

HydroWatch

Thursday, 23 October 2025
Issue: 1488
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)	1,726	997	2,723	521	3,244
Storage Change (GWh)	213	171	384	-32	352

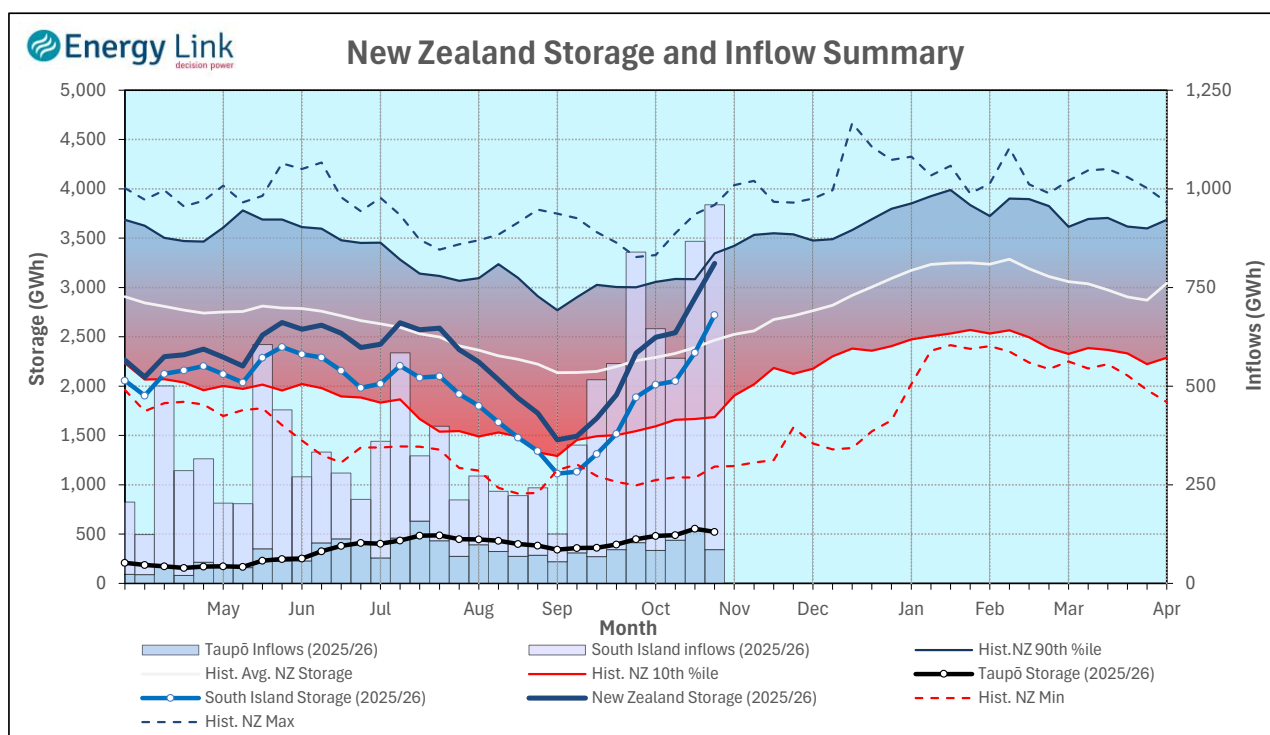
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island	New Zealand
Current Storage (GWh)	2,485	521	3,006

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 352 GWh over the last week. South Island controlled storage increased 14.1% to 1,726 GWh; South Island uncontrolled storage increased 21% to 997 GWh; with Taupō storage decreasing 5.8% to 521 GWh.



