

HydroWatch

Thursday, 25 September 2025
Issue: 1484
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)	1,061	825	1,886	448	2,335
Storage Change (GWh)	191	179	370	53	423

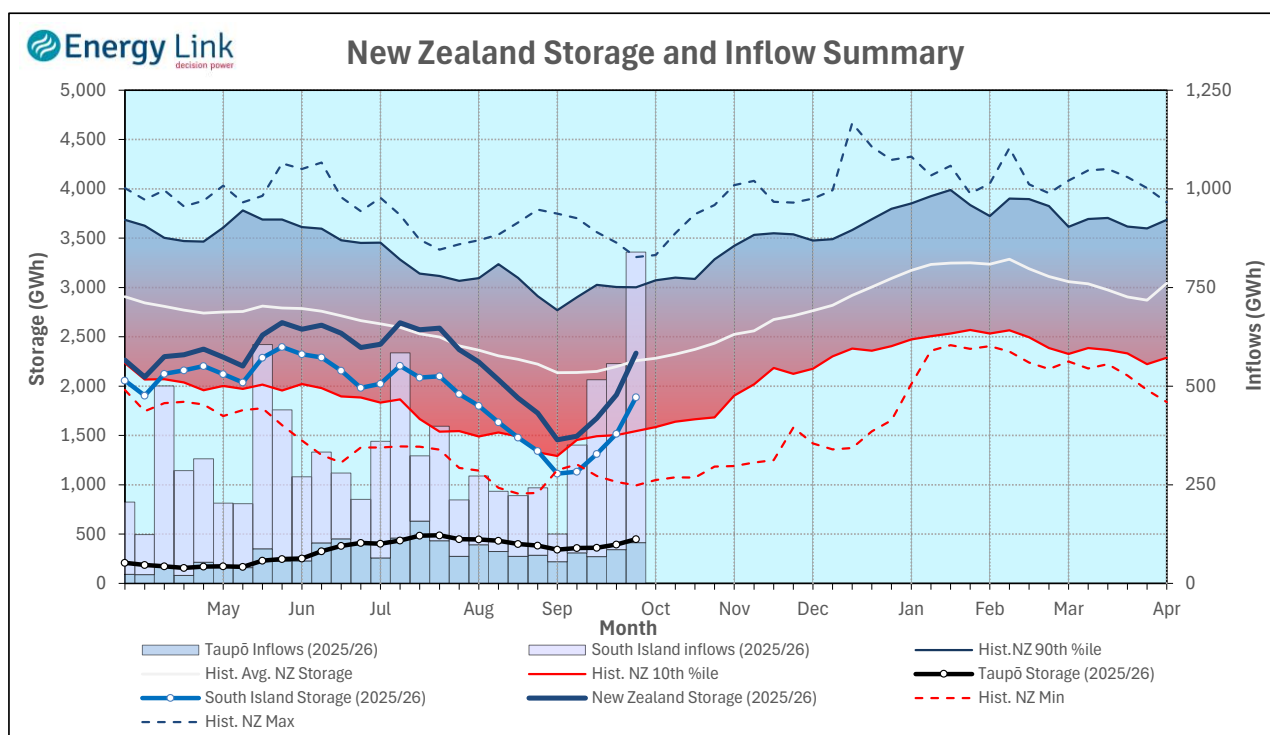
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island	New Zealand
Current Storage (GWh)	1,690	448	2,138

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 423 GWh over the last week. South Island controlled storage increased 21.9% to 1,061 GWh; South Island uncontrolled storage increased 28% to 825 GWh; with Taupō storage increasing 13.4% to 448 GWh.



