HydroWatch

Thursday, 25 December 2025 **Issue: 1497**

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)	**2,931**	**639**	**3,570**	**516**		**4,085**
Storage Change (GWh)	-20	-52	-72	14		-58

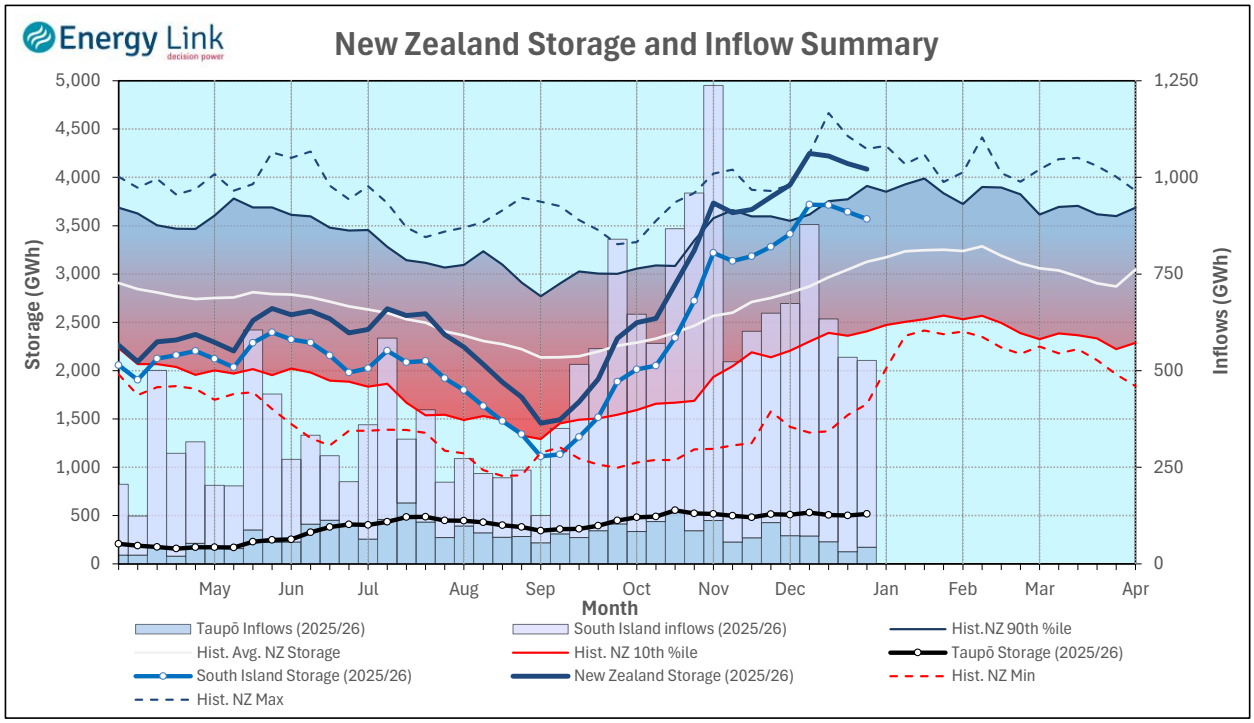
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island		New Zealand
Current Storage (GWh)	**3,390**	**516**		**3,906**

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 58 GWh over the last week. South Island controlled storage decreased 0.7% to 2,931 GWh; South Island uncontrolled storage decreased 8% to 639 GWh; with Taupō storage increasing 2.8% to 516 GWh.



Thursday, 25 December 2025	Manapōuri	Clutha	Waitaki	Waikato		NZ
Storage (GWh)						
This Week	**460**	**461**	**2,649**	**516**		**4,085**
Last Week	495	471	2,675	502		4,143
% Change	-7.2%	-2.2%	-1.0%	2.8%		-1.4%
Inflow (GWh)						
This Week	**157**	**101**	**225**	**43**		**526**
Last Week	135	114	254	31		534
% Change	16.2%	-11.5%	-11.2%	37.5%		-1.5%

