



# HydroWatch

Thursday, 4 December 2025

Issue: 1494

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)	2,938	779	3,718	531	4,248
Storage Change (GWh)	231	72	303	23	326

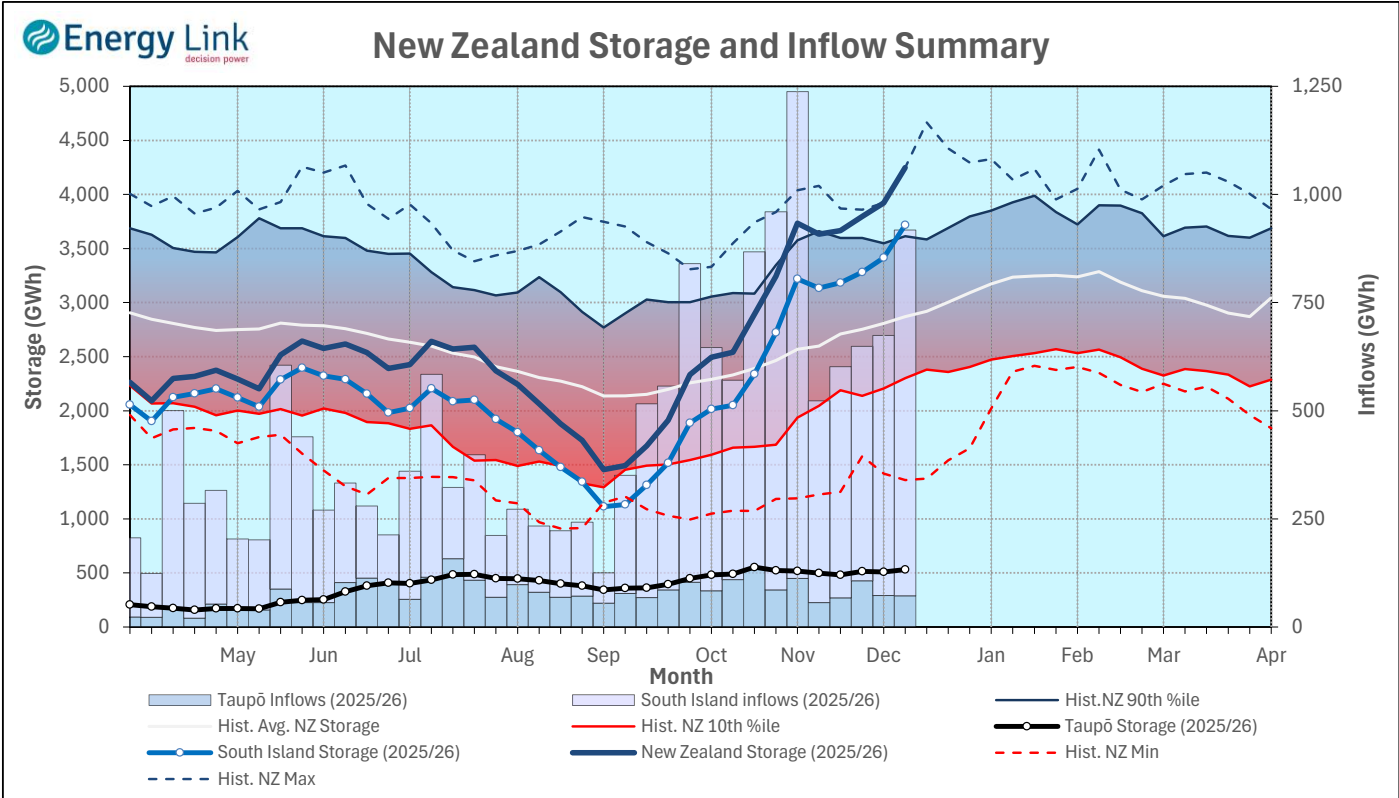
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island	New Zealand
Current Storage (GWh)	3,502	531	4,033

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 326 GWh over the last week. South Island controlled storage increased 8.5% to 2,938 GWh; South Island uncontrolled storage increased 10% to 779 GWh; with Taupō storage increasing 4.5% to 531 GWh.