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Storage (GWh)	Manapōuri	Clutha	Waitaki	Waikato	NZ
This Week	629	291	967	448	2,335
Last Week	509	207	801	395	1,912
% Change	23.4%	40.6%	20.8%	13.4%	22.1%
Inflow (GWh)	Manapōuri	Clutha	Waitaki	Waikato	NZ
This Week	297	183	257	104	840
Last Week	269	111	91	86	557
% Change	10.3%	65.1%	180.6%	20.9%	50.8%

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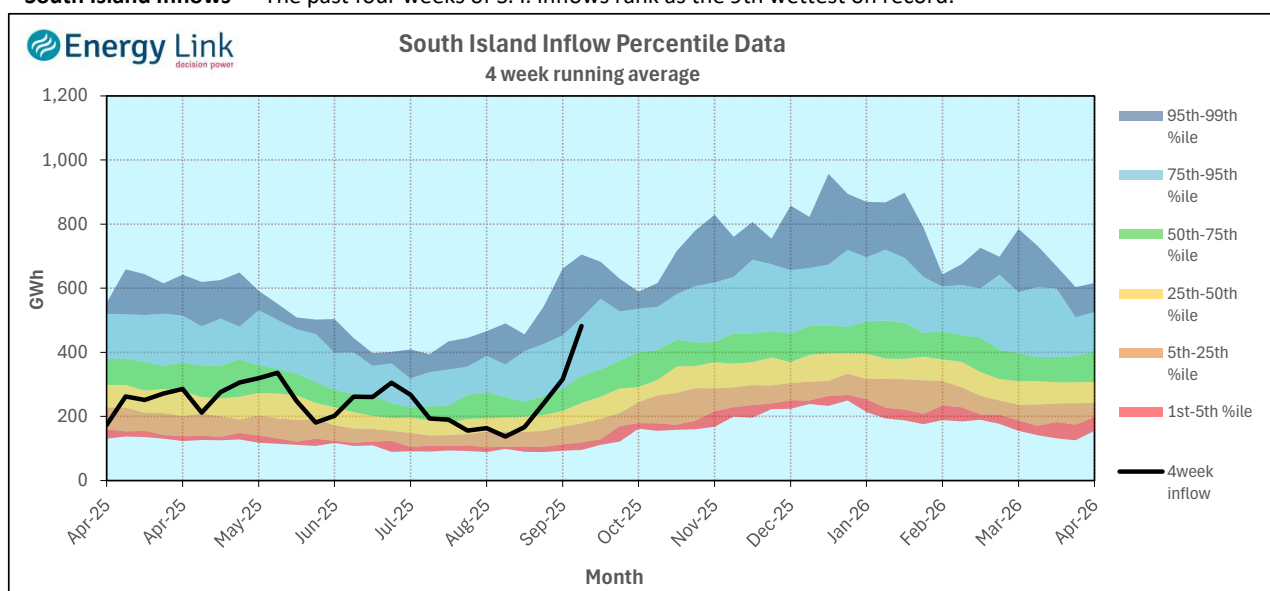
Lake Levels and Outflows

Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumecs)	Outflow Change
Manapōuri	Manapōuri	179.26	202	234	185
	Te Anau	203.71	426		
Clutha	Wakatipu	310.45	91	319	152
	Wānaka	278.20	105	304	
	Hāwea	340.62	94	14	
Waitaki	Takapō	704.91	268		142
	Pūkaki	523.86	699		
Waikato	Taupō	356.95	448		0

