

HydroWatch

Thursday, 27 November 2025
Issue: 1493
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)	2,708	707	3,414	508	3,922
Storage Change (GWh)	168	-35	133	-7	126

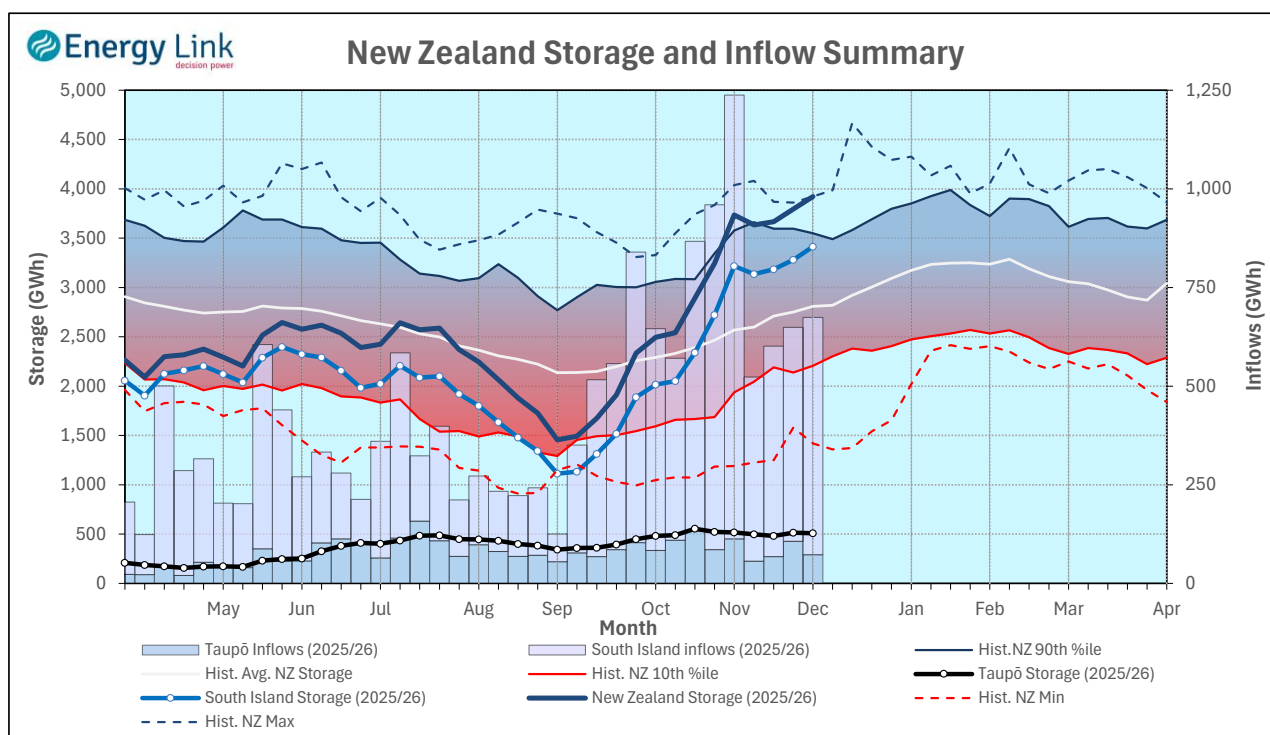
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island	New Zealand
Current Storage (GWh)	3,220	508	3,728

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 126 GWh over the last week. South Island controlled storage increased 6.6% to 2,708 GWh; South Island uncontrolled storage decreased 5% to 707 GWh; with Taupō storage decreasing 1.4% to 508 GWh.



