

HydroWatch

Thursday, 30 October 2025
Issue: 1489
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)	2,138	1,080	3,218	516	3,734
Storage Change (GWh)	412	83	495	-5	490

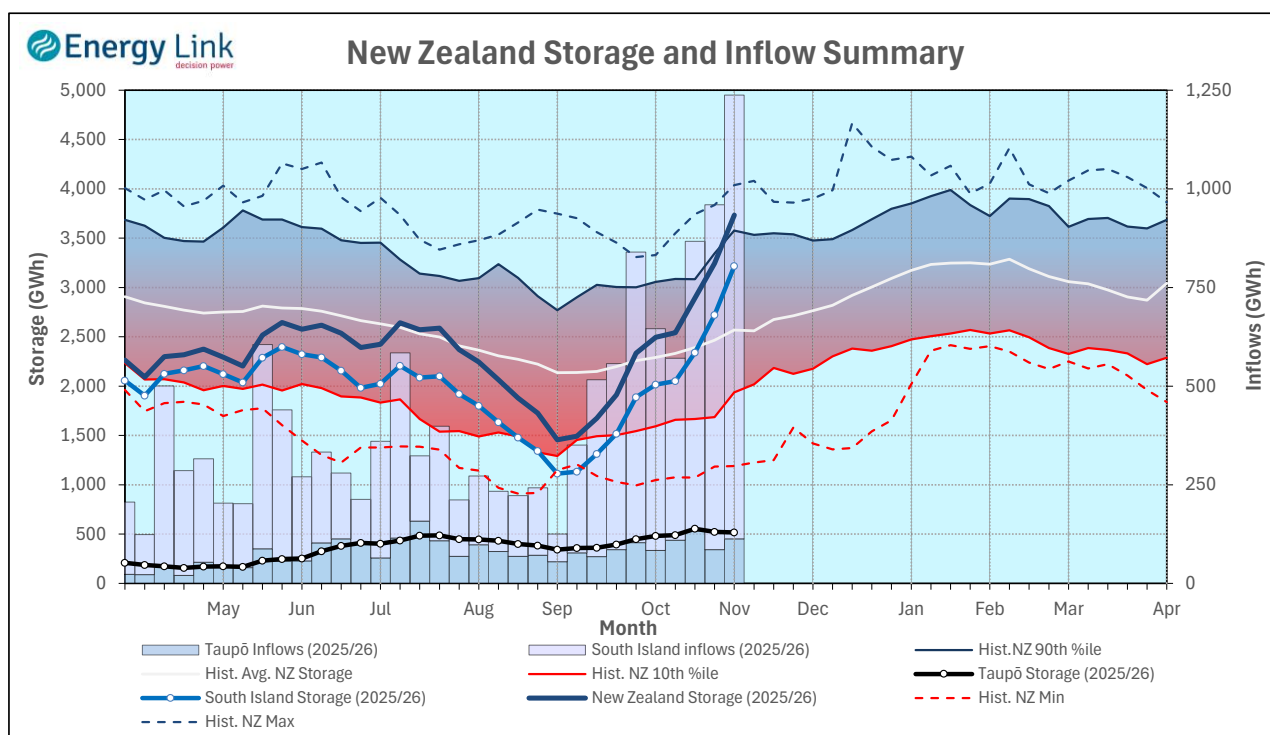
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island	New Zealand
Current Storage (GWh)	2,942	516	3,458

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 490 GWh over the last week. South Island controlled storage increased 23.9% to 2,138 GWh; South Island uncontrolled storage increased 8% to 1,080 GWh; with Taupō storage decreasing 1% to 516 GWh.