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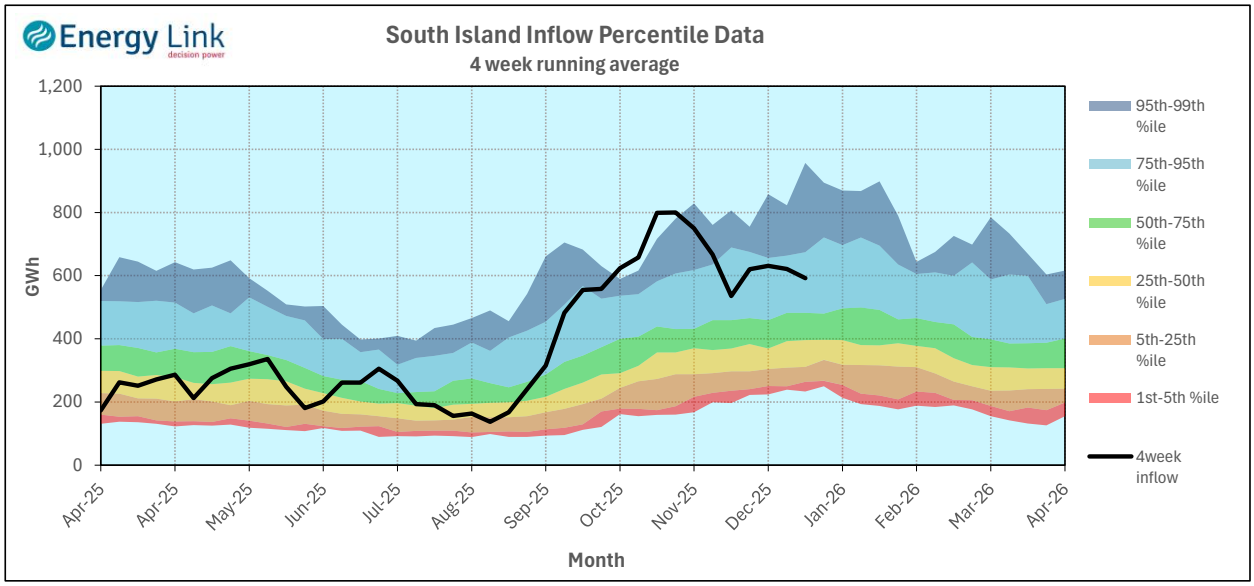
Lake Levels and Outflows

Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumecs)	Outflow Change
Manapōuri	Manapōuri	178.39	150	278	-55
	Te Anau	202.93	310		
Clutha	Wakatipu	310.29	79	308	-13
	Wānaka	278.10	101	354	-13
	Hāwea	345.63	281	54	-42
Waitaki	Takapō	709.63	760		
	Pūkaki	532.80	1,889		
Waikato	Taupō	357.12	516		