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Storage (GWh)	Manapōuri	Clutha	Waitaki	Waikato	NZ
This Week	513	463	2,438	508	3,922
Last Week	536	469	2,277	515	3,796
% Change	-4.2%	-1.2%	7.1%	-1.4%	3.3%
Inflow (GWh)	Manapōuri	Clutha	Waitaki	Waikato	NZ
This Week	189	116	297	73	674
Last Week	157	121	264	107	649
% Change	19.9%	-4.1%	12.3%	-31.6%	3.9%

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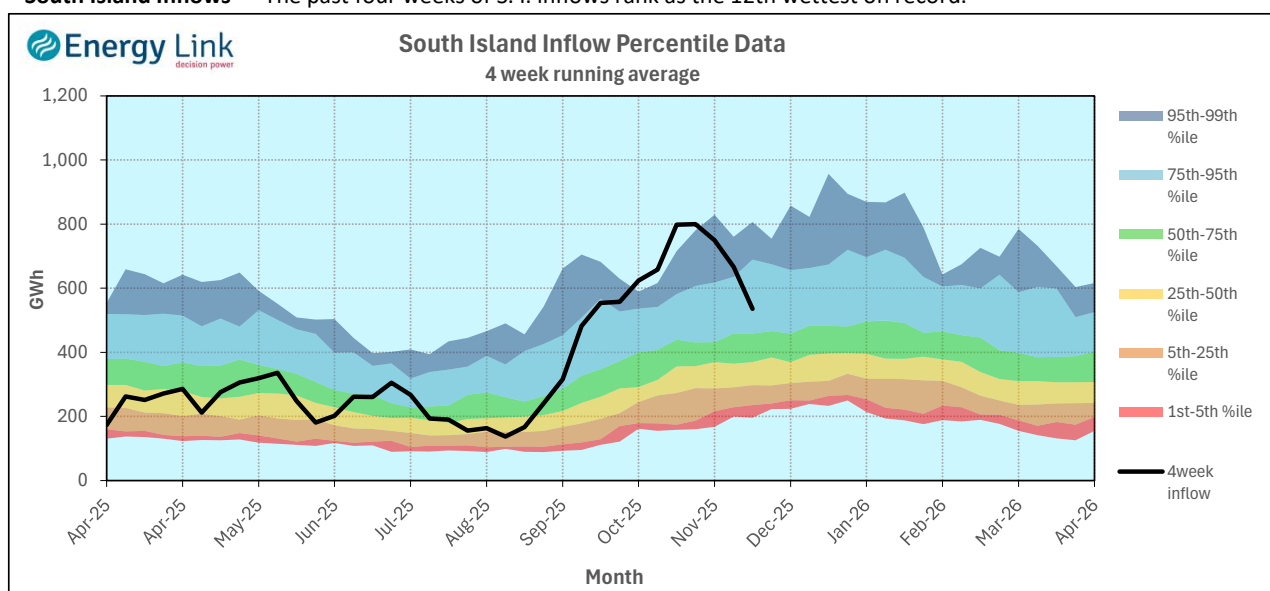
Lake Levels and Outflows

Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumecs)	Outflow Change
Manapōuri	Manapōuri	178.68	167	364	-13
	Te Anau	203.17	346		
Clutha	Wakatipu	310.43	89	345	-4
	Wānaka	278.18	104	367	
	Hāwea	345.31	269	65	
Waitaki	Takapō	709.85	784		-5
	Pūkaki	531.09	1,654		
Waikato	Taupō	357.10	508		49

