HydroWatch

Thursday, 6 November 2025 **Issue: 1490**

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)	**2,259**	**876**	**3,135**	**498**		**3,633**
Storage Change (GWh)	122	-205	-83	-18		-100

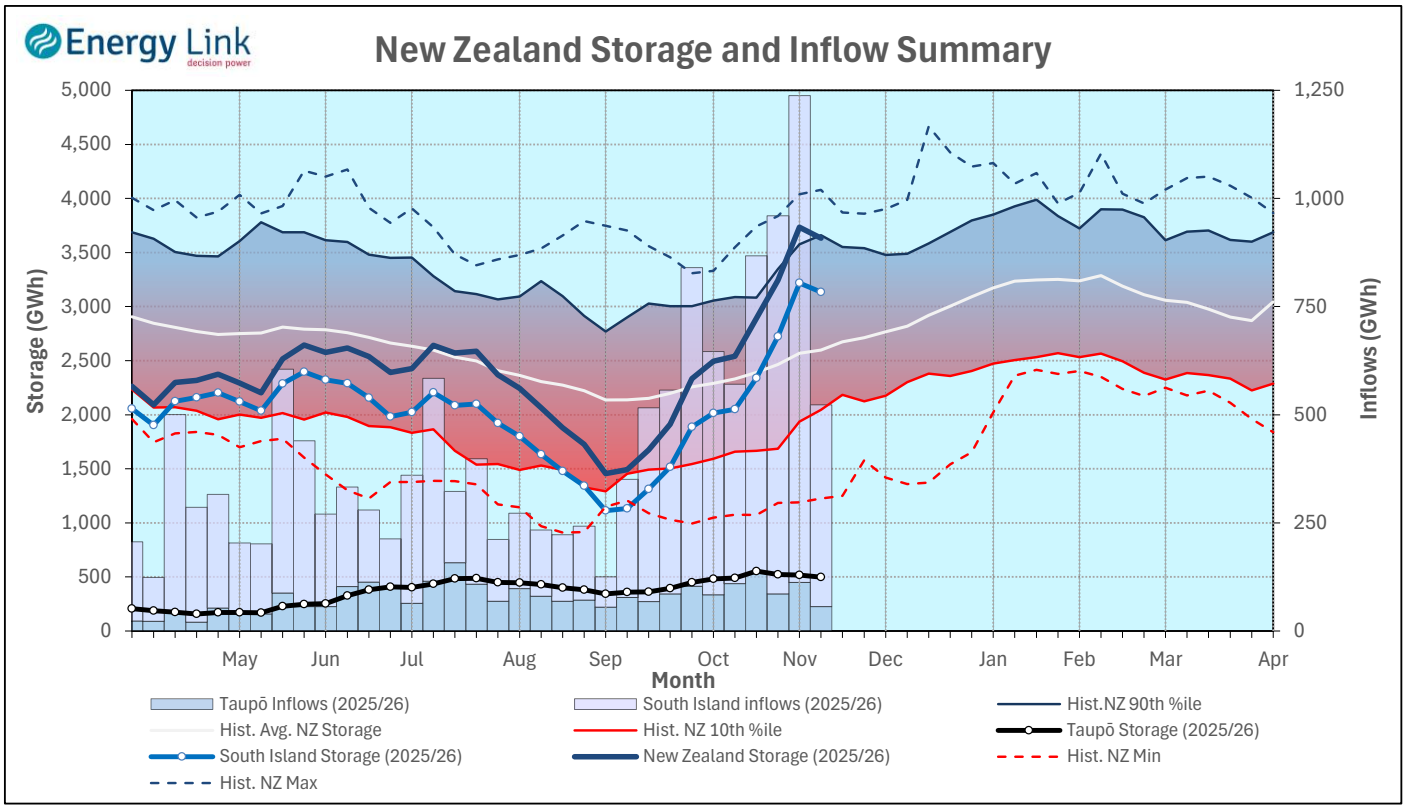
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island		New Zealand
Current Storage (GWh)	**2,915**	**498**		**3,414**

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 decreased 100 GWh over the last week. South Island controlled storage increased 5.7% to 2,259 GWh; South Island uncontrolled storage decreased 19% to 876 GWh; with Taupō storage decreasing 3.4% to 498 GWh.