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Storage (GWh)	Manapōuri	Clutha	Waitaki	Waikato	NZ
This Week	564	491	2,663	531	4,248
Last Week	513	463	2,438	508	3,922
% Change	9.9%	6.1%	9.2%	4.5%	8.3%
Inflow (GWh)	Manapōuri	Clutha	Waitaki	Waikato	NZ
This Week	273	174	399	72	918
Last Week	189	116	297	73	674
% Change	44.7%	50.2%	34.5%	-1.0%	36.2%

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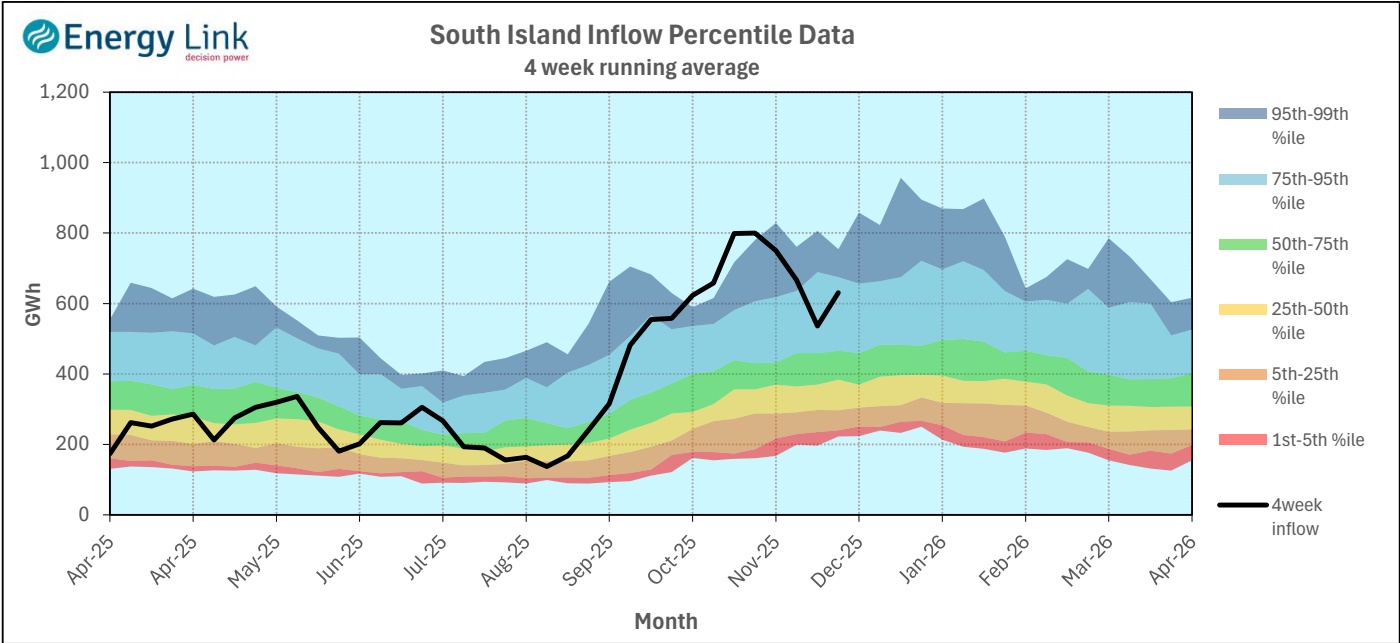
Lake Levels and Outflows

Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumecs)	Outflow Change
Manapōuri	Manapōuri	178.90	181	395	31
	Te Anau	203.42	383		
Clutha	Wakatipu	310.56	99	390	45
	Wānaka	278.42	116	439	
	Hāwea	345.49	276	102	
Waitaki	Takapō	710.23	827		73
	Pūkaki	532.41	1,835		
Waikato	Taupō	357.15	531		37