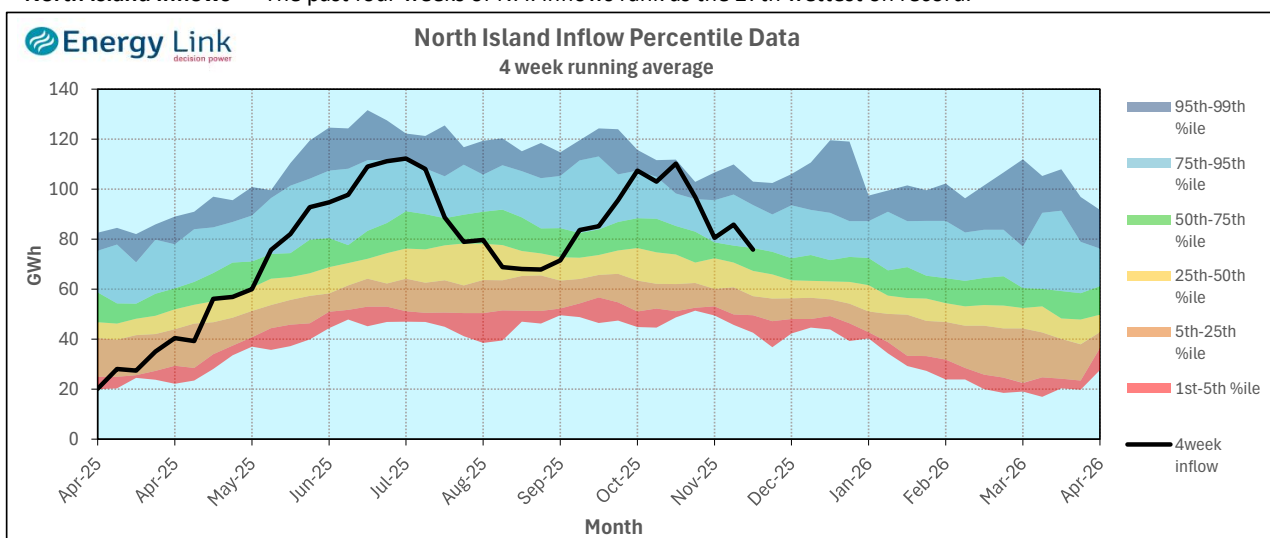
Inflow Summary

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.

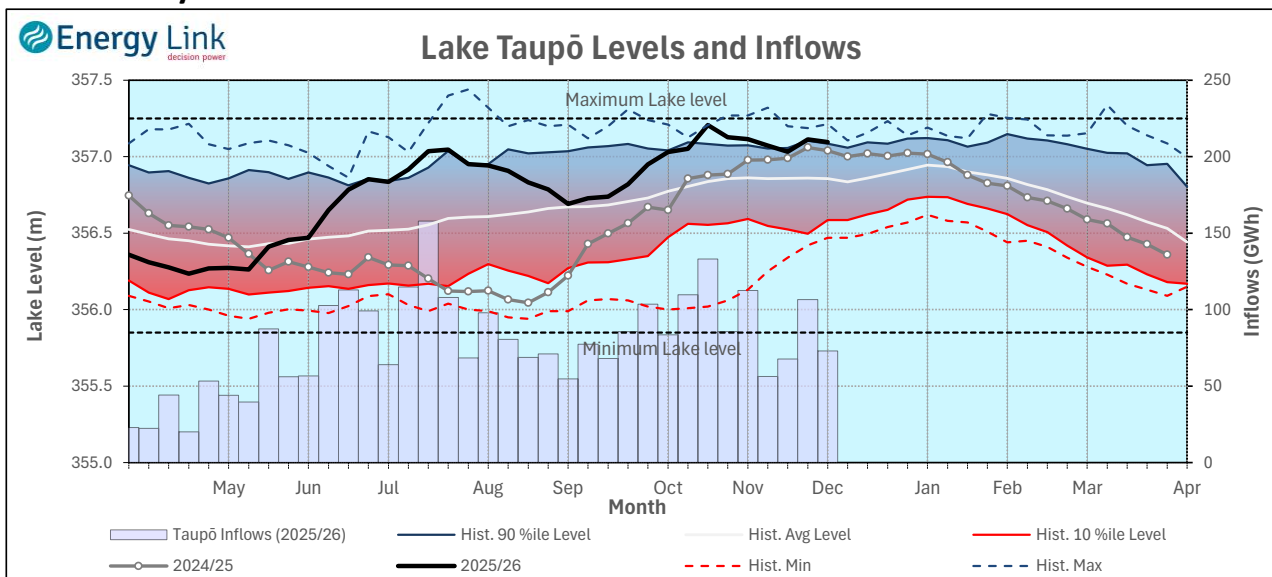
South Island Inflows - The past four weeks of S. I. inflows rank as the 12th wettest on record.



North Island Inflows - The past four weeks of N. I. inflows rank as the 27th wettest on record.