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Storage (GWh)	Manapōuri	Clutha	Waitaki	Waikato	NZ
This Week	805	492	1,921	516	3,734
Last Week	760	414	1,549	521	3,244
% Change	5.9%	19.0%	24.0%	-1.0%	15.1%
Inflow (GWh)	Manapōuri	Clutha	Waitaki	Waikato	NZ
This Week	394	256	475	113	1,238
Last Week	410	175	289	86	960
% Change	-3.9%	46.6%	64.3%	31.4%	29.0%

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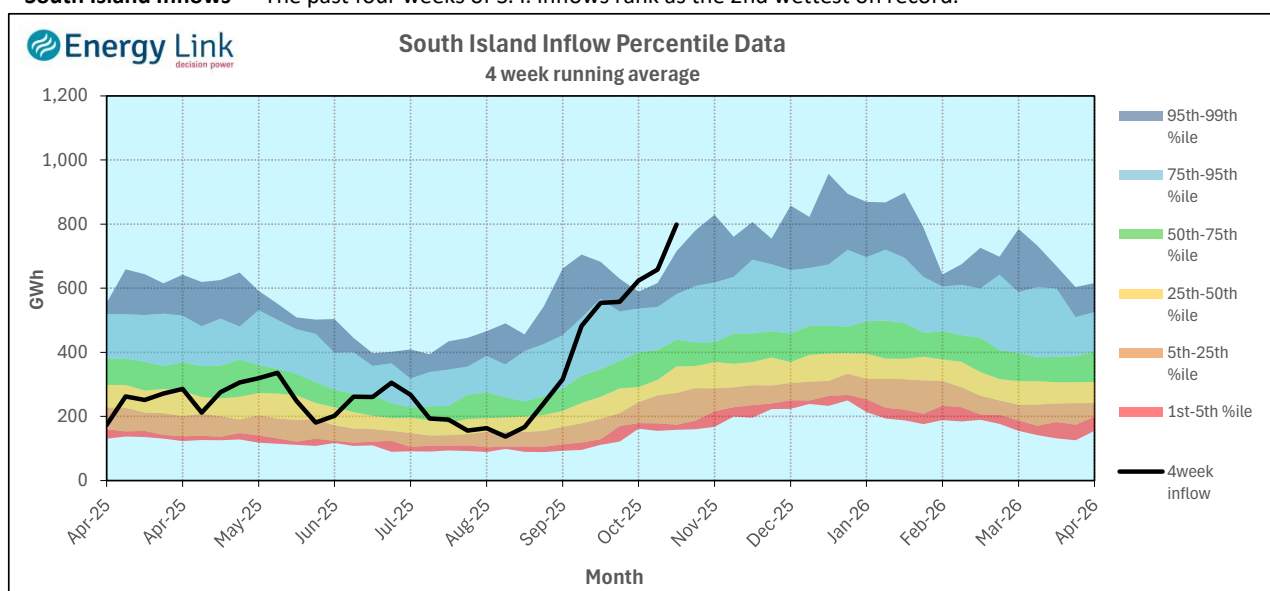
Lake Levels and Outflows

Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumeecs)	Outflow Change
Manapōuri	Manapōuri	180.46	275	904	323
	Te Anau	204.40	530		
Clutha	Wakatipu	311.03	135	528	164
	Wānaka	278.91	141	598	192
	Hāwea	343.92	217	14	0
Waitaki	Takapō	708.70	659		
	Pūkaki	528.18	1,261		
Waikato	Taupō	357.12	516		