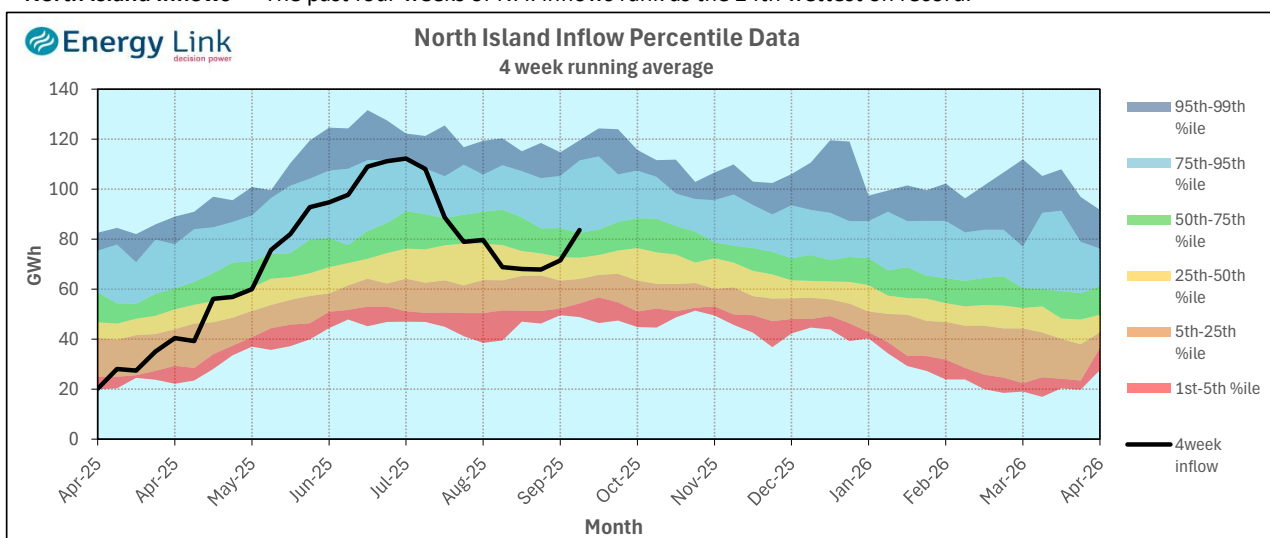
Inflow Summary

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.

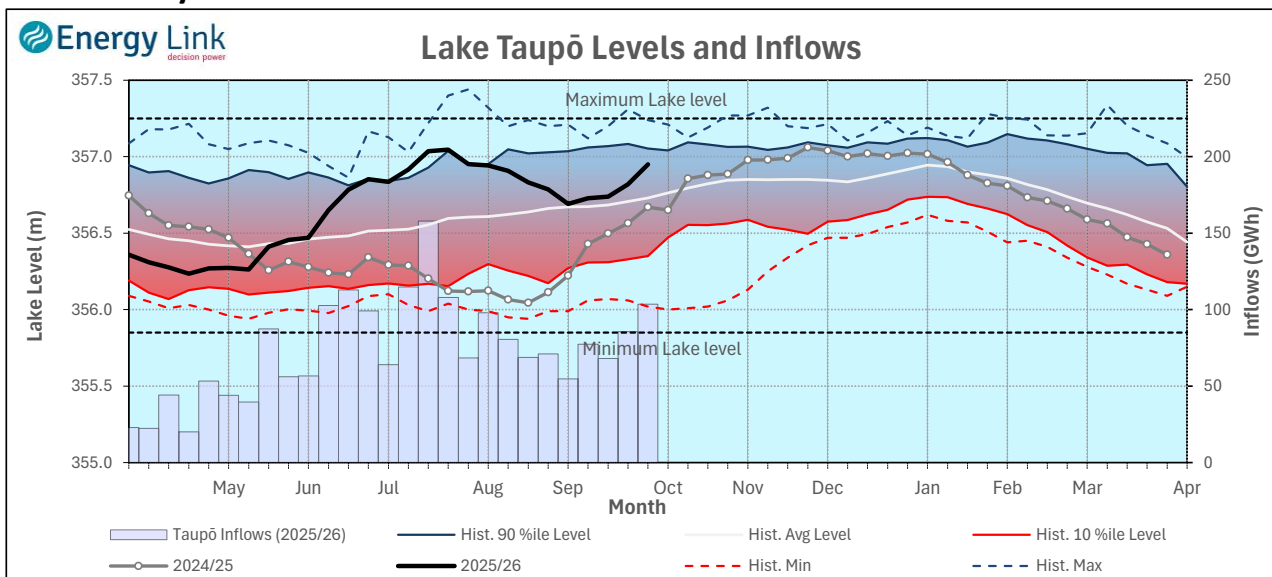
South Island Inflows - The past four weeks of S. I. inflows rank as the 9th wettest on record.



North Island Inflows - The past four weeks of N. I. inflows rank as the 24th wettest on record.