Waikato System

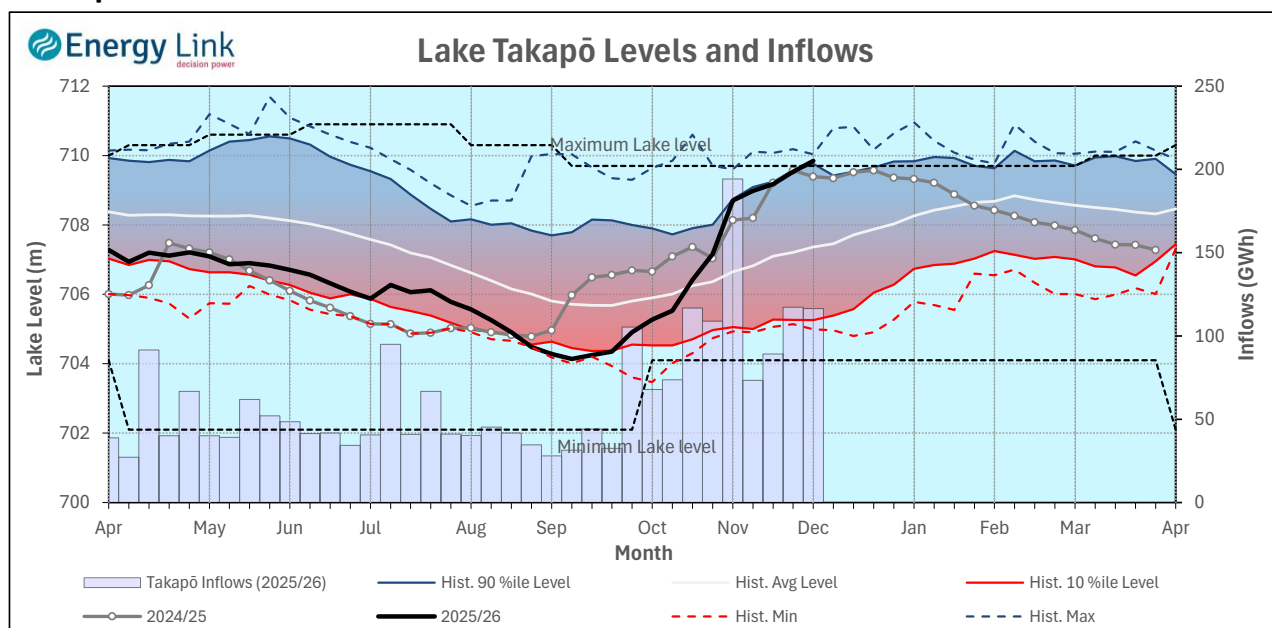


Lake Levels - Lake Taupō storage fell to 88.9% of nominal full at 508 GWh.

Inflows - Inflows decreased 31.6% to 73 GWh.

Generation - Average generation increased 8.8% to 540.4 MW.

Takapō



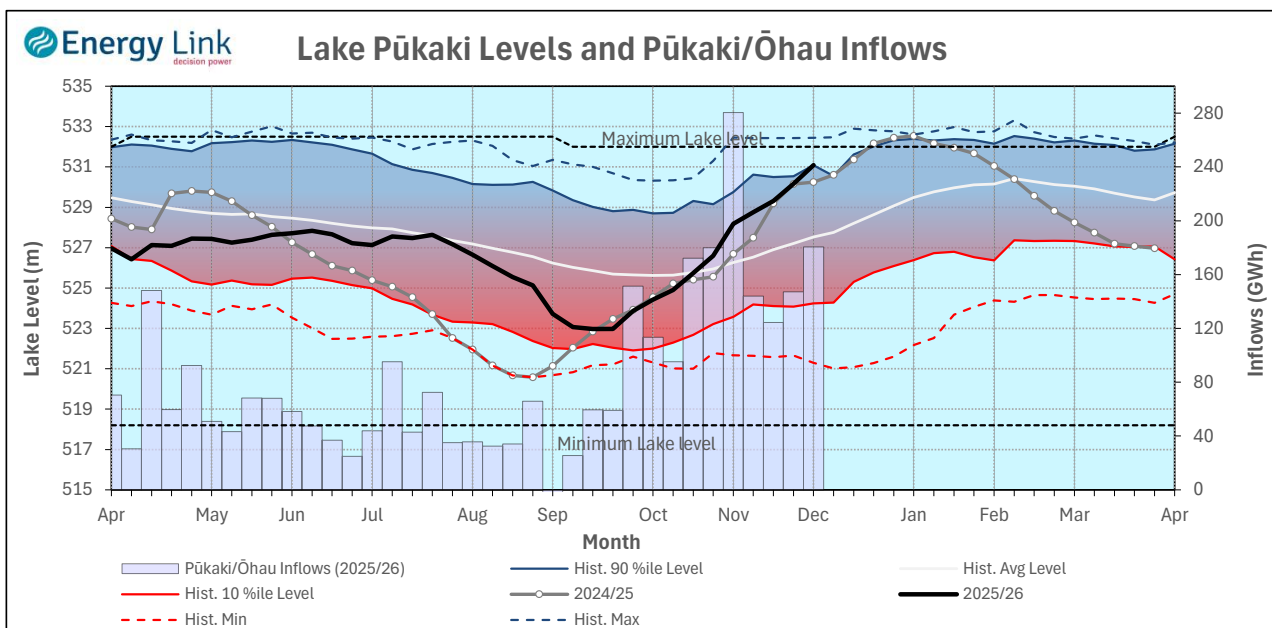
Lake Levels - Lake Takapō ended the week 108% nominally full with storage increasing to 784 GWh.