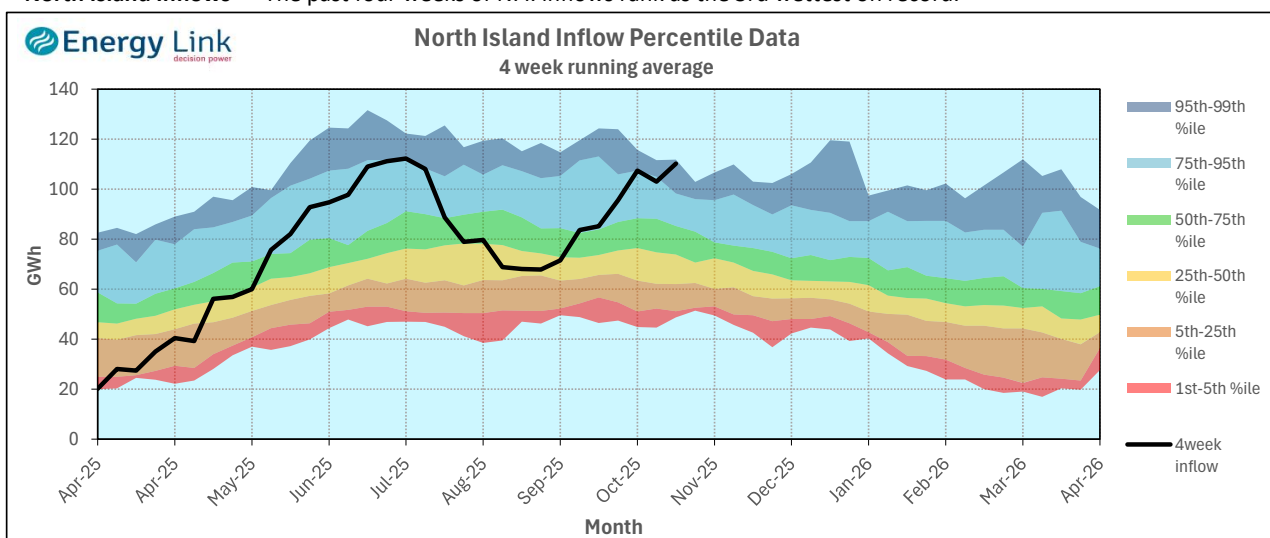
Inflow Summary

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.

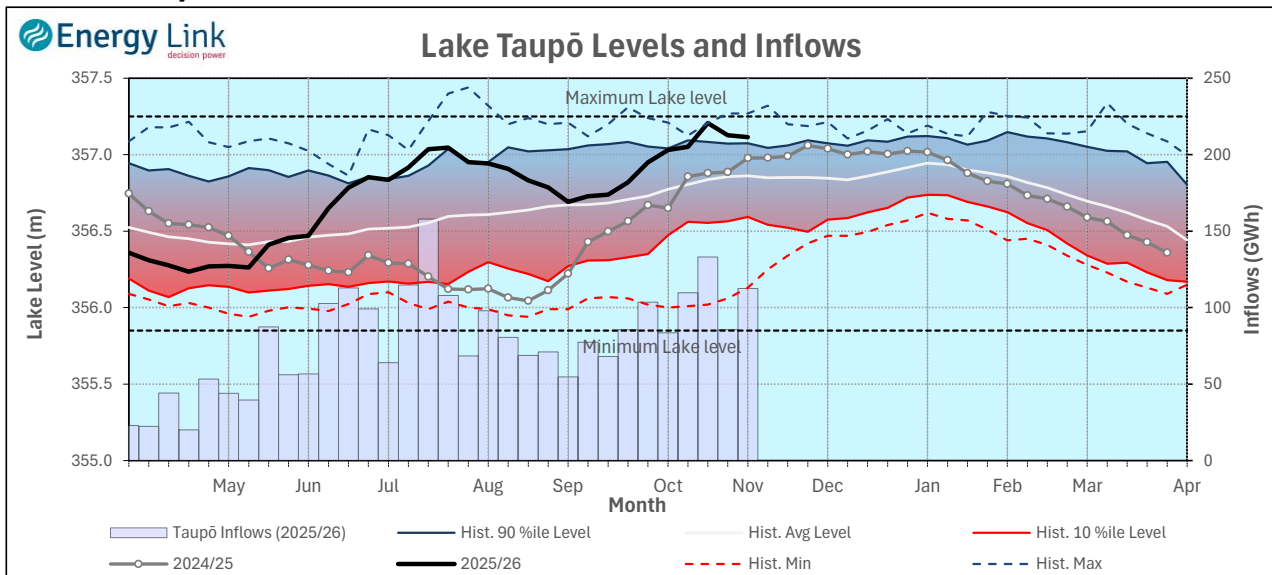
South Island Inflows - The past four weeks of S. I. inflows rank as the 2nd wettest on record.