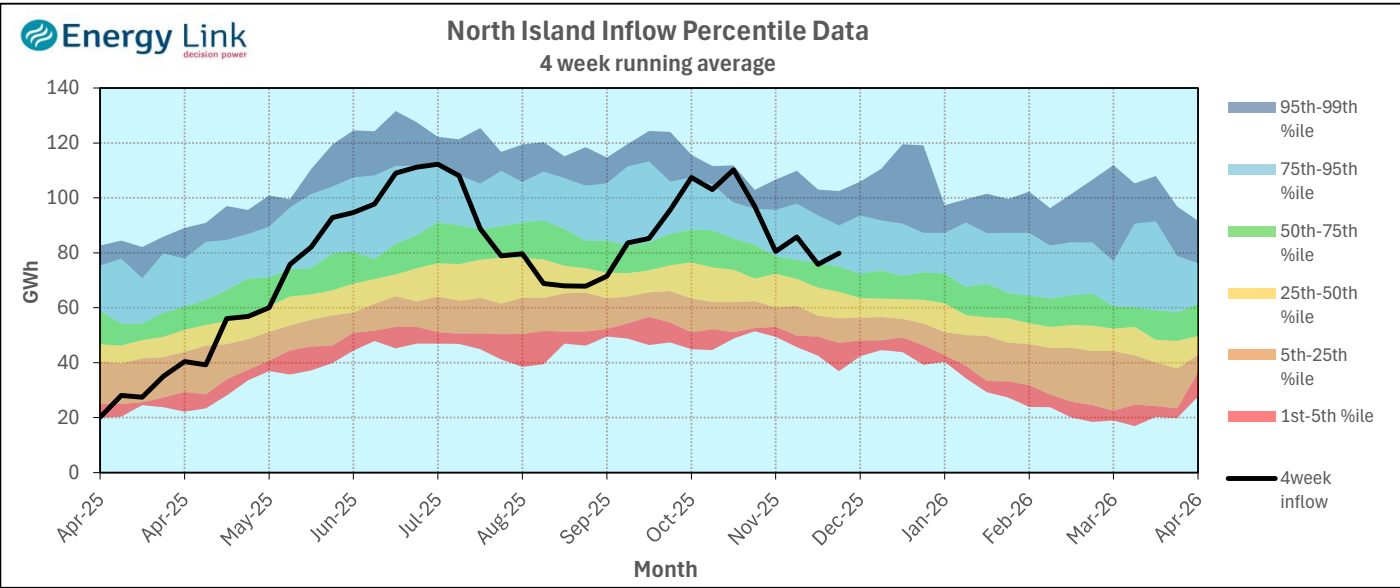
Inflow Summary

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.

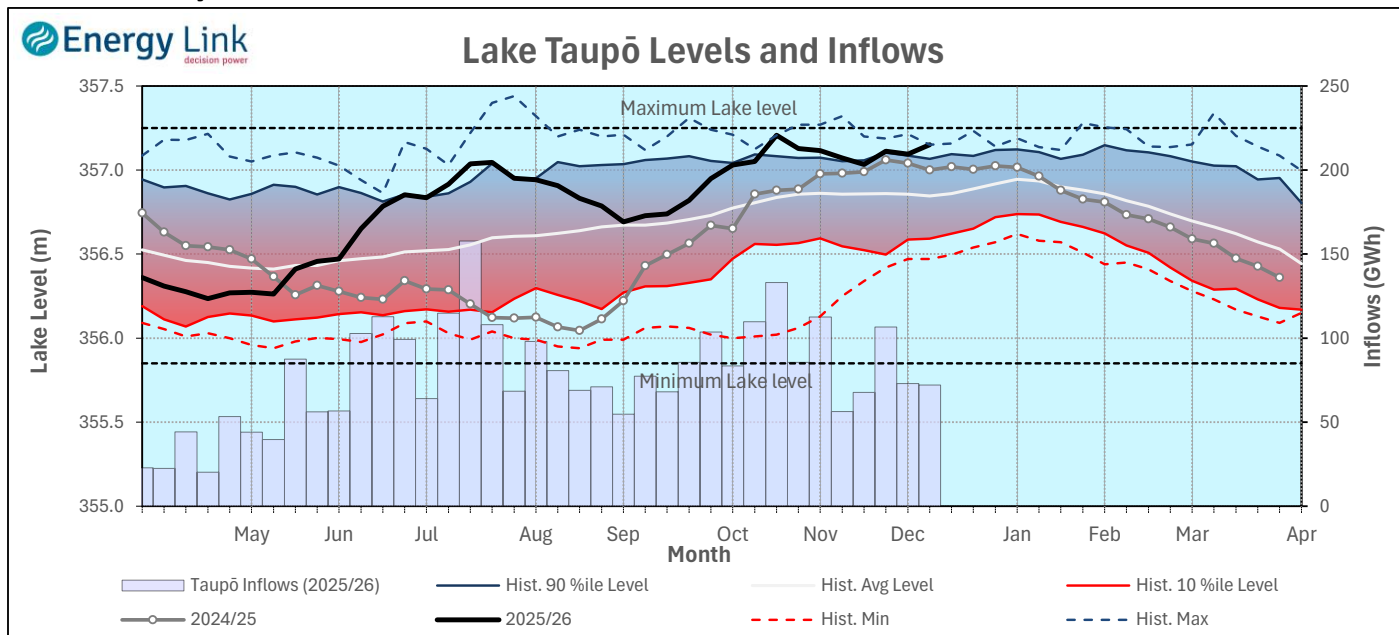
**South Island Inflows -** The past four weeks of S. I. inflows rank as the 8th wettest on record.