Inflows - Inflows into Takapō decreased 0.7% to 116 GWh.

Generation - Average Takapō generation increased 2.5% to 172 MW.

Hydro Spill - Lake Takapō did not spill.

Waitaki System



Lake Levels - Lake Pūkaki ended the week 93% nominally full with storage increasing to 1,654 GWh.

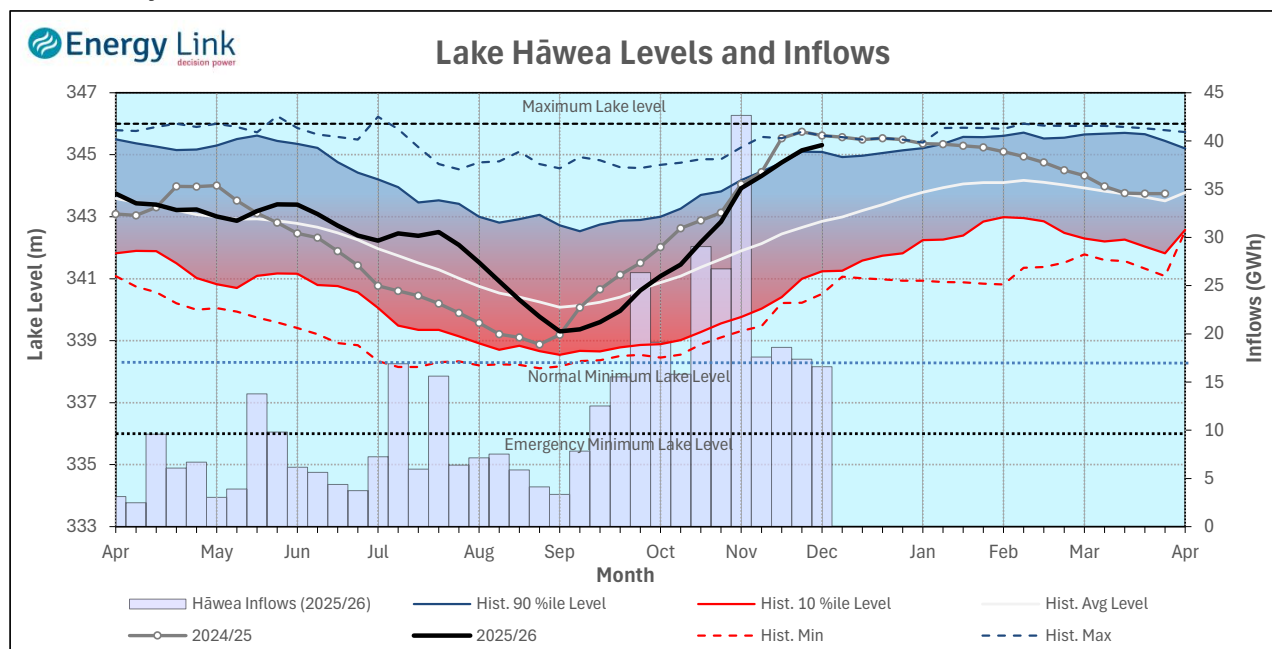
Inflows - Inflows into the Waitaki System increased 22.6% to 181 GWh.