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



Waikato System

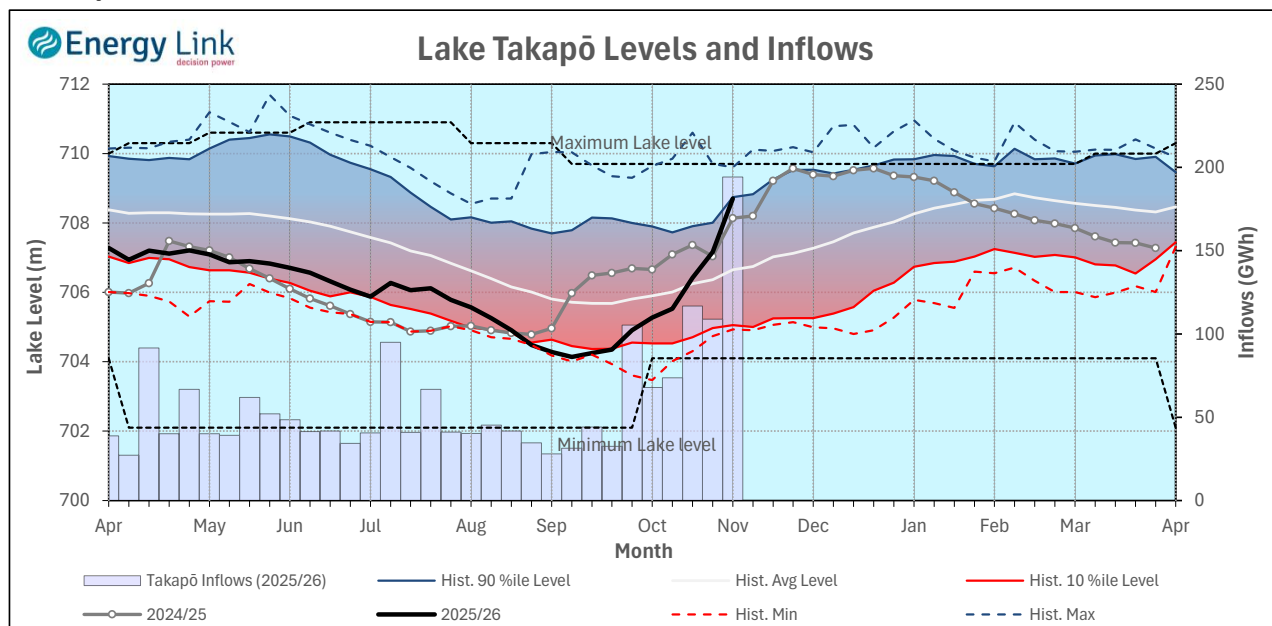


Lake Levels - Lake Taupō storage fell to 90.4% of nominal full at 516 GWh.

Inflows - Inflows increased 31.4% to 113 GWh.

Generation - Average generation decreased 25.9% to 331.9 MW.

Takapō



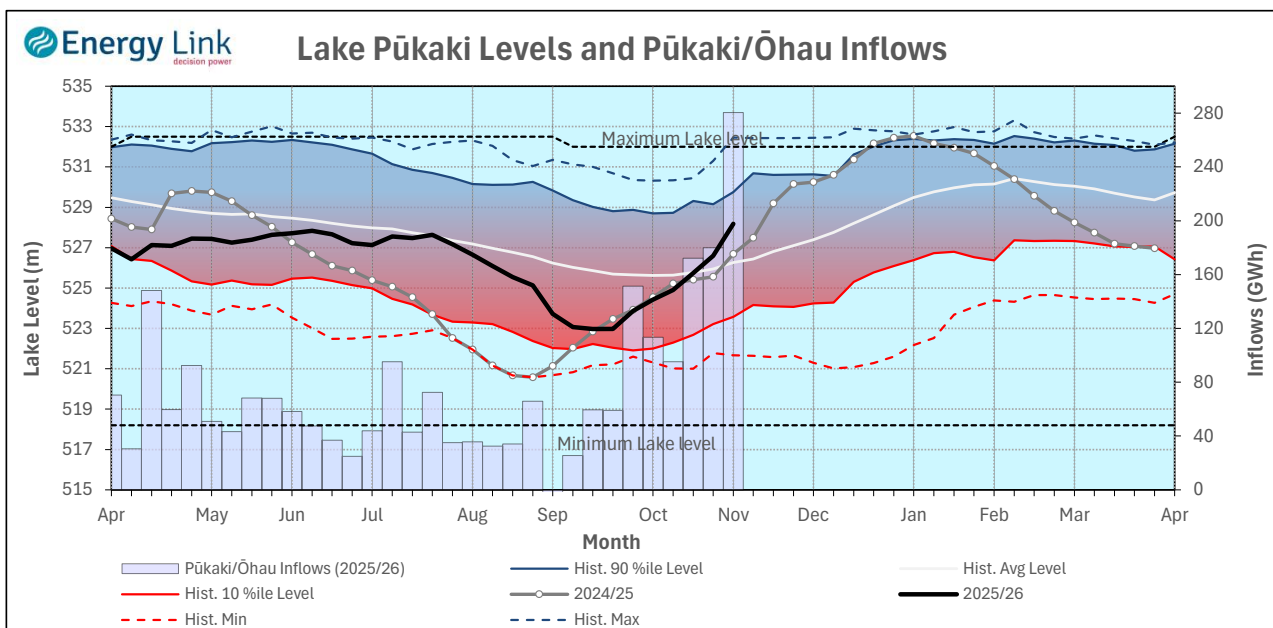
Lake Levels - Lake Takapō ended the week 91% nominally full with storage increasing to 659 GWh.