**North Island Inflows -** The past four weeks of N. I. inflows rank as the 15th wettest on record.



## Waikato System

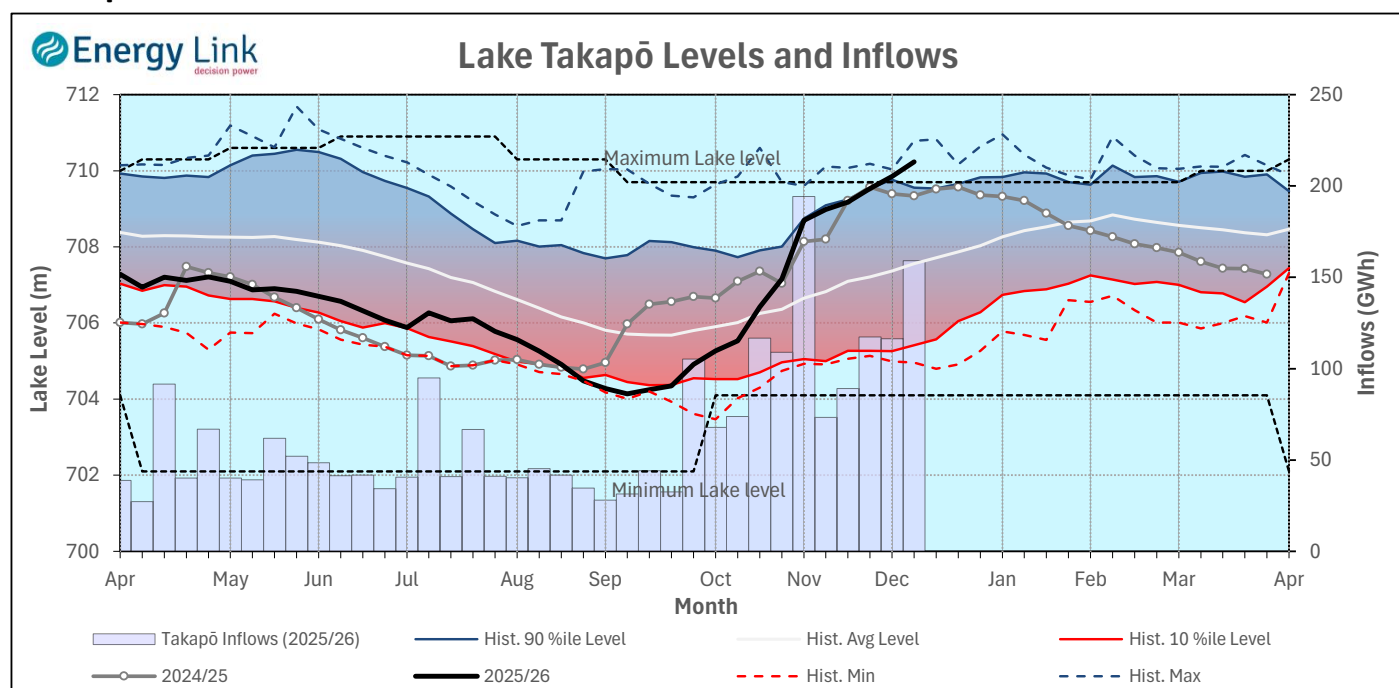


**Lake Levels** - Lake Taupō storage increased to 92.9% of nominal full at 531 GWh.