Generation - Average Waitaki generation increased 15.3% to 795 MW.

Hydro Spill - Lake Pūkaki did not spill.

River Flows - Flows from the Ahuriri River increased to 40.9 cumecs while Waitaki River flows were higher than last week averaging 357.5 cumecs.

Clutha System



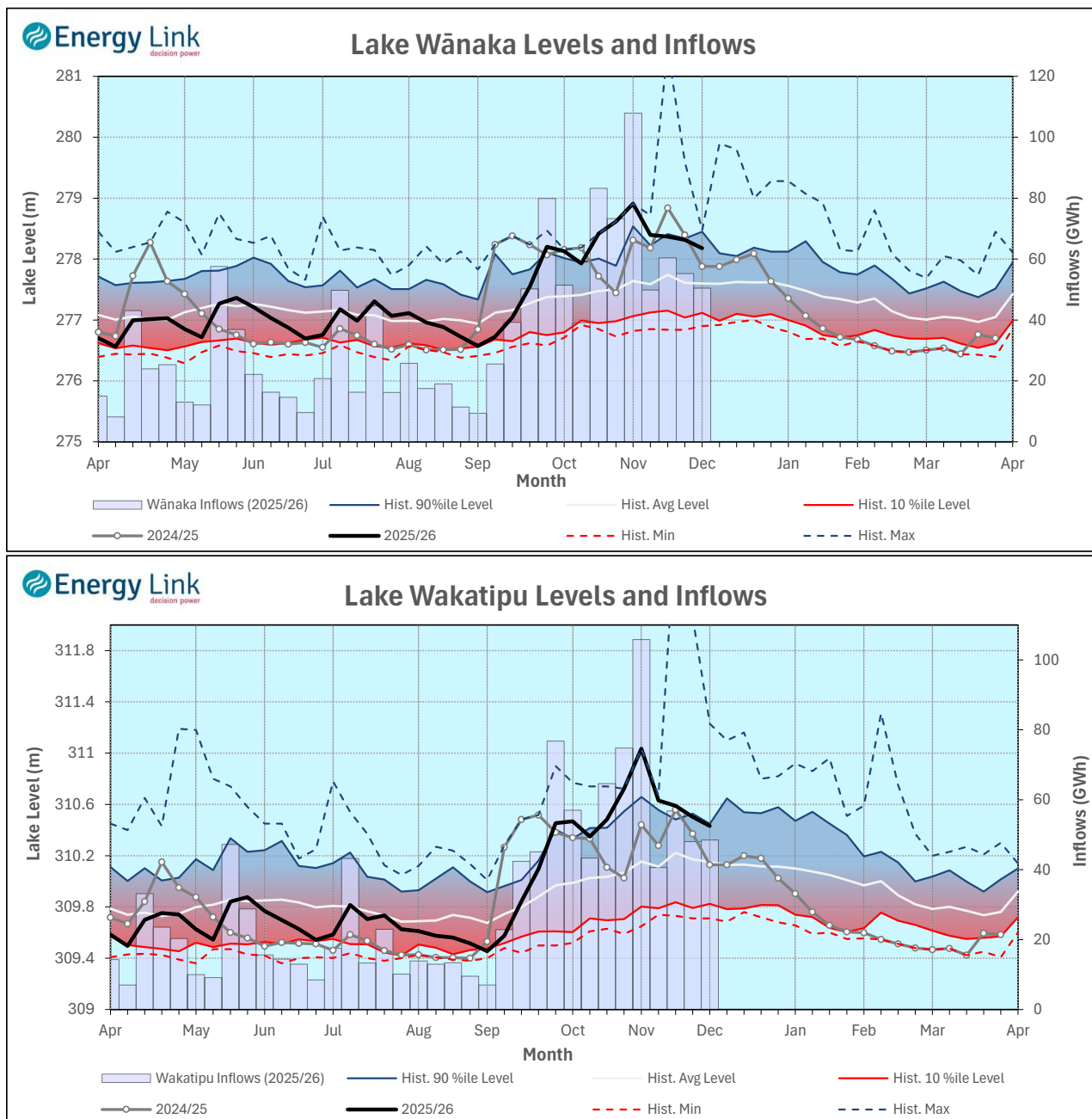
Lake Levels - Total storage for the Clutha System decreased 1.2% to 463 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 91.2%, 91.3% and 84.4% nominally full respectively.

