

HydroWatch

Thursday, 20 November 2025
Issue: 1492
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)	2,540	741	3,281	515	3,796
Storage Change (GWh)	166	-69	97	33	130

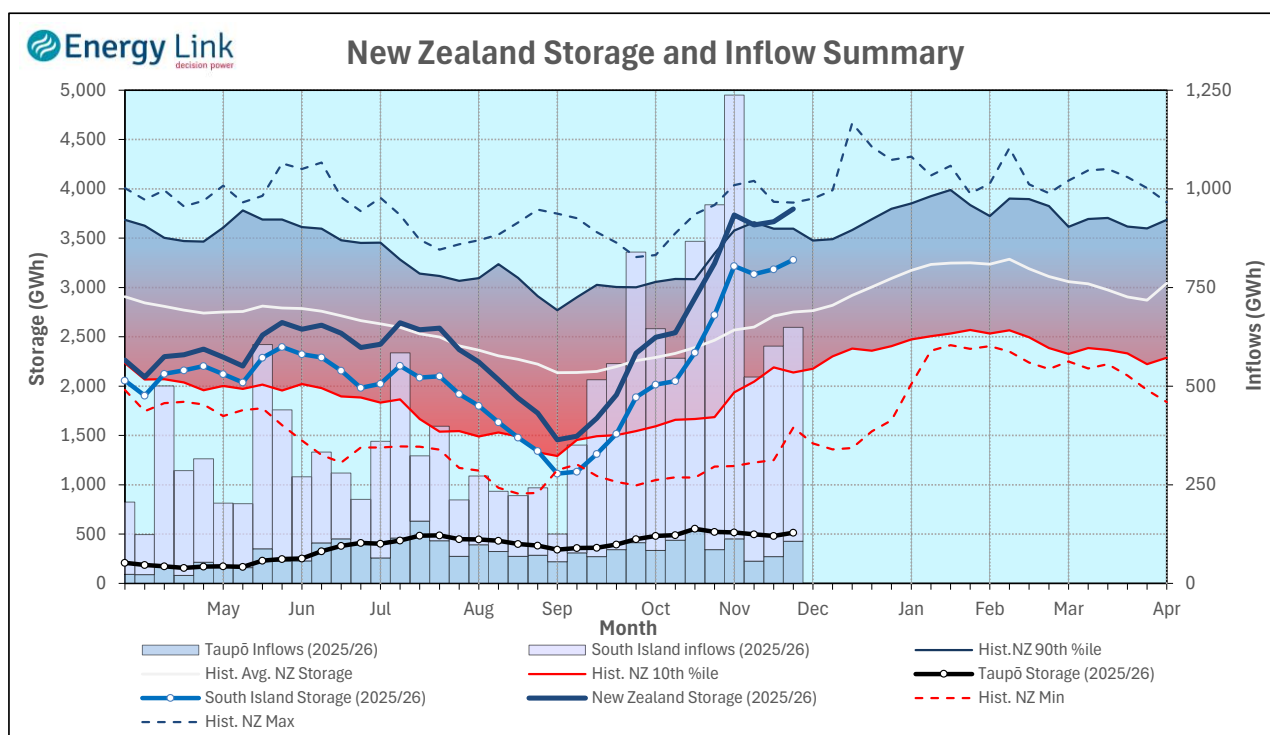
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island	New Zealand
Current Storage (GWh)	3,075	515	3,590

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 130 GWh over the last week. South Island controlled storage increased 7% to 2,540 GWh; South Island uncontrolled storage decreased 9% to 741 GWh; with Taupō storage increasing 6.8% to 515 GWh.