Waikato System

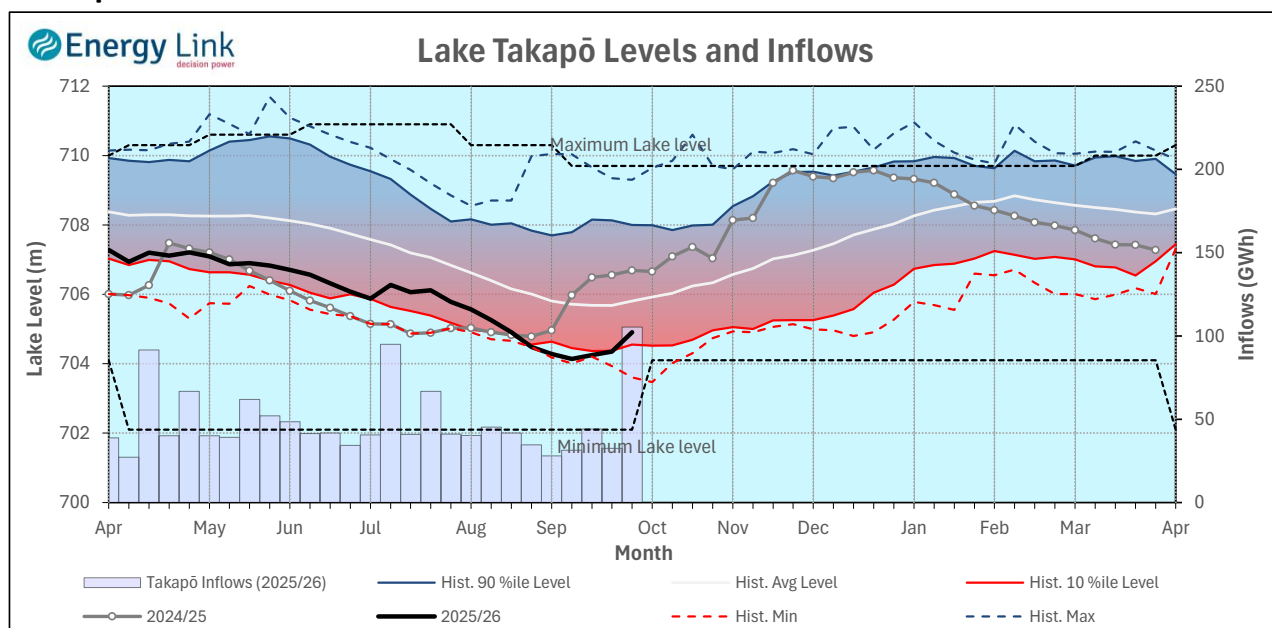


Lake Levels - Lake Taupō storage increased to 78.5% of nominal full at 448 GWh.

Inflows - Inflows increased 20.9% to 104 GWh.

Generation - Average generation decreased 5.6% to 399.8 MW.

Takapō



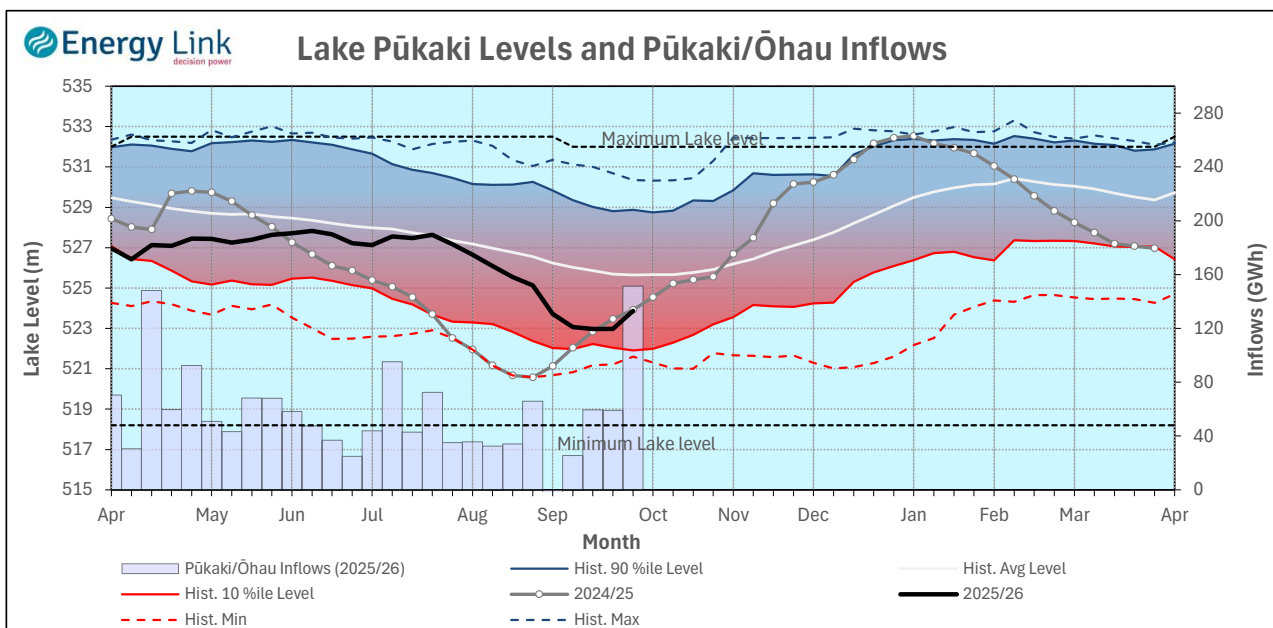
Lake Levels - Lake Takapō ended the week 37% nominally full with storage increasing to 268 GWh.