Thursday, 6 November 2025	Manapōuri	Clutha	Waitaki	Waikato		NZ
Storage (GWh)						
This Week	**656**	**451**	**2,028**	**498**		**3,633**
Last Week	805	492	1,921	516		3,734
% Change	-18.5%	-8.4%	5.6%	-3.4%		-2.7%
Inflow (GWh)						
This Week	**141**	**108**	**217**	**56**		**523**
Last Week	394	256	475	113		1238
% Change	-64.2%	-57.9%	-54.2%	-50.0%		-57.8%

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Lake Levels and Outflows

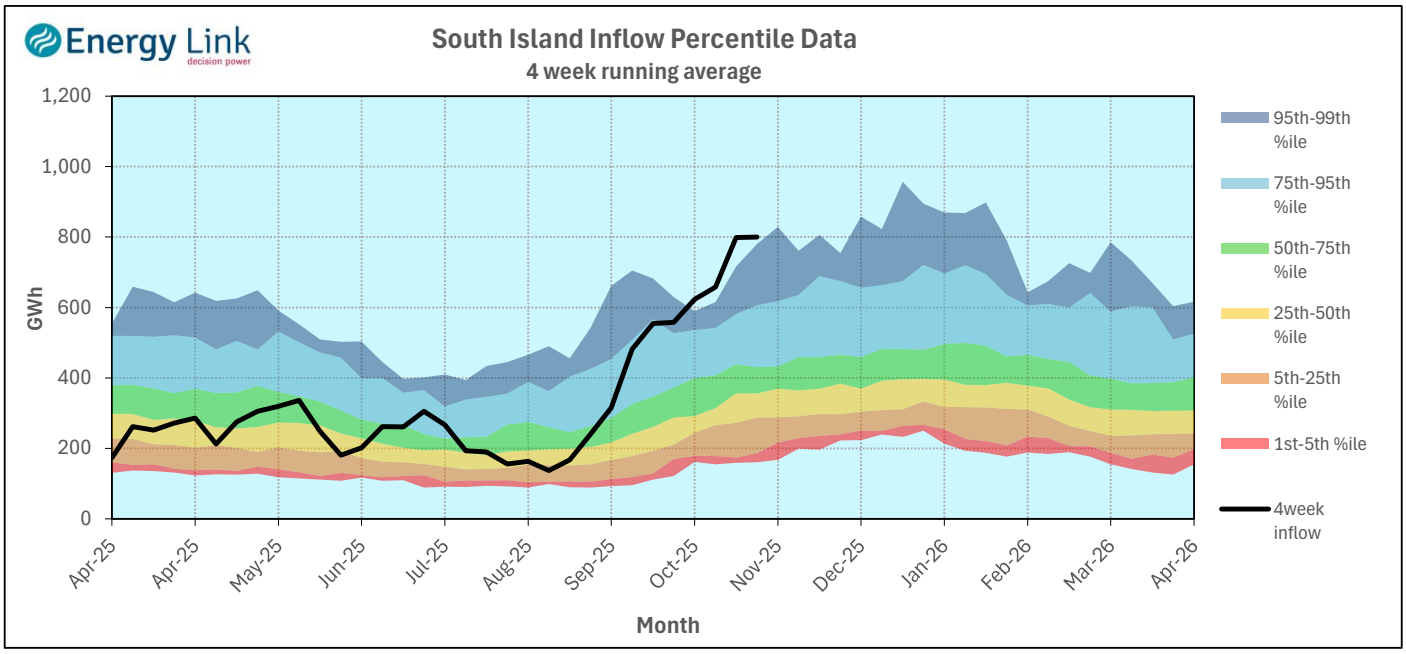
Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumecs)
Manapōuri	Manapōuri	179.74	231	658
	Te Anau	203.70	425	
Clutha	Wakatipu	310.63	104	456
	Wānaka	278.40	115	483
	Hāwea	344.32	232	17
Waitaki	Takapō	708.99	690	
	Pūkaki	528.75	1,337	
Waikato	Taupō	357.07	498	