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Storage (GWh)	Manapōuri	Clutha	Waitaki	Waikato	NZ
This Week	536	469	2,277	515	3,796
Last Week	596	463	2,125	483	3,666
% Change	-10.1%	1.2%	7.1%	6.8%	3.5%
Inflow (GWh)	Manapōuri	Clutha	Waitaki	Waikato	NZ
This Week	157	121	264	107	649
Last Week	184	136	214	68	602
% Change	-14.7%	-11.2%	23.8%	57.5%	7.9%

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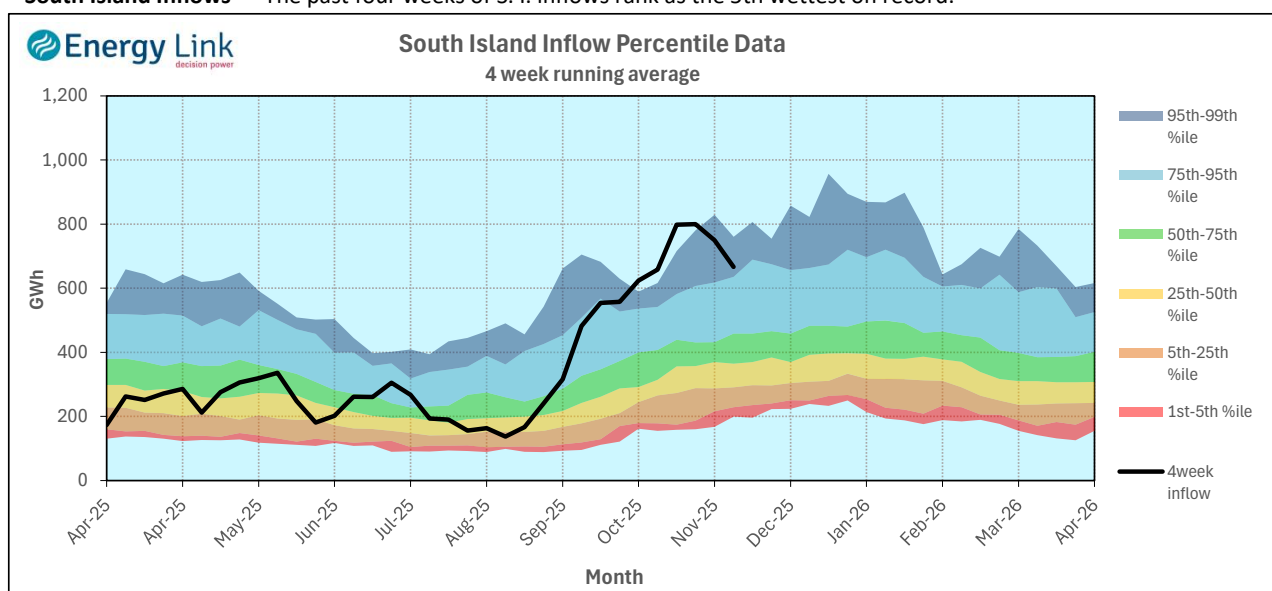
Lake Levels and Outflows

Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumecs)	Outflow Change
Manapōuri	Manapōuri	178.76	172	377	-107
	Te Anau	203.29	364		
Clutha	Wakatipu	310.50	95	350	-35
	Wānaka	278.32	111	372	
	Hāwea	345.14	263	16	
Waitaki	Takapō	709.53	750		-24
	Pūkaki	530.16	1,527		
Waikato	Taupō	357.11	515		1