**Inflows** - Inflows decreased 1% to 72 GWh.

**Generation** - Average generation decreased 19.6% to 434.5 MW.

## Takapō



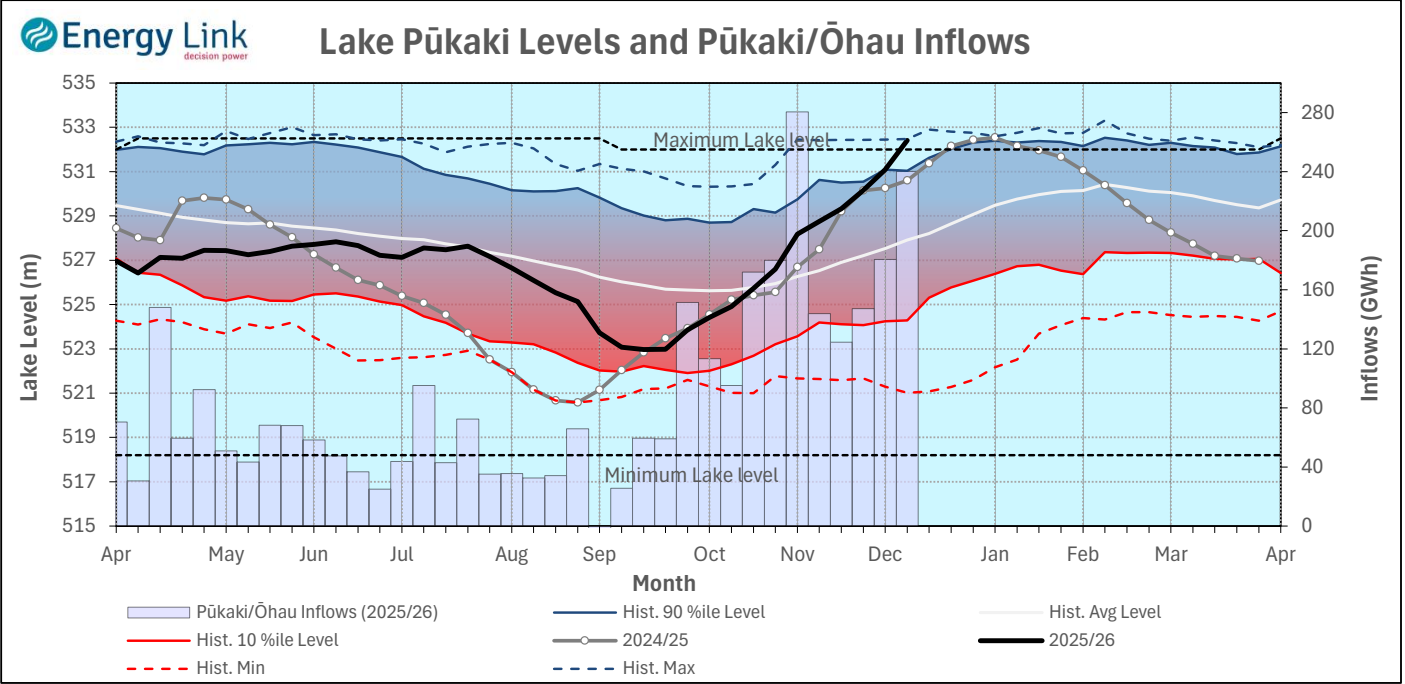
**Lake Levels** - Lake Takapō ended the week 114% nominally full with storage increasing to 827 GWh.