Outflow Change
-246
-71
-115
3

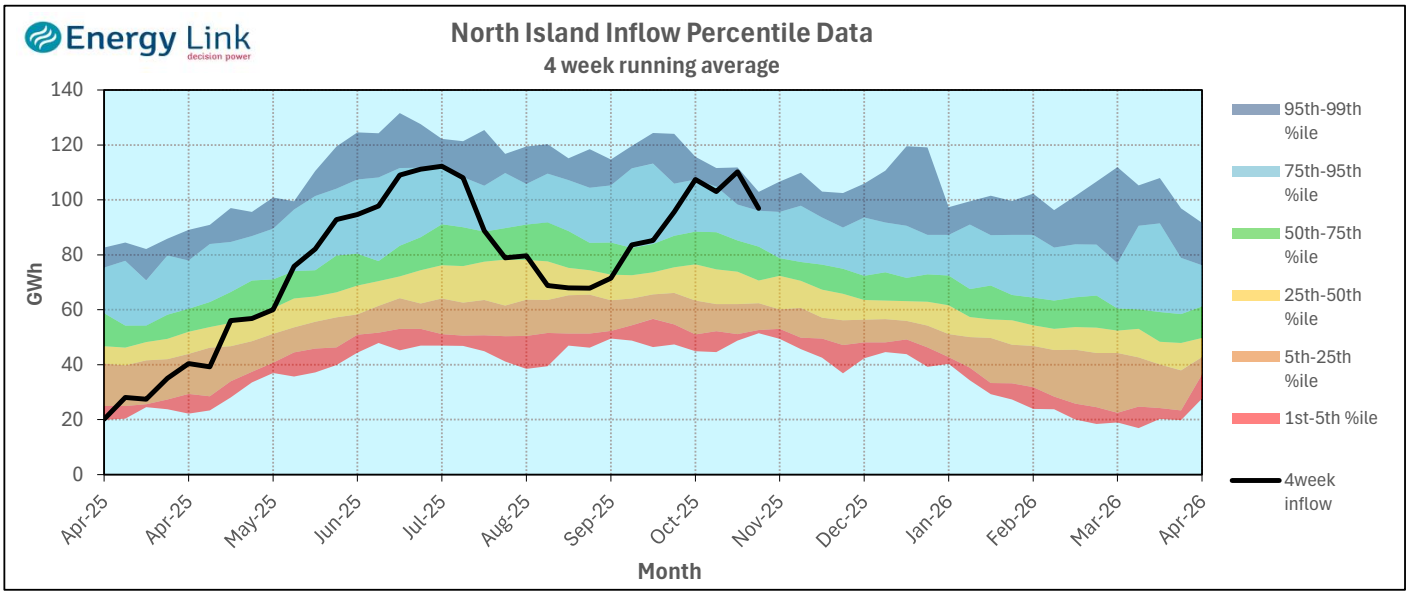
Inflow Summary

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.

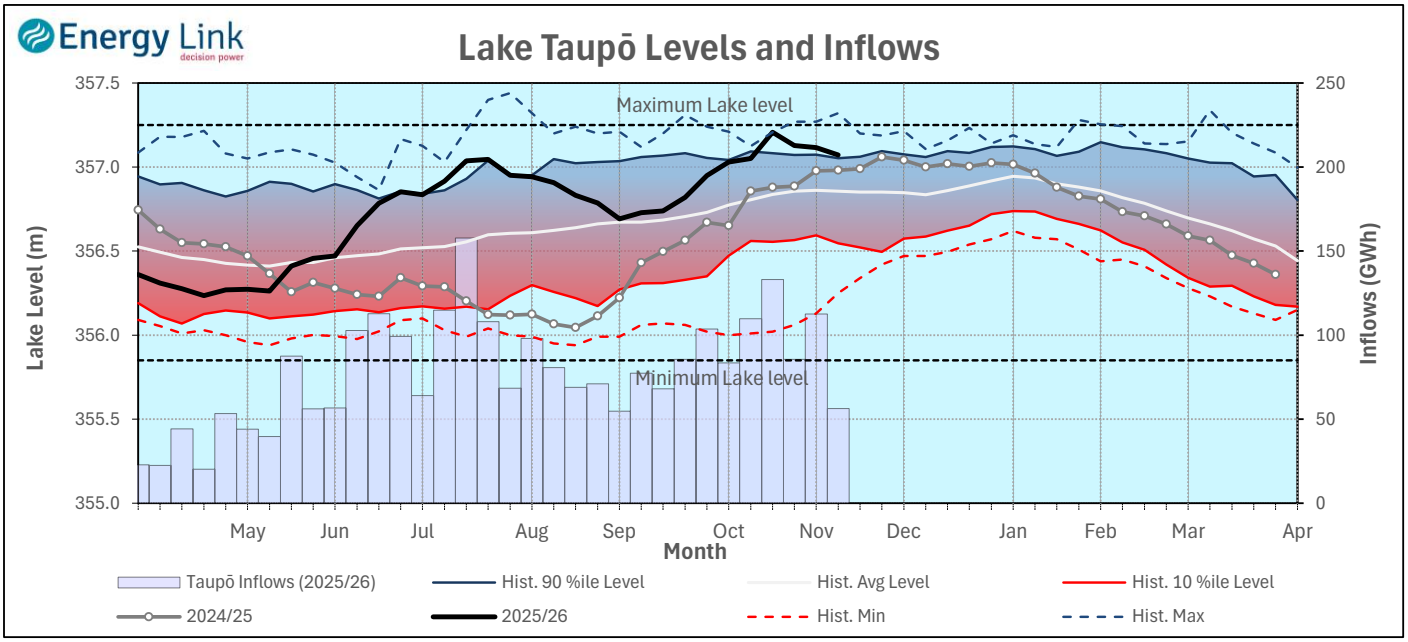
South Island Inflows - The past four weeks of S. I. inflows rank as the 2nd wettest on record.