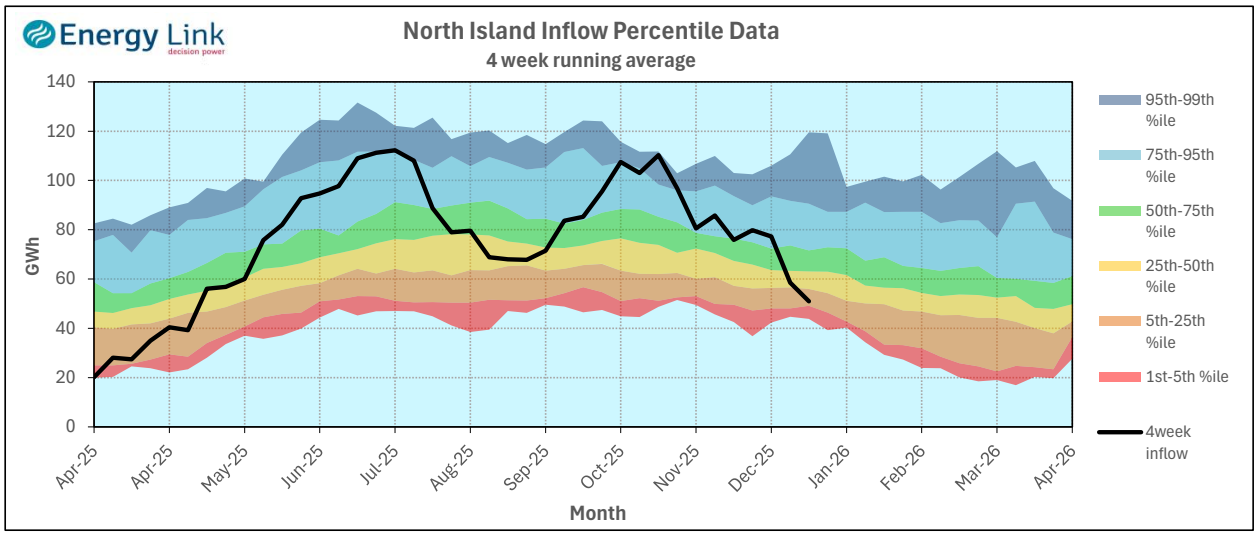
Inflow Summary

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.

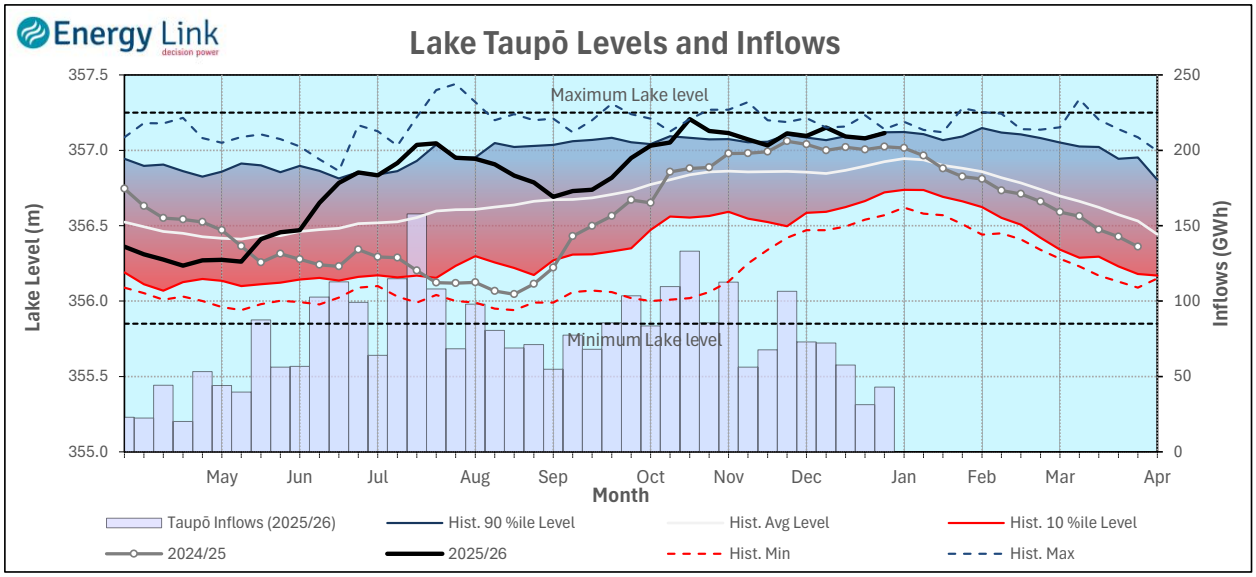
South Island Inflows - The past four weeks of S. I. inflows rank as the 10th wettest on record.



North Island Inflows - The past four weeks of N. I. inflows rank as the 11th driest on record.