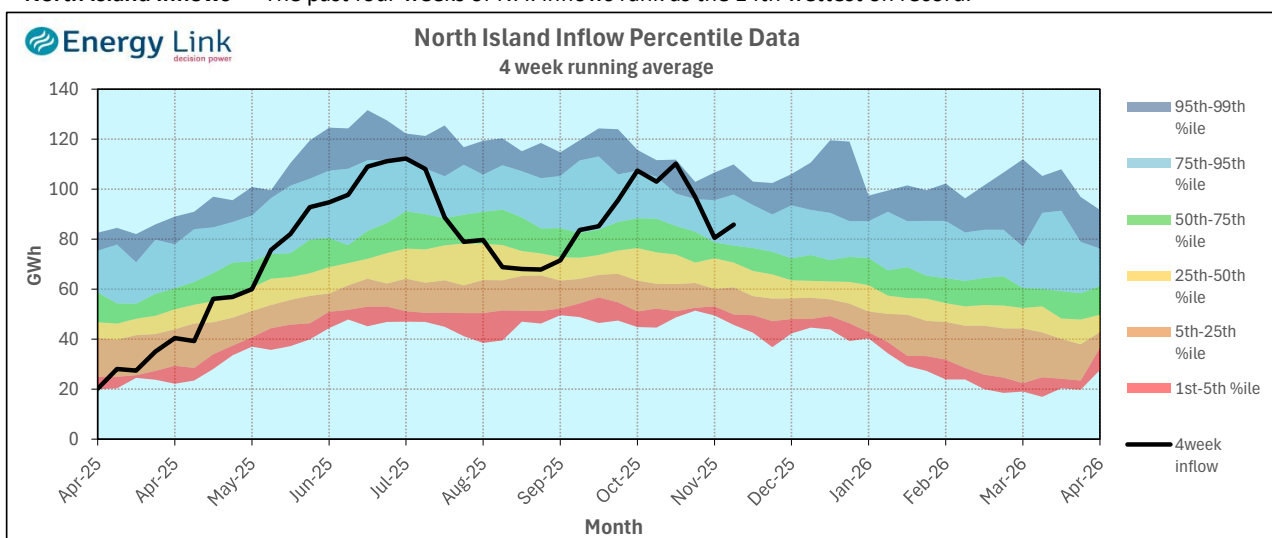
Inflow Summary

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.

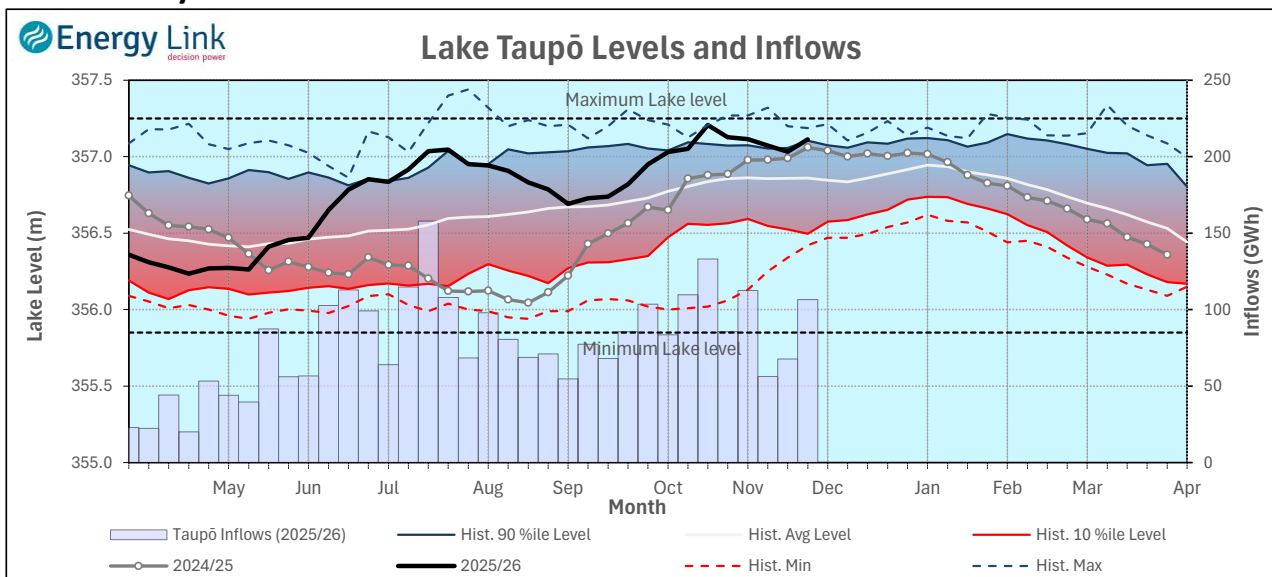
South Island Inflows - The past four weeks of S. I. inflows rank as the 5th wettest on record.



North Island Inflows - The past four weeks of N. I. inflows rank as the 14th wettest on record.