North Island Inflows - The past four weeks of N. I. inflows rank as the 6th wettest on record.



Waikato System

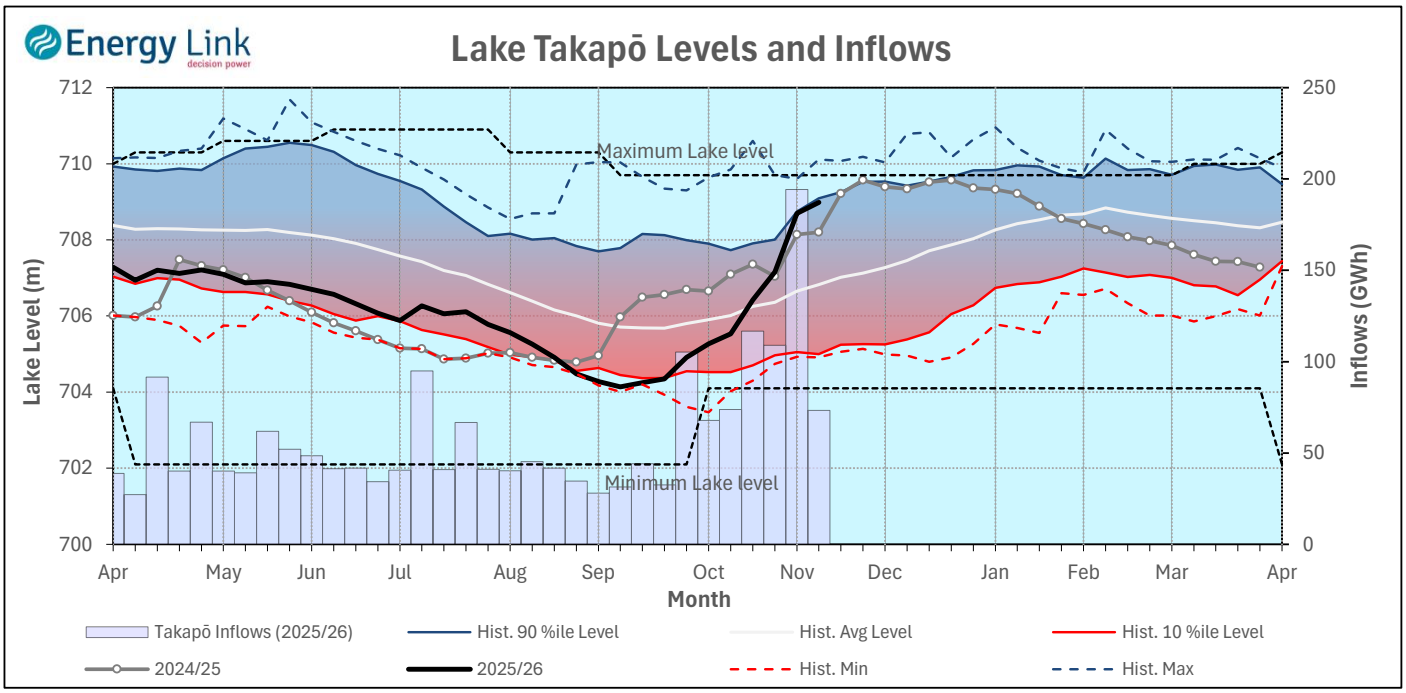


Lake Levels - Lake Taupō storage fell to 87.3% of nominal full at 498 GWh.

Inflows - Inflows decreased 50% to 56 GWh.

Generation - Average generation increased 41.5% to 469.8 MW.