Inflows - Inflows into Takapō increased 78.4% to 194 GWh.

Generation - Average Takapō generation increased 2% to 66.6 MW.

Hydro Spill - Lake Takapō did not spill.

Waitaki System



Lake Levels - Lake Pūkaki ended the week 71% nominally full with storage increasing to 1,261 GWh.

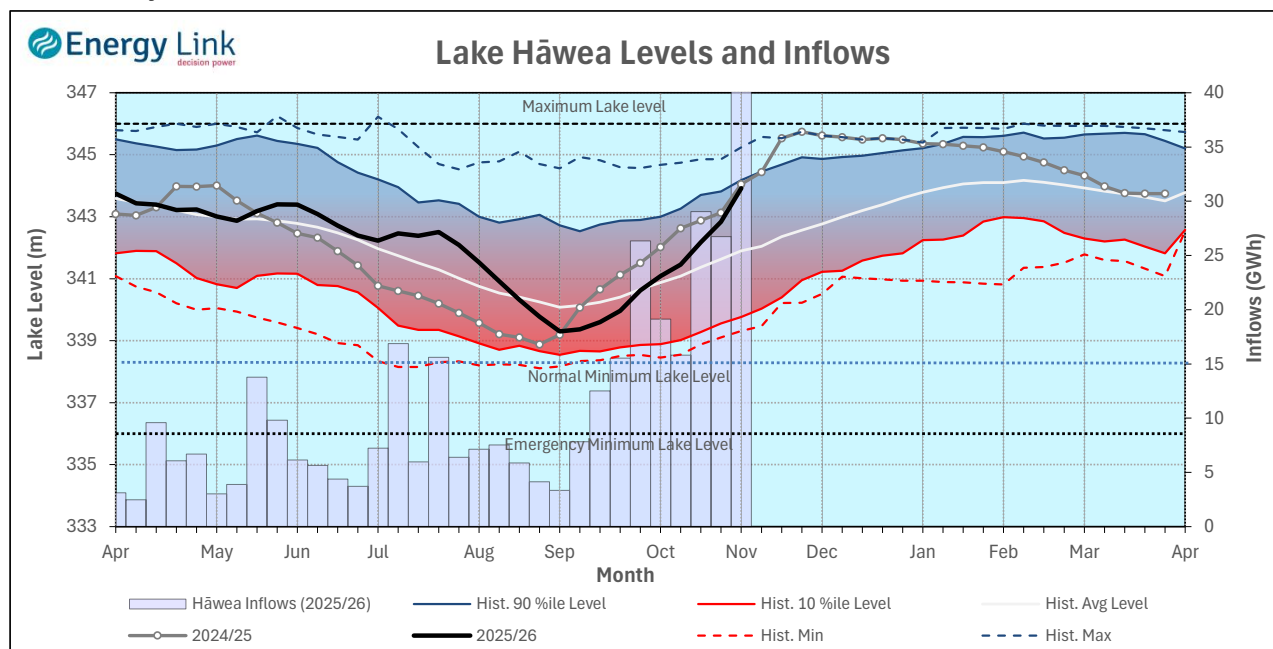
Inflows - Inflows into the Waitaki System increased 55.8% to 280 GWh.