**Inflows** - Inflows into Takapō increased 36.7% to 159 GWh.

**Generation** - Average Takapō generation increased 6.7% to 183.5 MW.

**Hydro Spill** - Lake Takapō spill was 44 cumecs.

Waitaki System



**Lake Levels -** Lake Pūkaki ended the week 103% nominally full with storage increasing to 1,835 GWh.

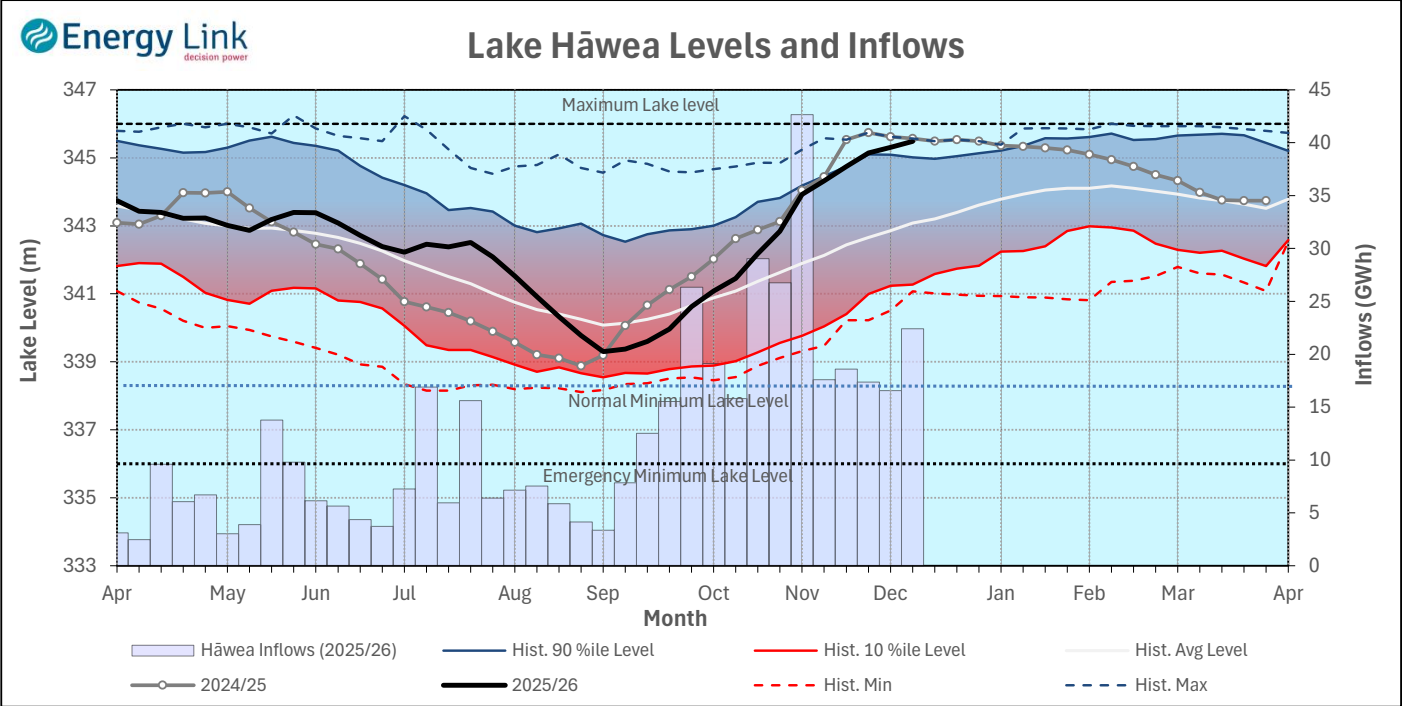
**Inflows -** Inflows into the Waitaki System increased 33.1% to 240 GWh.

**Generation -** Average Waitaki generation decreased 0.1% to 795 MW.

**Hydro Spill -** Lake Pūkaki spill was 8 cumecs.

**River Flows -** Flows from the Ahuriri River increased to 53.3 cumecs while Waitaki River flows were lower than last week averaging 349.9 cumecs.