Takapō



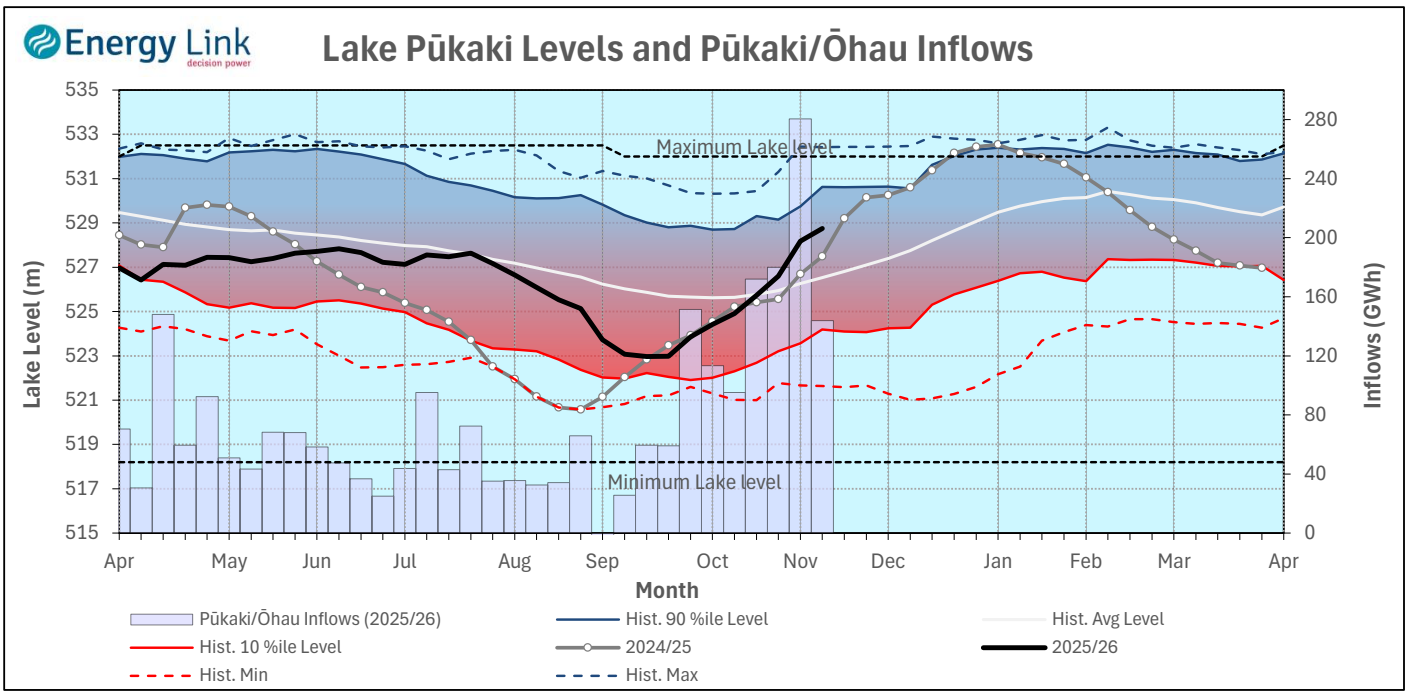
Lake Levels - Lake Takapō ended the week 95% nominally full with storage increasing to 690 GWh.

Inflows - Inflows into Takapō decreased 62.2% to 73 GWh.

Generation - Average Takapō generation increased 37.5% to 91.6 MW.

Hydro Spill - Lake Takapō did not spill.

Waitaki System



Lake Levels - Lake Pūkaki ended the week 75% nominally full with storage increasing to 1,337 GWh.