Generation - Average Waitaki generation increased 27% to 952 MW.

Hydro Spill - Lake Pūkaki did not spill.

River Flows - Flows from the Ahuriri River increased to 137.1 cumecs while Waitaki River flows were higher than last week averaging 490 cumecs.

Clutha System



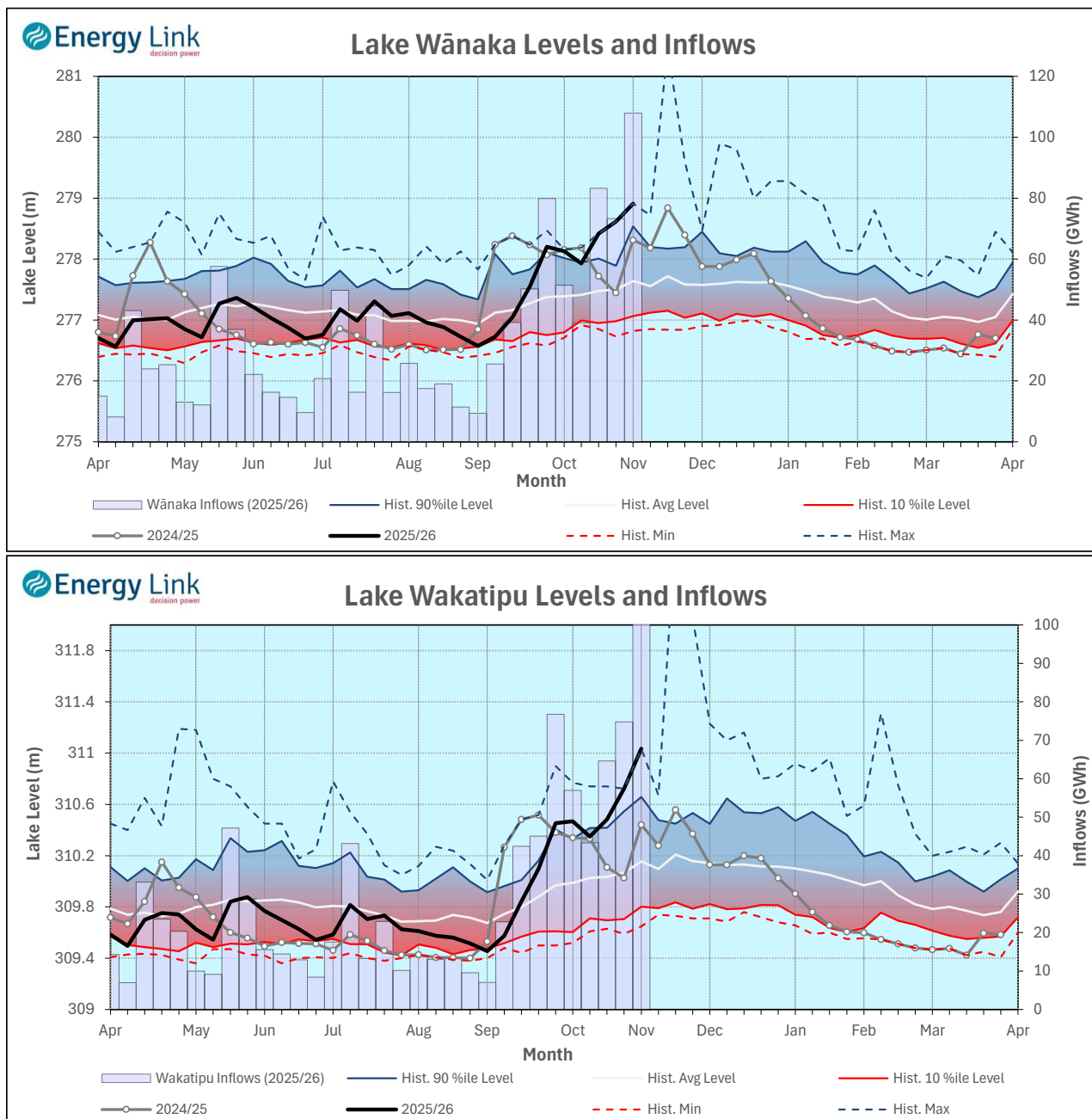
Lake Levels - Total storage for the Clutha System increased by 19% to 492 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 73.4%, 123% and 127.5% nominally full respectively.