Clutha System



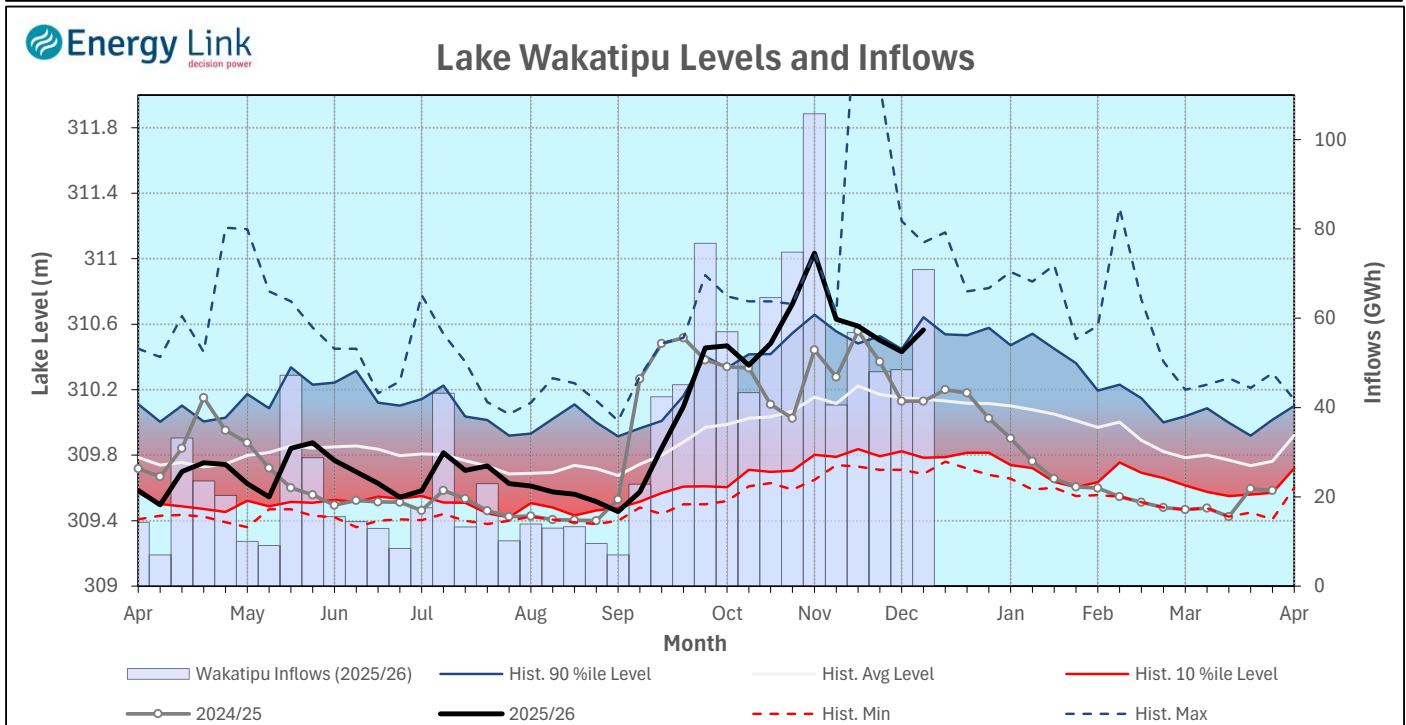
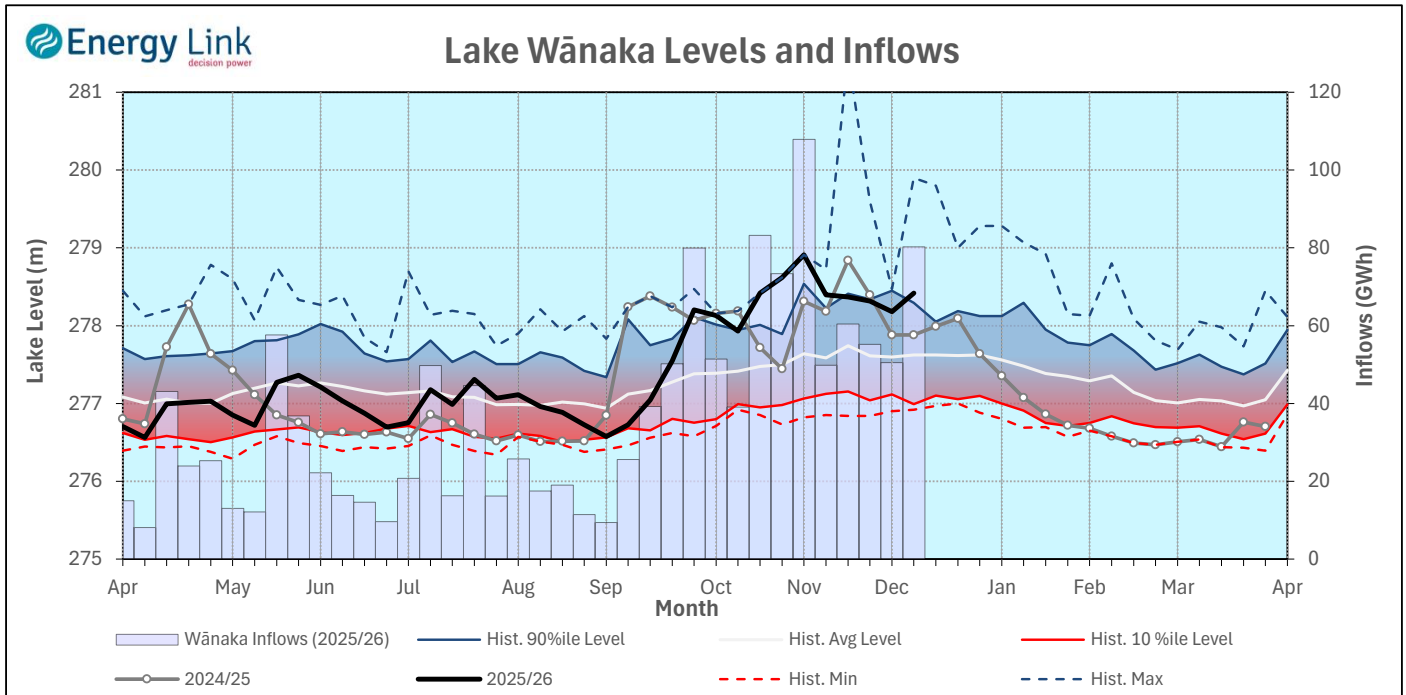
**Lake Levels** - Total storage for the Clutha System increased by 6.1% to 491 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 93.4%, 101.5% and 93.9% nominally full respectively.