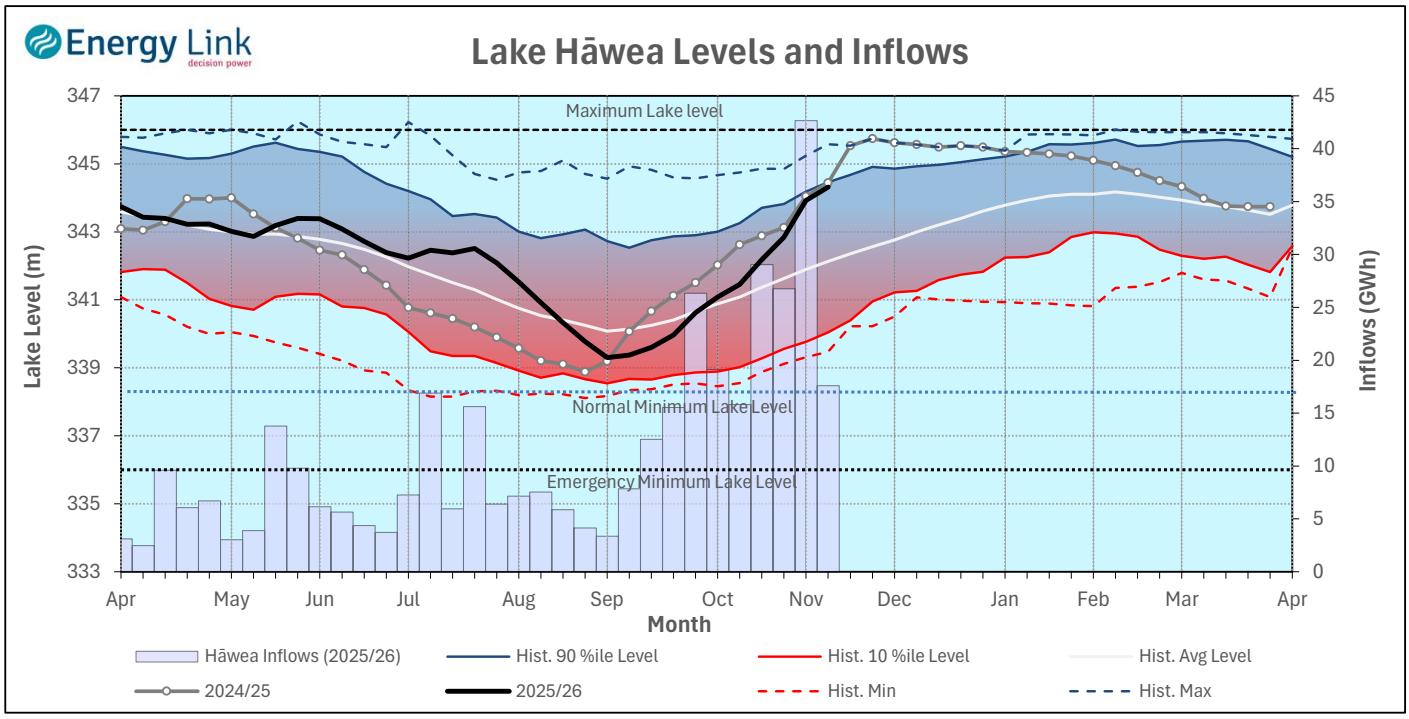
Inflows - Inflows into the Waitaki System decreased 48.7% to 144 GWh.

Generation - Average Waitaki generation decreased 13.3% to 825 MW.

Hydro Spill - Lake Pūkaki did not spill.

River Flows - Flows from the Ahuriri River fell to 76.7 cumecs while Waitaki River flows were lower than last week averaging 424.6 cumecs.

Clutha System



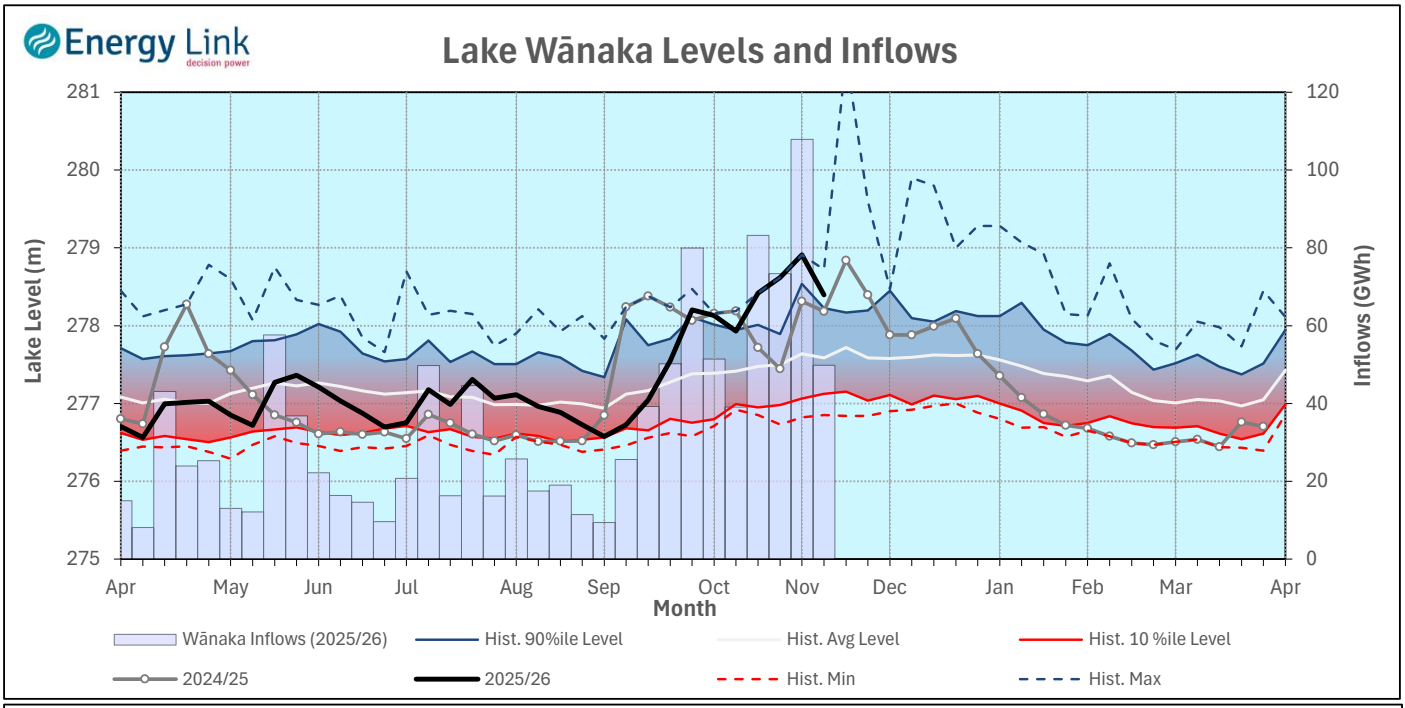
Lake Levels - Total storage for the Clutha System decreased 8.4% to 451 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 78.5%, 100.7% and 98.6% nominally full respectively.