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Storage (GWh)	Manapōuri	Clutha	Waitaki	Waikato	NZ
This Week	760	414	1,549	521	3,244
Last Week	617	361	1,361	553	2,892
% Change	23.1%	14.6%	13.8%	-5.8%	12.2%
Inflow (GWh)	Manapōuri	Clutha	Waitaki	Waikato	NZ
This Week	410	175	289	86	960
Last Week	268	177	289	133	867
% Change	52.9%	-1.1%	0.0%	-35.7%	10.7%

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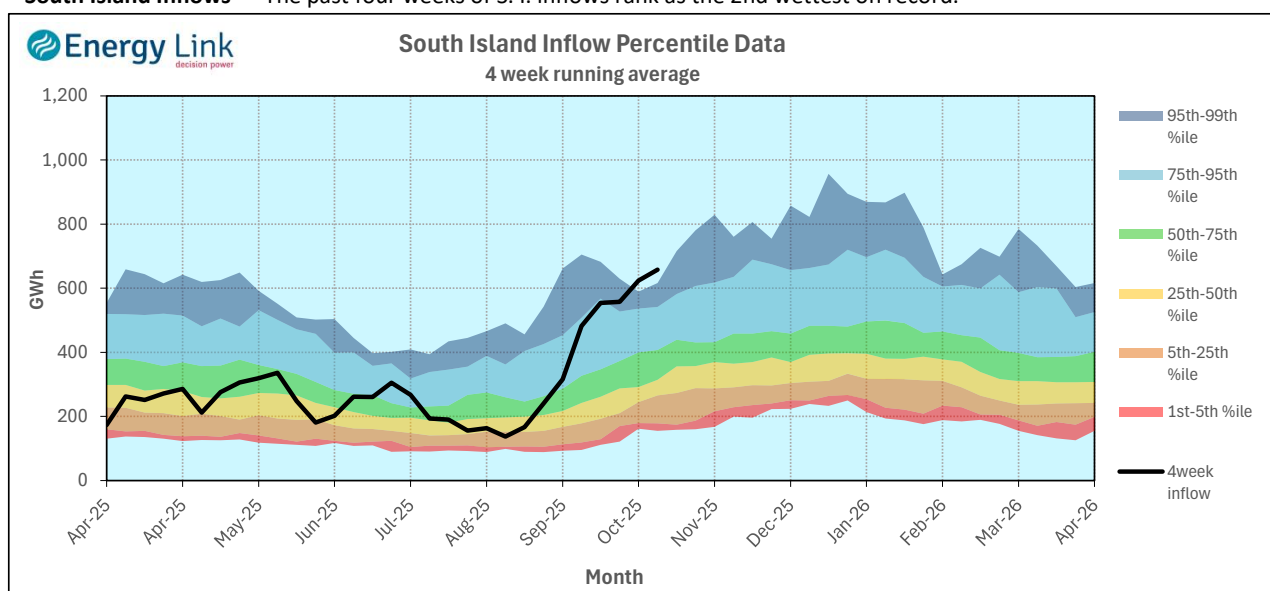
Lake Levels and Outflows

Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumeecs)	Outflow Change
Manapōuri	Manapōuri	180.26	263	580	91
	Te Anau	204.18	497		
Clutha	Wakatipu	310.72	111	364	14
	Wānaka	278.62	126	406	
	Hāwea	342.84	176	14	
Waitaki	Takapō	707.16	496		29
	Pūkaki	526.60	1,053		
Waikato	Taupō	357.13	521		0