Waikato System

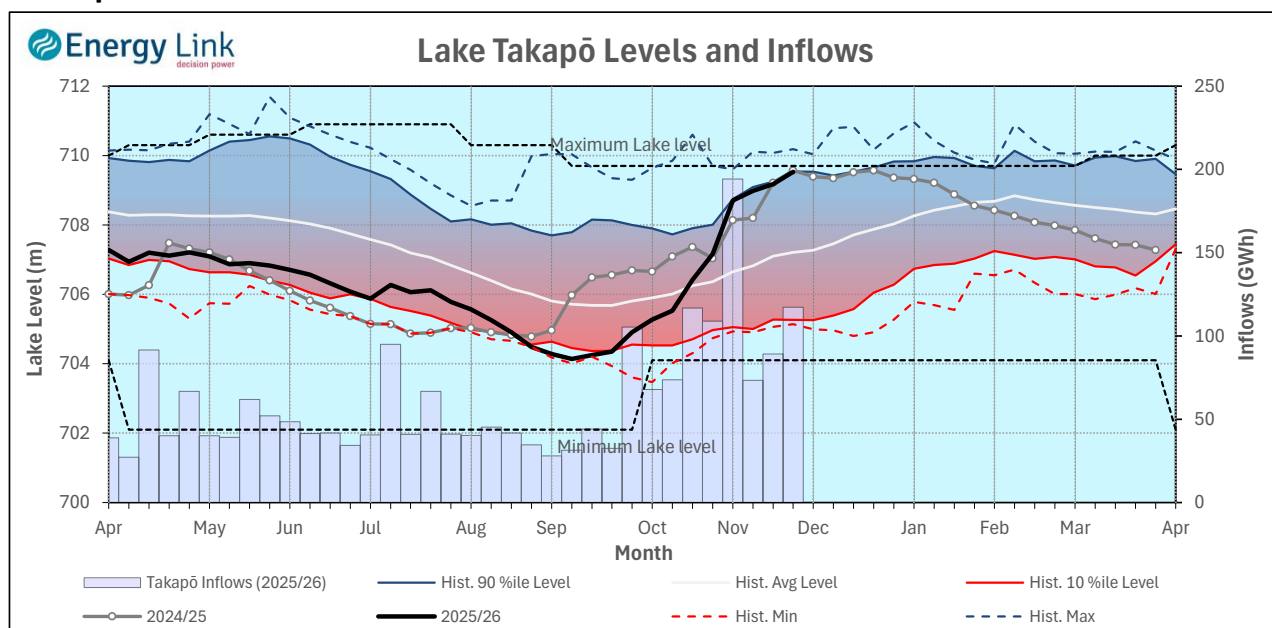


Lake Levels - Lake Taupō storage increased to 90.2% of nominal full at 515 GWh.

Inflows - Inflows increased 57.5% to 107 GWh.

Generation - Average generation decreased 5.9% to 496.5 MW.

Takapō



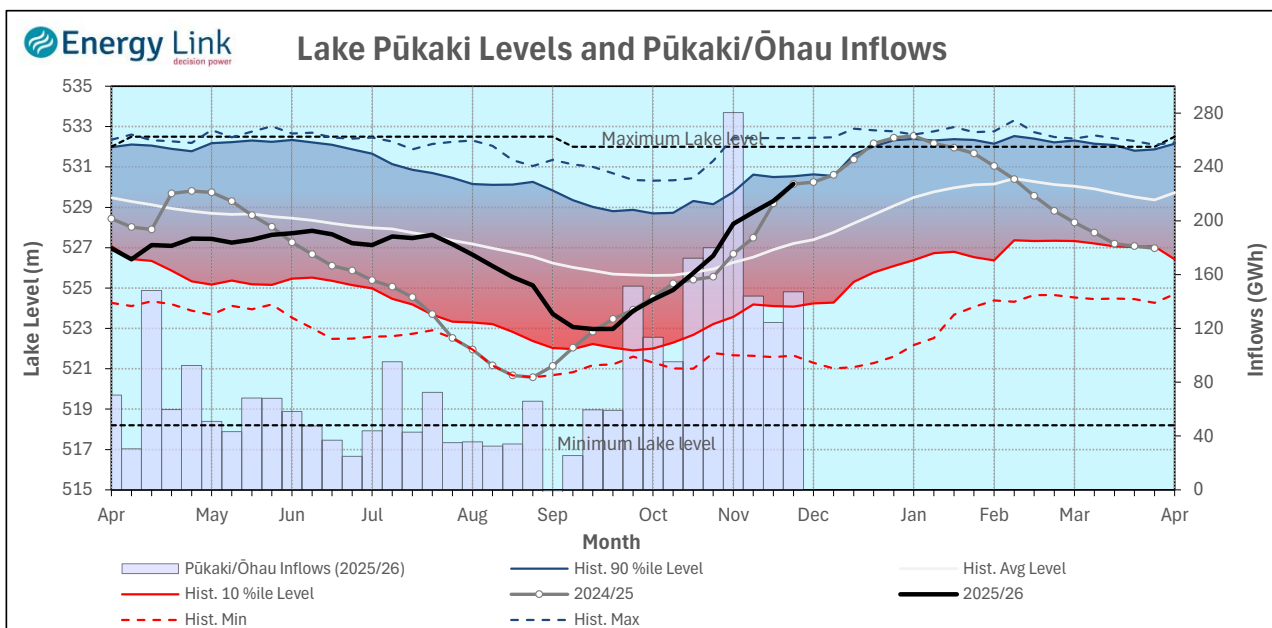
Lake Levels - Lake Takapō ended the week 104% nominally full with storage increasing to 750 GWh.