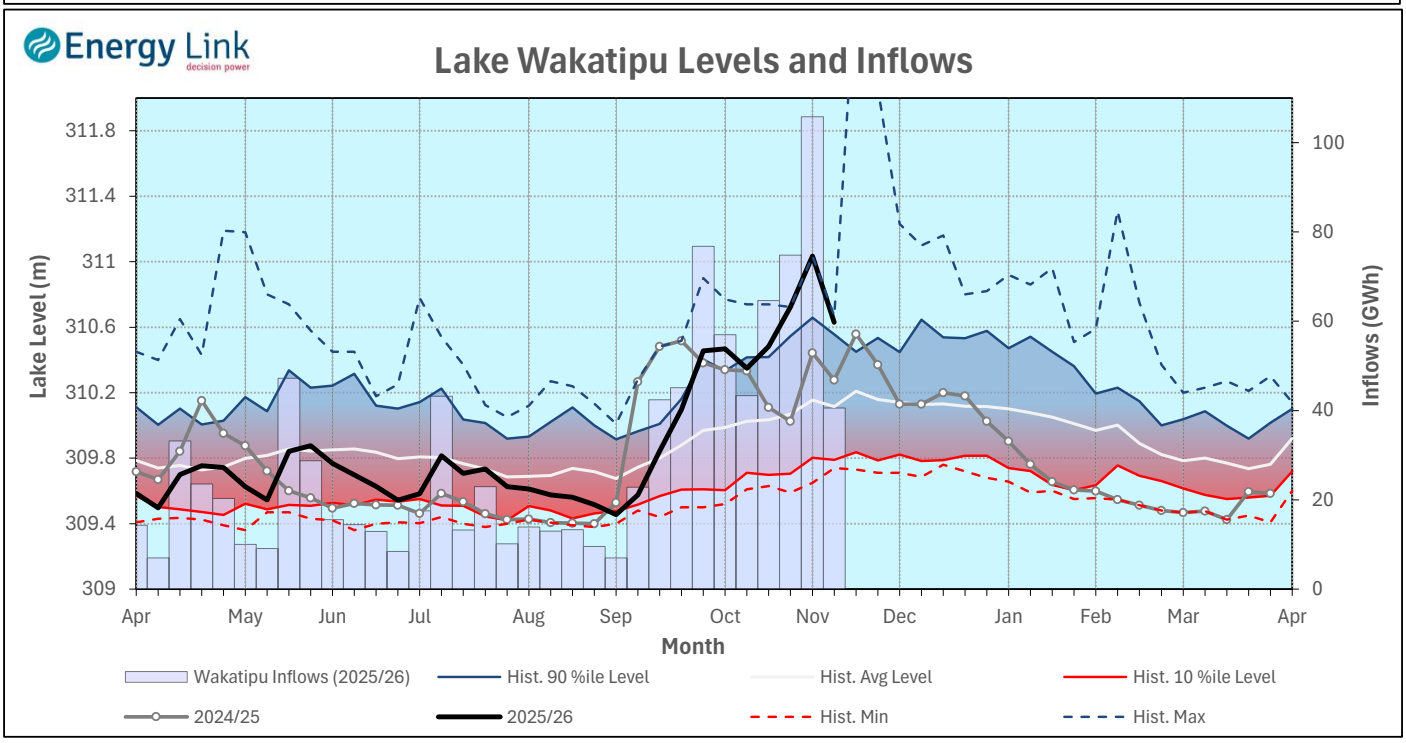
Inflows - Total Inflows into the Clutha System 57.9% lower at 108 GWh.