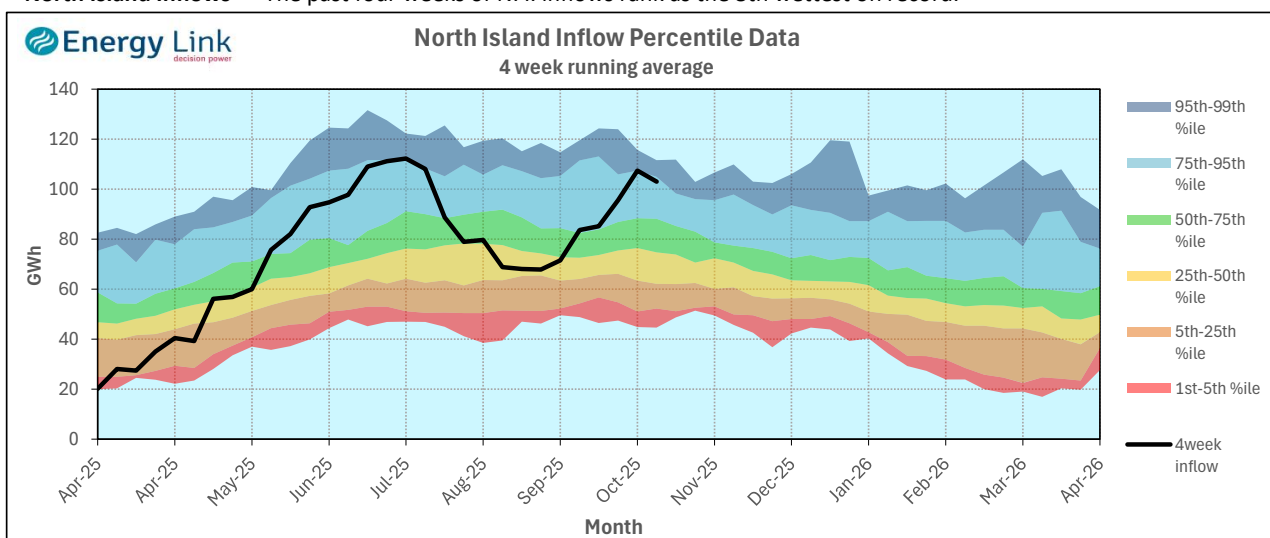
Inflow Summary

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.

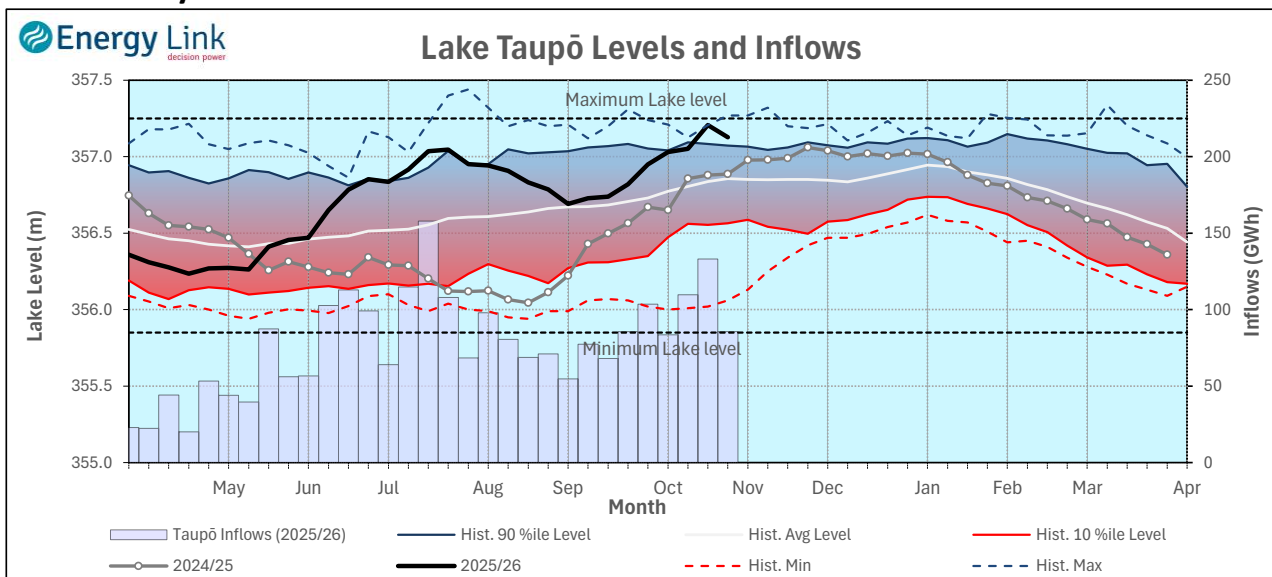
South Island Inflows - The past four weeks of S. I. inflows rank as the 2nd wettest on record.



North Island Inflows - The past four weeks of N. I. inflows rank as the 8th wettest on record.