Inflows - Inflows into Takapō increased 31.6% to 117 GWh.

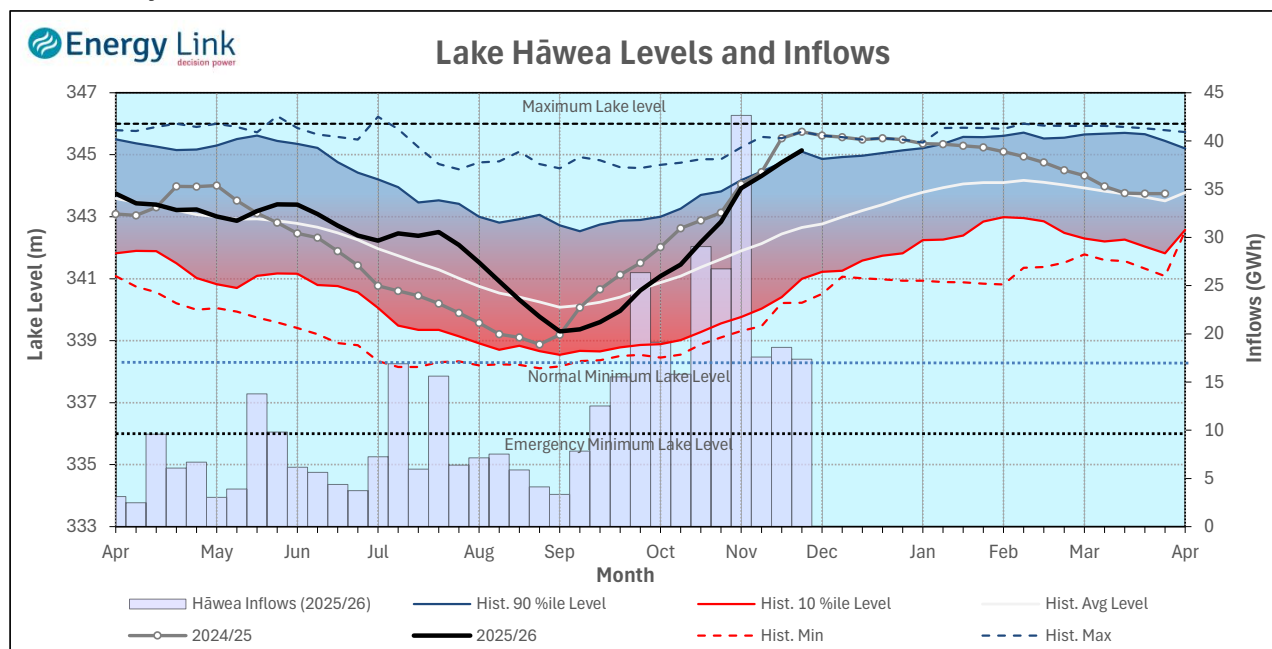
Generation - Average Takapō generation increased 15.3% to 167.9 MW.