Generation - Average generation was 41.4% higher at 463 MW.

Hydro Spill - Estimate Spill is 546.9 cumecs.

River Flows - Total outflows from the lakes and Shotover River fell to 1060.3 cumecs. This comprised of 17 cumecs from Lake Hāwea, 483 cumecs from Lake Wānaka, 456 cumecs from Lake Wakatipu and 104 cumecs from the Shotover River.





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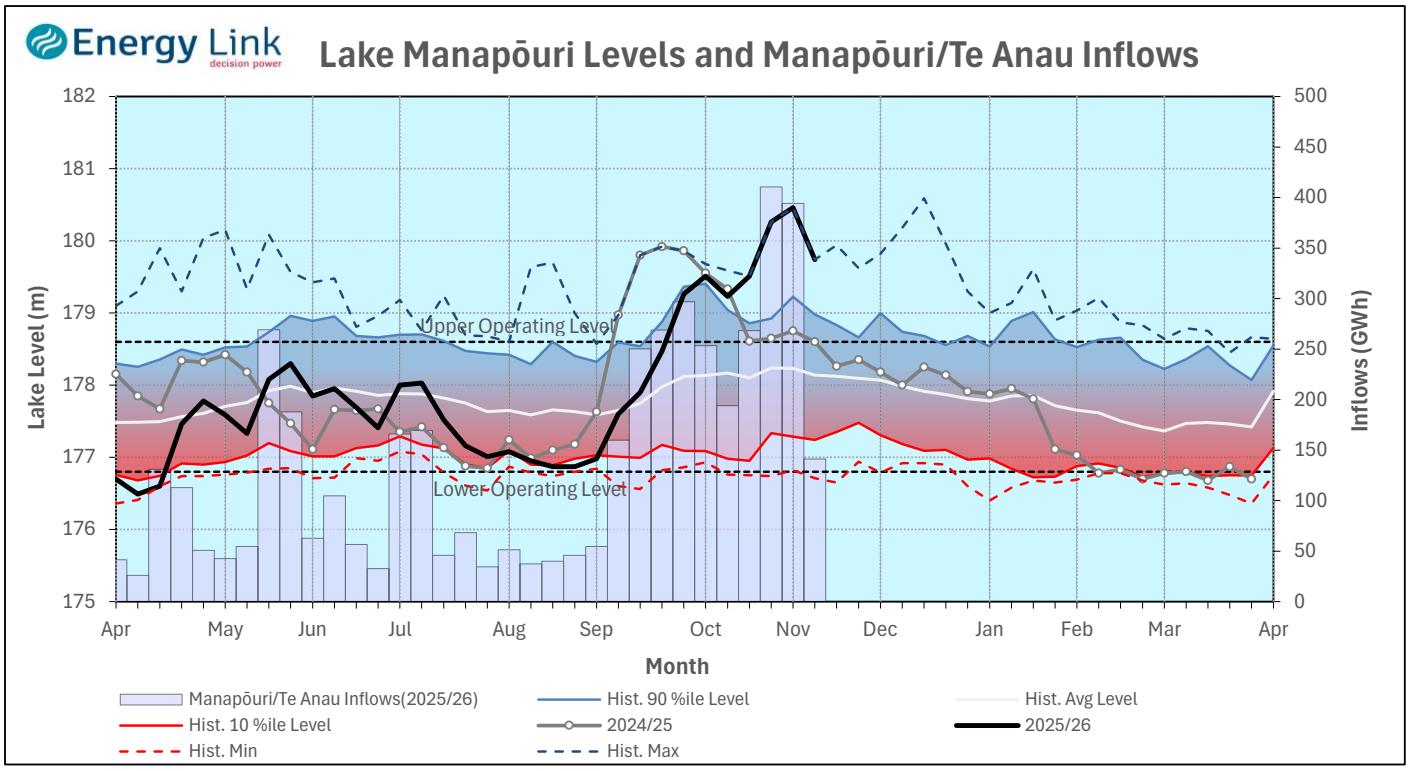
Manapōuri System



Lake Levels - Total storage for the Manapōuri System decreased 18.5% to 656 GWh with Lake Manapōuri ending the week 142.3% nominally full and Lake Te Anau ending the week 154.3% nominally full.

Inflows - Total inflows into the Manapōuri System decreased 64.2% to 141 GWh.

Generation - Average generation was 3.6% higher at 743 MW.

Hydro Spill - Estimated spill at the Māraroa Weir was 657.9 cumecs.

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