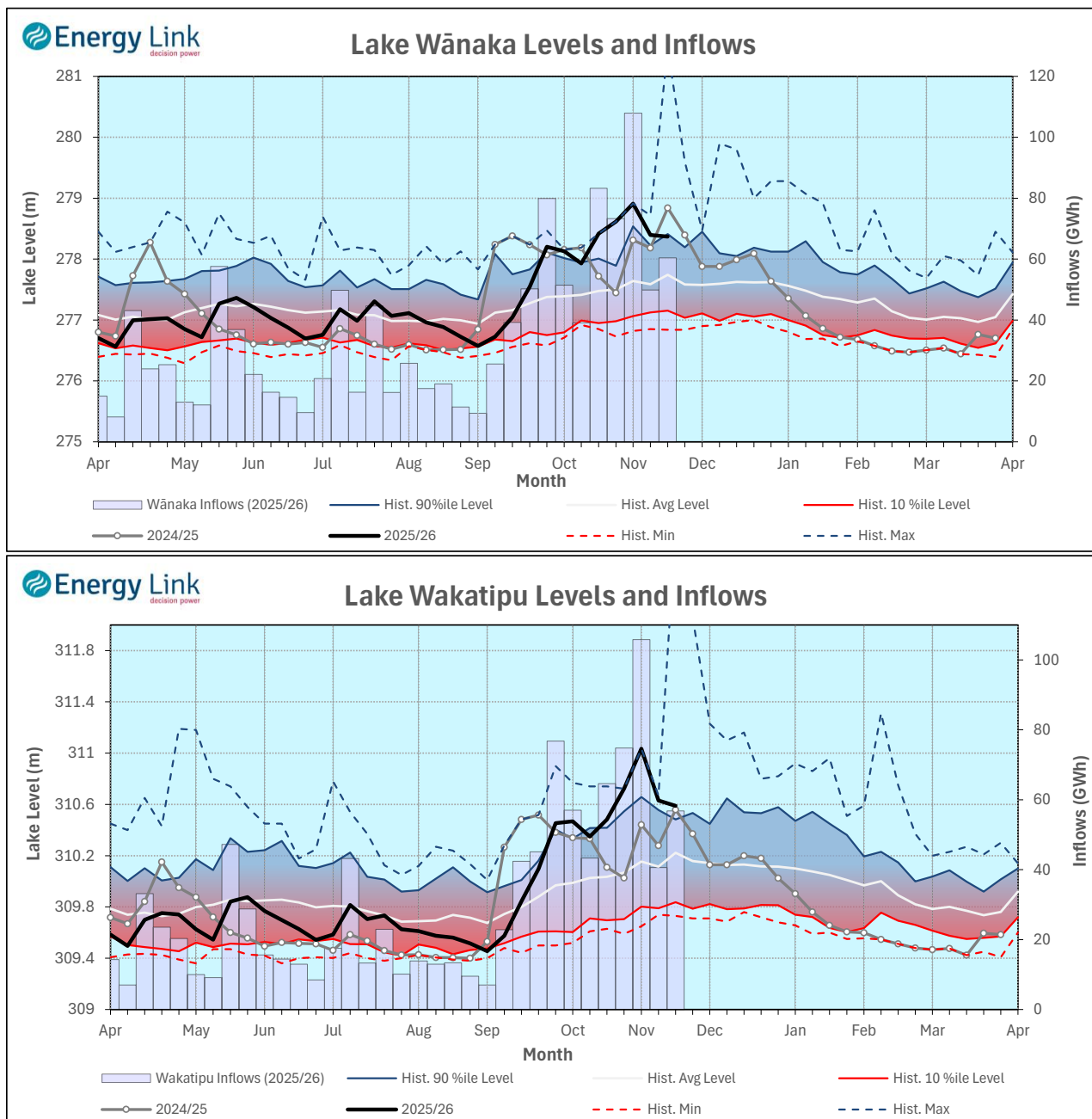
Lake Levels - Total storage for the Clutha System increased by 2.6% to 463 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 84%, 99.5% and 95.6% nominally full respectively.