Inflows - Inflows into Takapō increased 224.1% to 105 GWh.

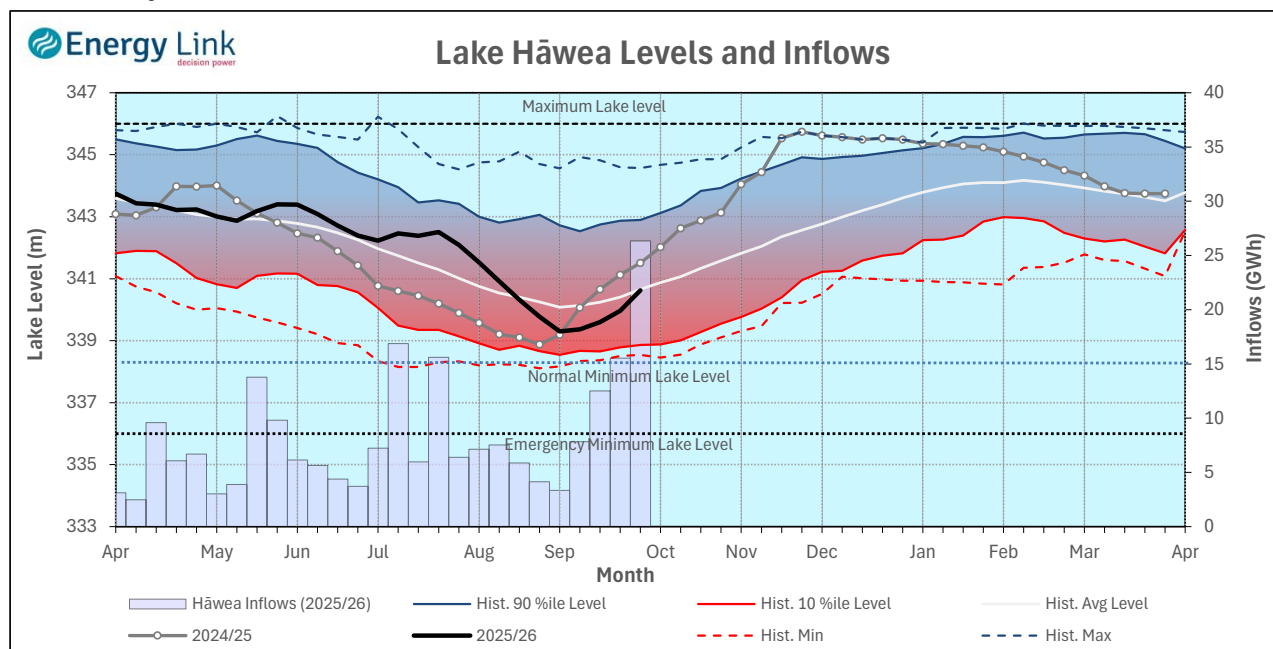
Generation - Average Takapō generation increased 117.8% to 98.2 MW.