Waikato System

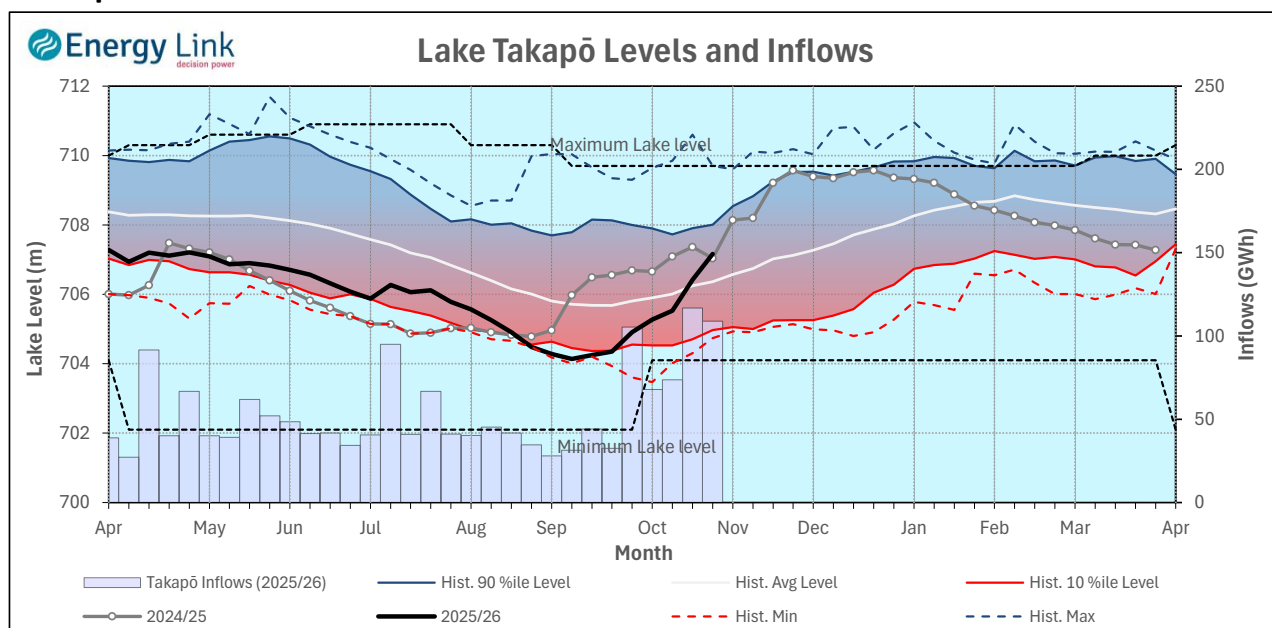


Lake Levels - Lake Taupō storage fell to 91.3% of nominal full at 521 GWh.

Inflows - Inflows decreased 35.7% to 86 GWh.

Generation - Average generation decreased 5.8% to 448 MW.

Takapō



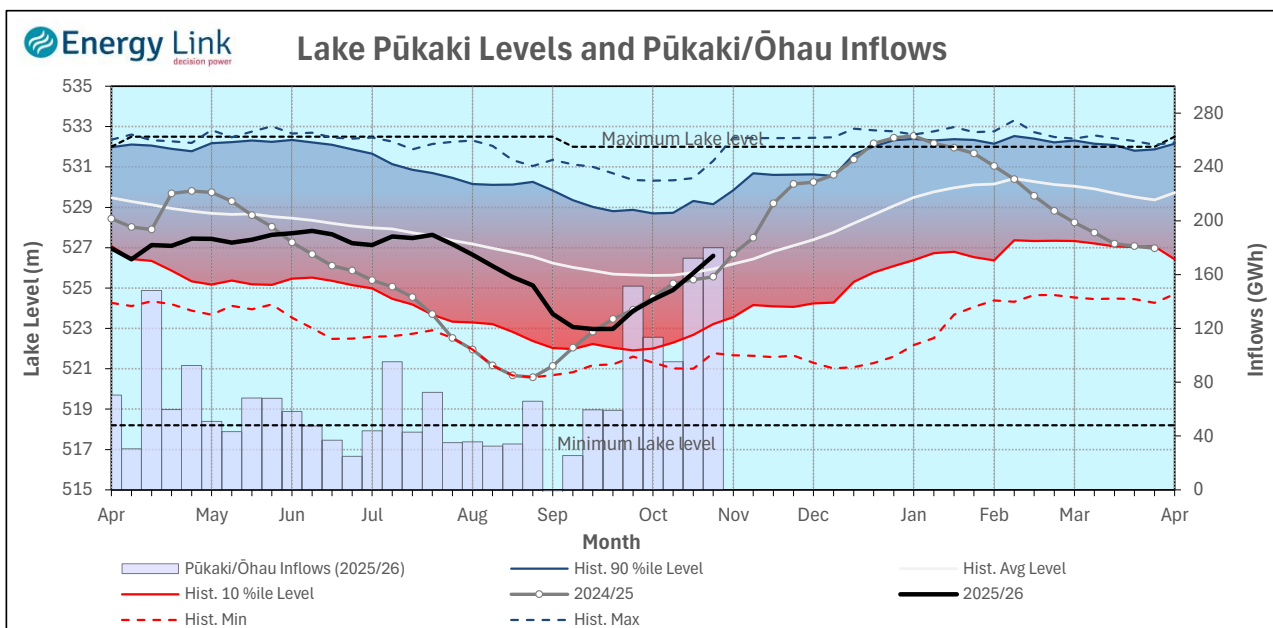
Lake Levels - Lake Takapō ended the week 69% nominally full with storage increasing to 496 GWh.