Inflows - Total Inflows into the Clutha System 4.1% lower at 116 GWh.

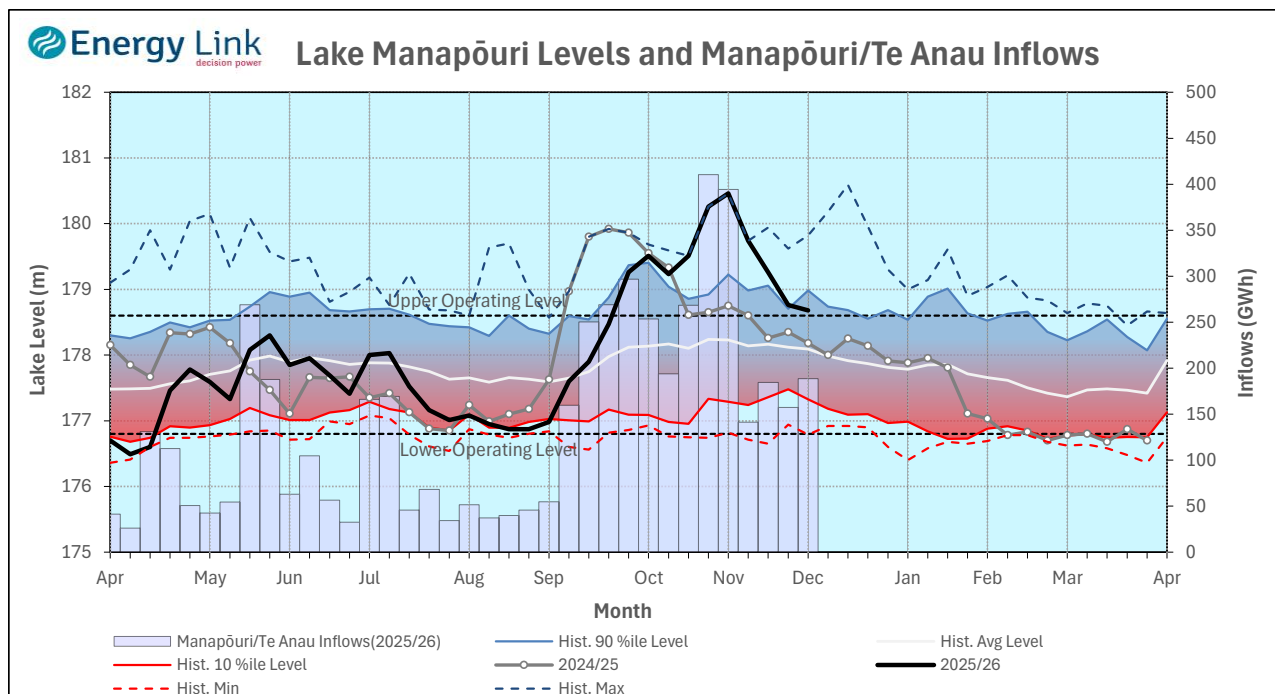
Generation - Average generation was 8.8% higher at 664 MW.

Hydro Spill - Estimate Spill is 164.3 cumecs.

River Flows - Total outflows from the lakes and Shotover River increased to 878.4 cumecs. This comprised of 65 cumecs from Lake Hāwea, 367 cumecs from Lake Wānaka, 345 cumecs from Lake Wakatipu and 101 cumecs from the Shotover River.



Manapōuri System



Lake Levels - Total storage for the Manapōuri System decreased 4.2% to 513 GWh with Lake Manapōuri ending the week 103% nominally full and Lake Te Anau ending the week 125.5% nominally full.

Inflows - Total inflows into the Manapōuri System increased 19.9% to 189 GWh.

Generation - Average generation was 2.2% lower at 726 MW.

Hydro Spill - Estimated spill at the Māraroa Weir was 363.8 cumecs.

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