Hydro Spill - Lake Takapō did not spill.

Waitaki System



Clutha System



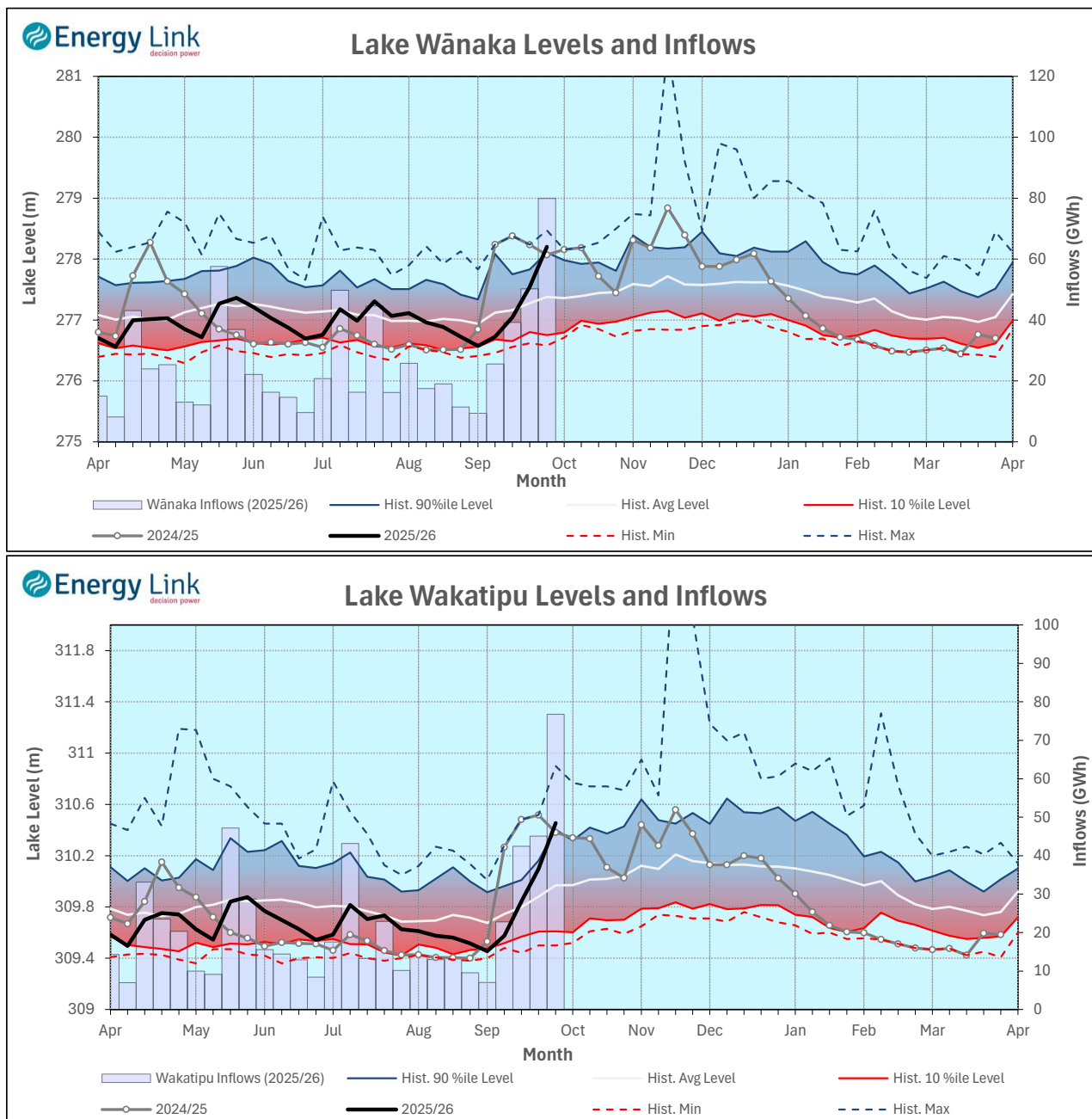
Lake Levels - Total storage for the Clutha System increased by 40.6% to 291 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 31.9%, 92.2% and 86% nominally full respectively.