**Inflows** - Total Inflows into the Clutha System 50.2% higher at 174 GWh.

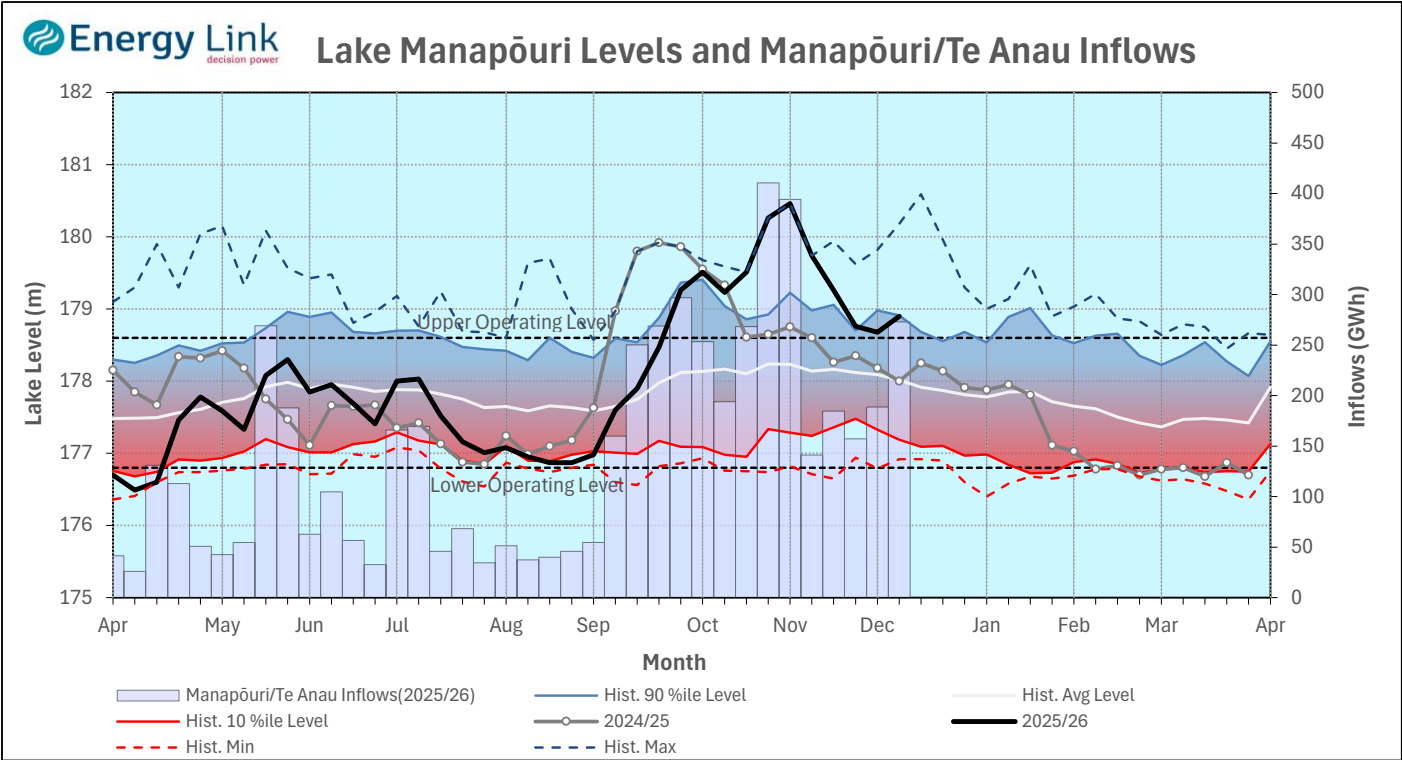
**Generation** - Average generation was 15.1% lower at 564 MW.

**Hydro Spill** - Estimate Spill is 431.4 cumecs.

**River Flows** - Total outflows from the lakes and Shotover River increased to 1045.2 cumecs. This comprised of 102 cumecs from Lake Hāwea, 439 cumecs from Lake Wānaka, 390 cumecs from Lake Wakatipu and 114 cumecs from the Shotover River.



Manapōuri System



**Lake Levels** - Total storage for the Manapōuri System increased by 9.9% to 564 GWh with Lake Manapōuri ending the week 111.1% nominally full and Lake Te Anau ending the week 139.1% nominally full.

**Inflows** - Total inflows into the Manapōuri System increased 44.7% to 273 GWh.

**Generation** - Average generation was 2.3% higher at 743 MW.

**Hydro Spill** - Estimated spill at the Māraroa Weir was 395 cumecs.

**Operating Range** - Lake Manapōuri is operating in the lower end of its 'High operating range' while Lake Te Anau is operating in the middle of its 'High operating range'.