Inflows - Inflows into Takapō decreased 6.7% to 109 GWh.

Generation - Average Takapō generation increased 16.6% to 65.3 MW.

Hydro Spill - Lake Takapō did not spill.

Waitaki System



Lake Levels - Lake Pūkaki ended the week 59% nominally full with storage increasing to 1,053 GWh.

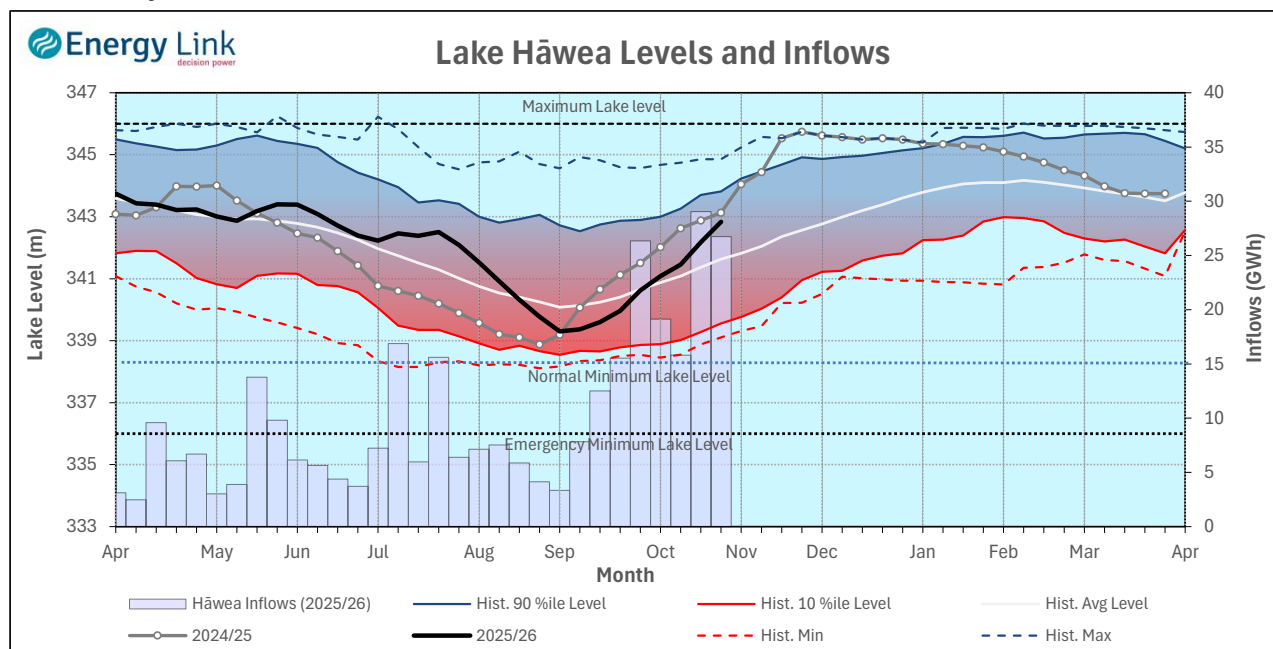
Inflows - Inflows into the Waitaki System increased 4.6% to 180 GWh.