Hydro Spill - Lake Takapō did not spill.

Waitaki System



Clutha System



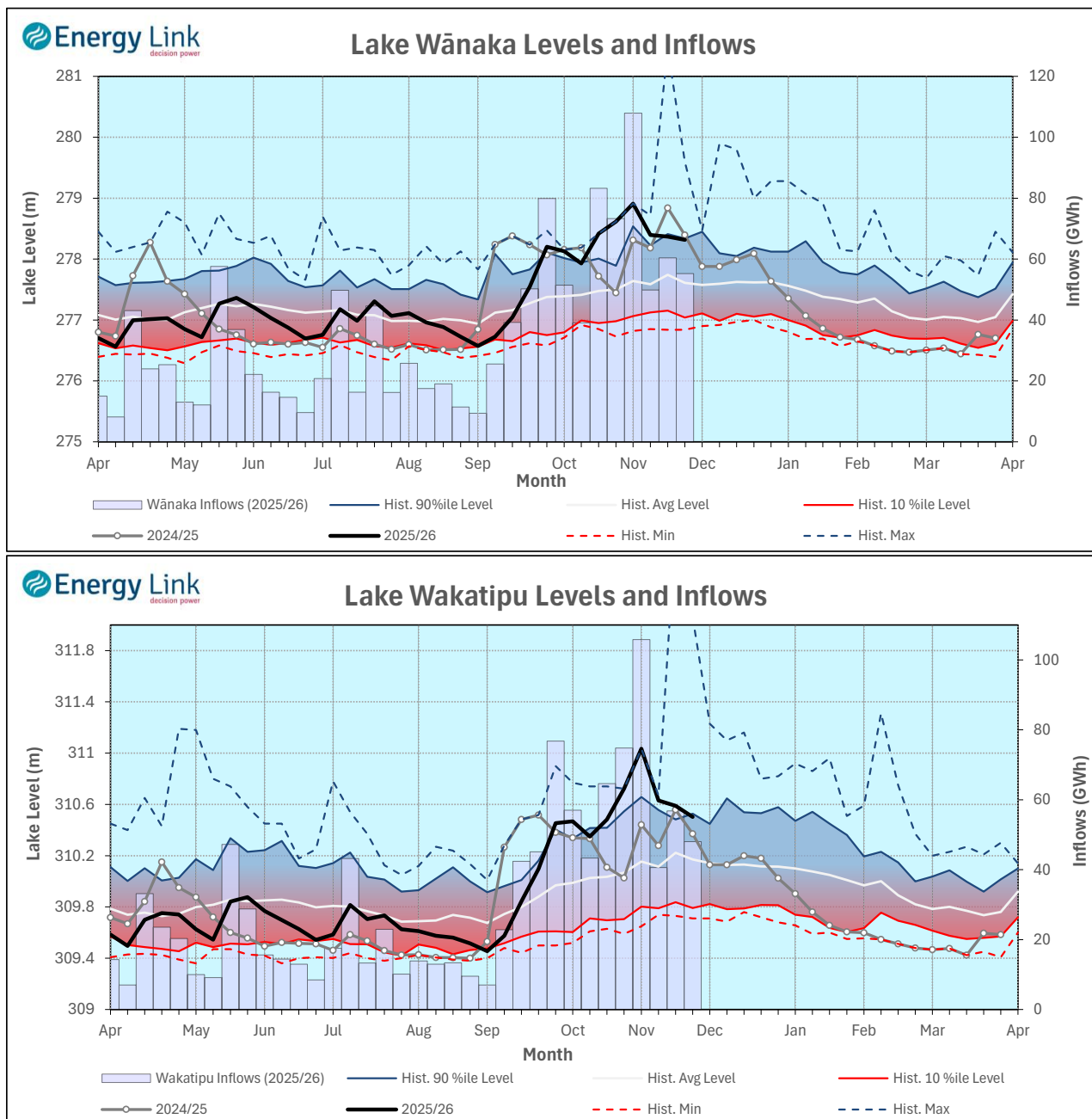
Lake Levels - Total storage for the Clutha System increased by 1.2% to 469 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 89%, 97.1% and 89.5% nominally full respectively.