Waikato System

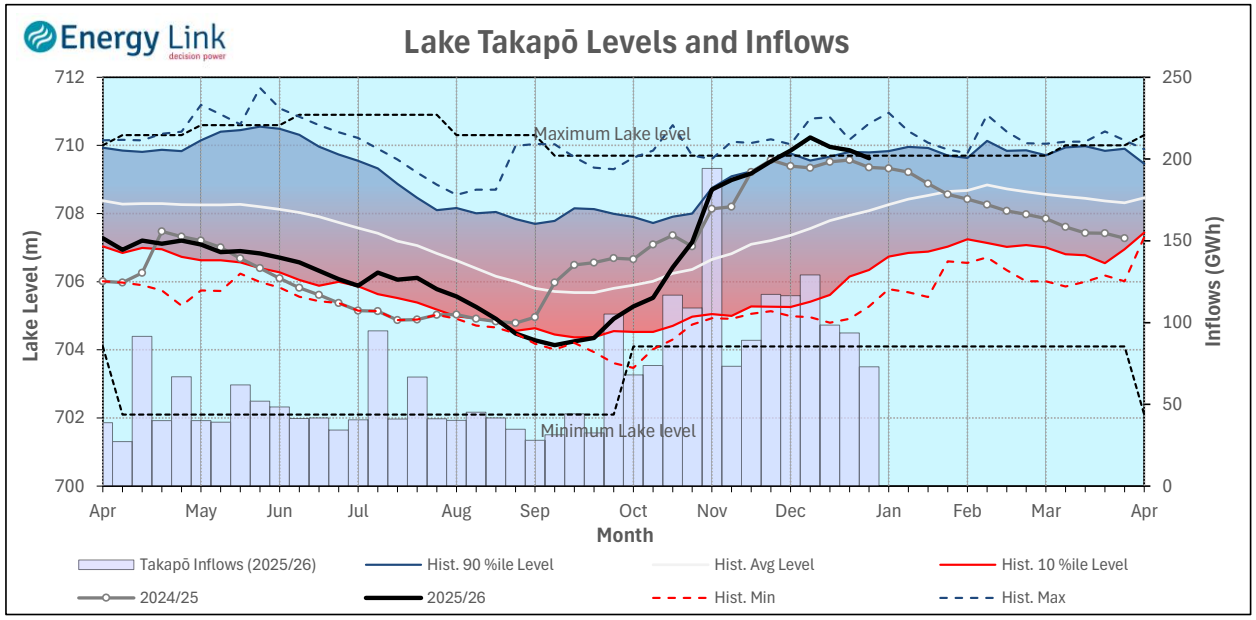


Lake Levels - Lake Taupō storage increased to 90.4% of nominal full at 516 GWh.

Inflows - Inflows increased 37.5% to 43 GWh.

Generation - Average generation decreased 38.7% to 226 MW.

Takapō



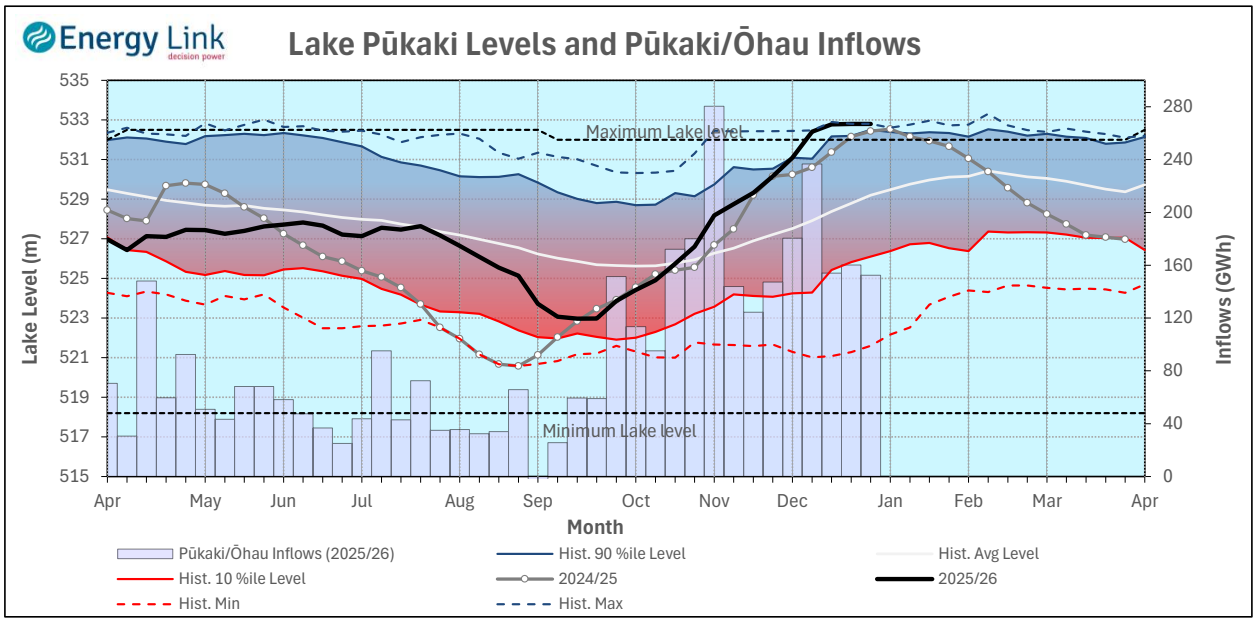
Lake Levels - Lake Takapō ended the week 105% nominally full with storage falling to 760 GWh.