Generation - Average Waitaki generation increased 7% to 749 MW.

Hydro Spill - Lake Pūkaki did not spill.

River Flows - Flows from the Ahuriri River fell to 73.6 cumecs while Waitaki River flows were higher than last week averaging 350.3 cumecs.

Clutha System



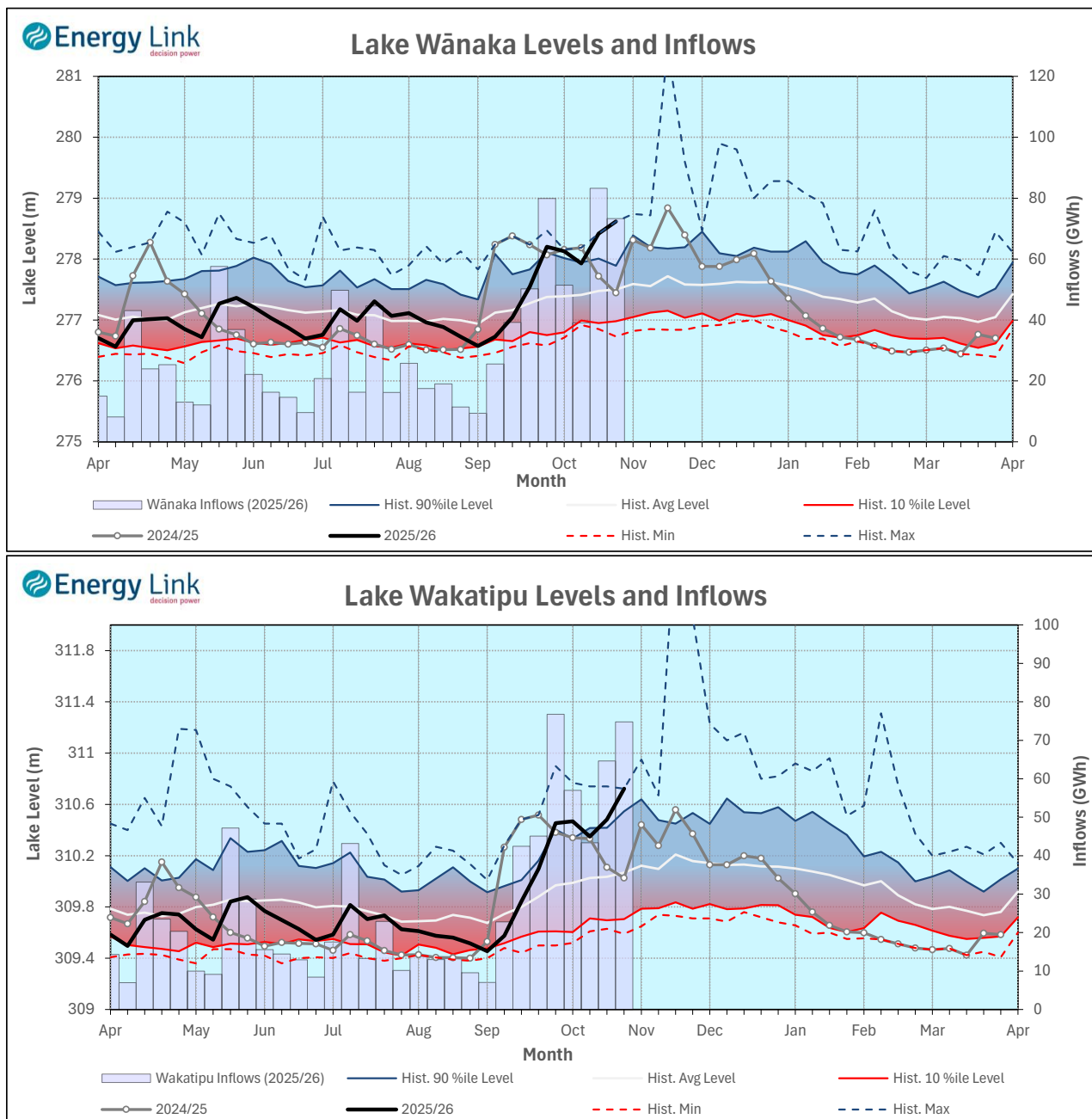
Lake Levels - Total storage for the Clutha System increased by 14.6% to 414 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 59.7%, 110.2% and 105.2% nominally full respectively.