Inflows - Total Inflows into the Clutha System 65.1% higher at 183 GWh.

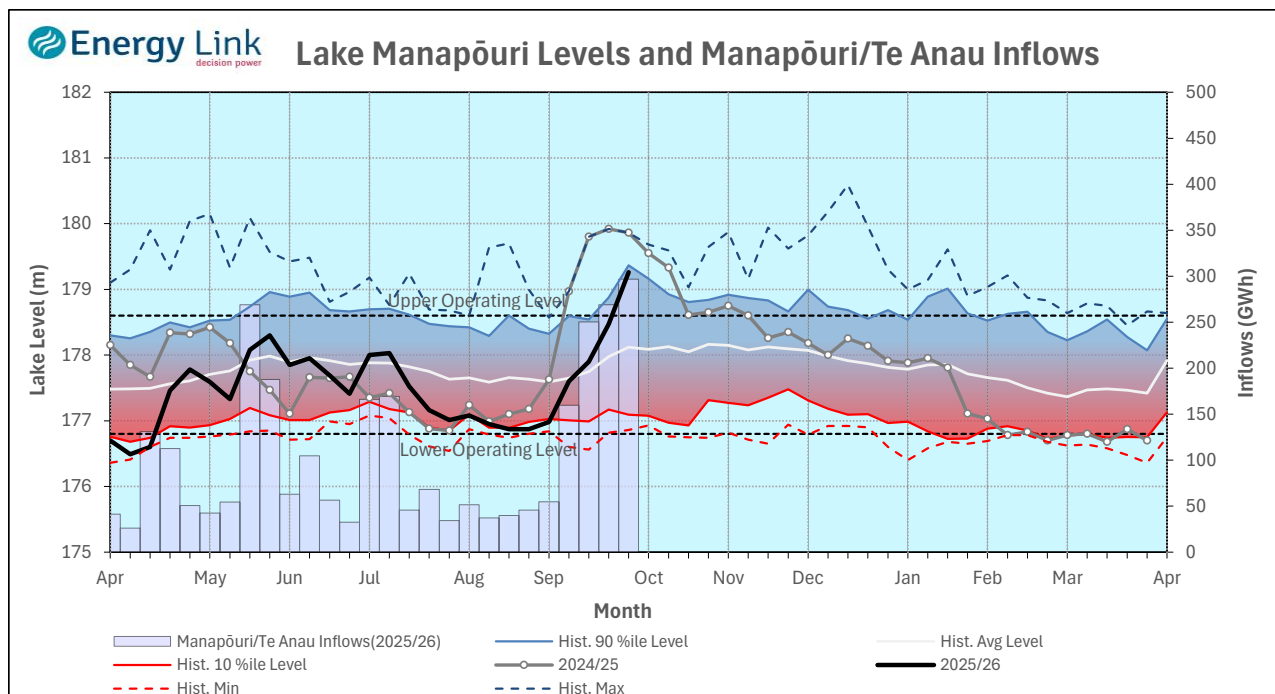
Generation - Average generation was 56.6% higher at 609 MW.

Hydro Spill - Estimate Spill is 96 cumecs.

River Flows - Total outflows from the lakes and Shotover River increased to 755.5 cumecs. This comprised of 14 cumecs from Lake Hāwea, 304 cumecs from Lake Wānaka, 319 cumecs from Lake Wakatipu and 119 cumecs from the Shotover River.



Manapōuri System



Lake Levels - Total storage for the Manapōuri System increased by 23.4% to 629 GWh with Lake Manapōuri ending the week 124.5% nominally full and Lake Te Anau ending the week 154.9% nominally full.

Inflows - Total inflows into the Manapōuri System increased 10.3% to 297 GWh.

Generation - Average generation was 2.6% lower at 716 MW.

Hydro Spill - Estimated spill at the Mārarōa Weir was 234.4 cumecs.

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