Inflows - Total Inflows into the Clutha System 11.2% lower at 121 GWh.

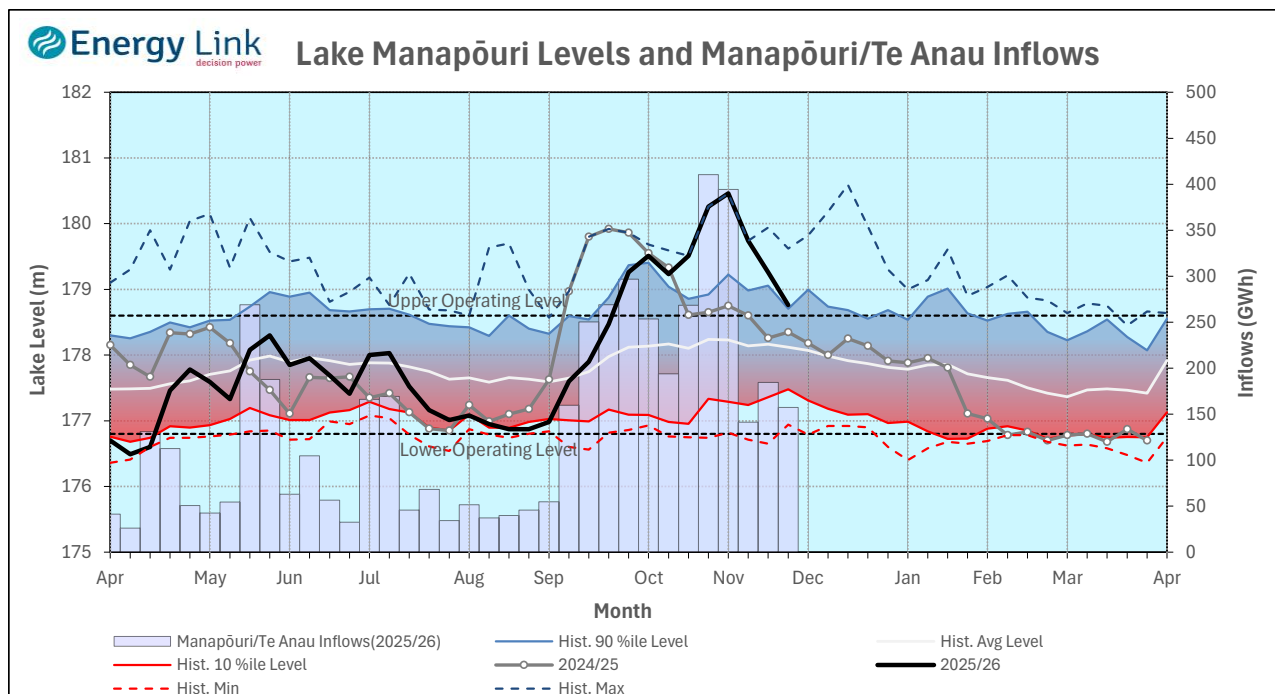
Generation - Average generation was 6.2% lower at 611 MW.

Hydro Spill - Estimate Spill is 182.5 cumecs.

River Flows - Total outflows from the lakes and Shotover River fell to 843.2 cumecs. This comprised of 16 cumecs from Lake Hāwea, 372 cumecs from Lake Wānaka, 350 cumecs from Lake Wakatipu and 106 cumecs from the Shotover River.



Manapōuri System



Lake Levels - Total storage for the Manapōuri System decreased 10.1% to 536 GWh with Lake Manapōuri ending the week 105.9% nominally full and Lake Te Anau ending the week 132.1% nominally full.

Inflows - Total inflows into the Manapōuri System decreased 14.7% to 157 GWh.

Generation - Average generation was 0.2% lower at 742 MW.

Hydro Spill - Estimated spill at the Māraroa Weir was 376.6 cumecs.

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