Inflows - Total Inflows into the Clutha System 25.8% higher at 136 GWh.

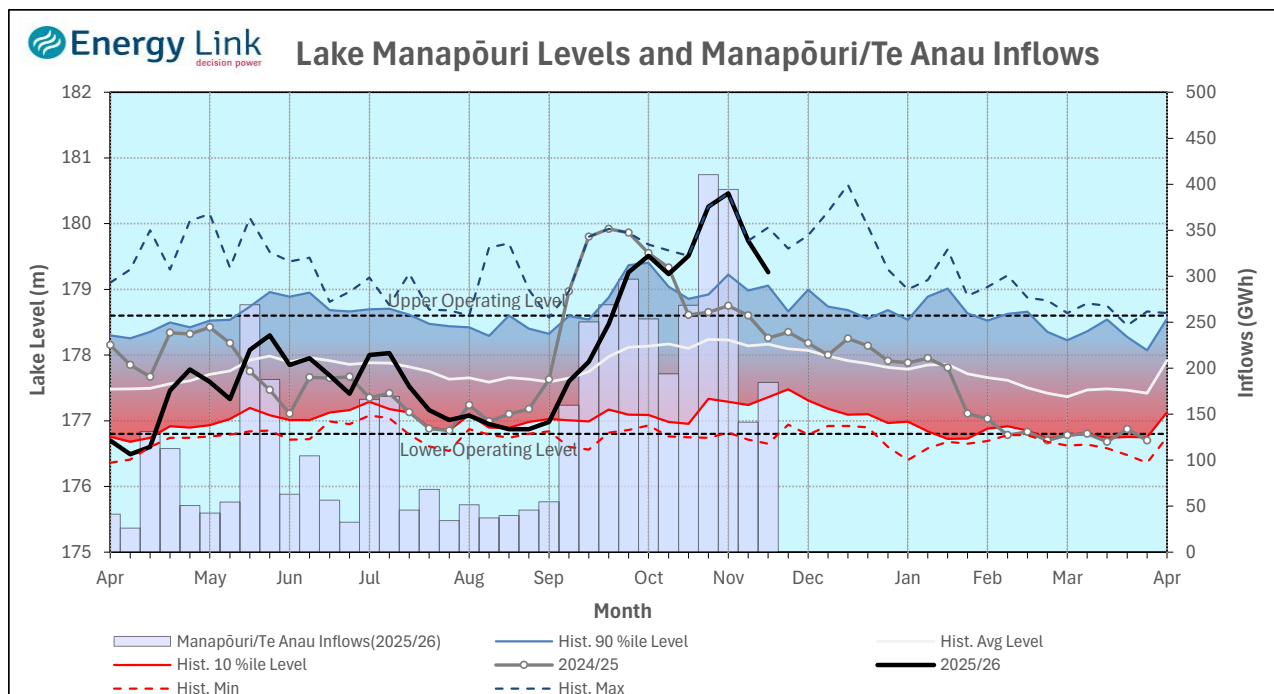
Generation - Average generation was 40.5% higher at 651 MW.

Hydro Spill - Estimate Spill is 215.6 cumecs.

River Flows - Total outflows from the lakes and Shotover River fell to 916.5 cumecs. This comprised of 15 cumecs from Lake Hāwea, 396 cumecs from Lake Wānaka, 385 cumecs from Lake Wakatipu and 121 cumecs from the Shotover River.



Manapōuri System



Lake Levels - Total storage for the Manapōuri System decreased 9.2% to 596 GWh with Lake Manapōuri ending the week 124.5% nominally full and Lake Te Anau ending the week 142.9% nominally full.

Inflows - Total inflows into the Manapōuri System increased 30.6% to 184 GWh.

Generation - Average generation was remained steady at 743 MW.

Hydro Spill - Estimated spill at the Māraroa Weir was 483.2 cumecs.

Operating Range - Lakes Manapōuri and Te Anau are operating in the middle of their respective 'High operating range'.