Inflows - Total Inflows into the Clutha System 46.6% higher at 256 GWh.

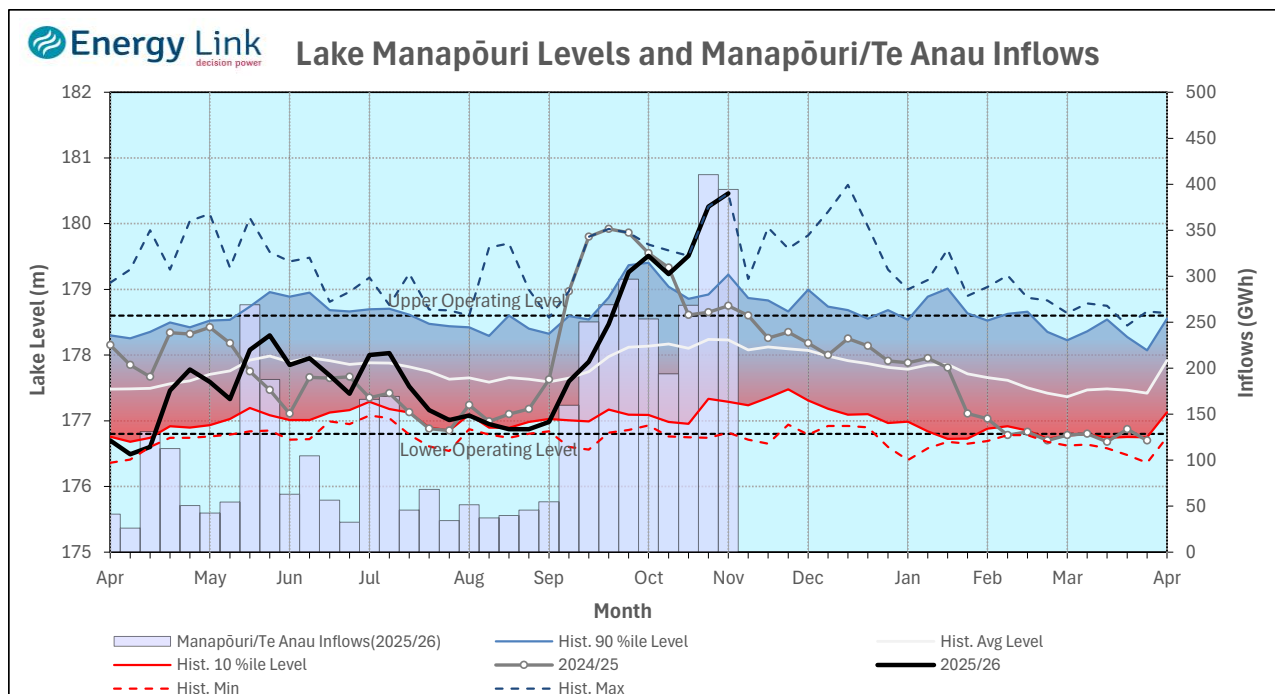
Generation - Average generation was 12.2% lower at 328 MW.

Hydro Spill - Estimate Spill is 935.9 cumecs.

River Flows - Total outflows from the lakes and Shotover River increased to 1313.5 cumecs. This comprised of 14 cumecs from Lake Hāwea, 598 cumecs from Lake Wānaka, 528 cumecs from Lake Wakatipu and 174 cumecs from the Shotover River.



Manapōuri System



Lake Levels - Total storage for the Manapōuri System increased by 5.9% to 805 GWh with Lake Manapōuri ending the week 169.3% nominally full and Lake Te Anau ending the week 192.4% nominally full.

Inflows - Total inflows into the Manapōuri System decreased 3.9% to 394 GWh.

Generation - Average generation was 1.3% lower at 717 MW.

Hydro Spill - Estimated spill at the Māraroa Weir was 903.6 cumecs.

Operating Range - #N/A