Inflows - Total Inflows into the Clutha System 1.1% lower at 175 GWh.

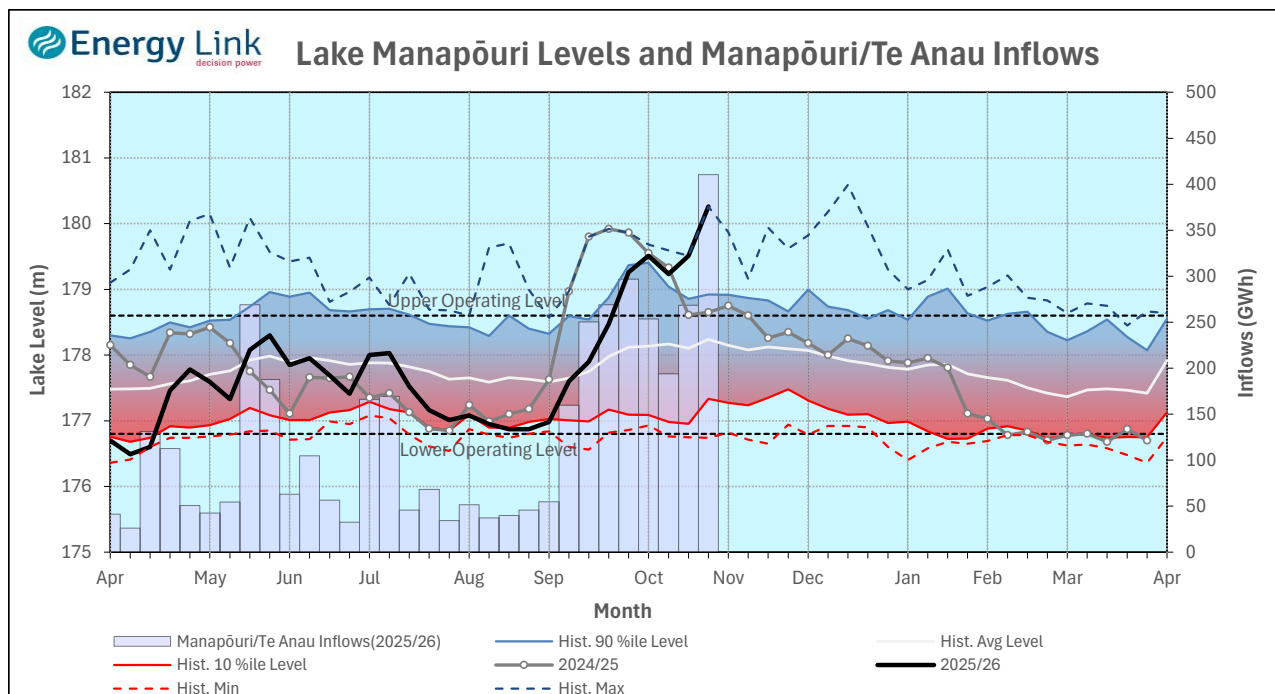
Generation - Average generation was 19.5% lower at 373 MW.

Hydro Spill - Estimate Spill is 487.1 cumecs.

River Flows - Total outflows from the lakes and Shotover River increased to 910.3 cumecs. This comprised of 14 cumecs from Lake Hāwea, 406 cumecs from Lake Wānaka, 364 cumecs from Lake Wakatipu and 126 cumecs from the Shotover River.



Manapōuri System



Lake Levels - Total storage for the Manapōuri System increased by 23.1% to 760 GWh with Lake Manapōuri ending the week 161.8% nominally full and Lake Te Anau ending the week 180.4% nominally full.

Inflows - Total inflows into the Manapōuri System increased 52.9% to 410 GWh.

Generation - Average generation was 4% higher at 727 MW.

Hydro Spill - Estimated spill at the Māraroa Weir was 580.1 cumecs.

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