Inflows - Inflows into Takapō decreased 22.1% to 73 GWh.

Generation - Average Takapō generation increased 2% to 179.2 MW.

Hydro Spill - Lake Takapō spill was 22.2 cumecs.

Waitaki System



Lake Levels - Lake Pūkaki ended the week 106% nominally full with storage remaining at 1,889 GWh.

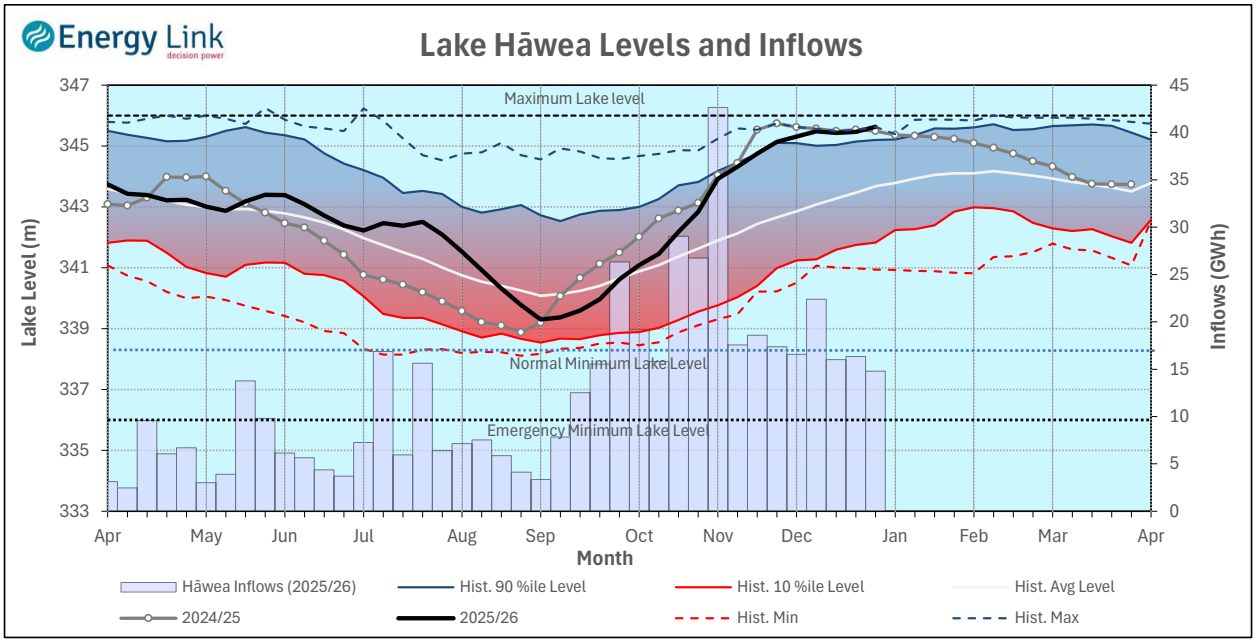
Inflows - Inflows into the Waitaki System decreased 4.8% to 152 GWh.

Generation - Average Waitaki generation decreased 15% to 1,003 MW.

Hydro Spill - Lake Pūkaki spill was 255 cumecs.

River Flows - Flows from the Ahuriri River fell to 30.9 cumecs while Waitaki River flows were lower than last week averaging 564.6 cumecs.

Clutha System



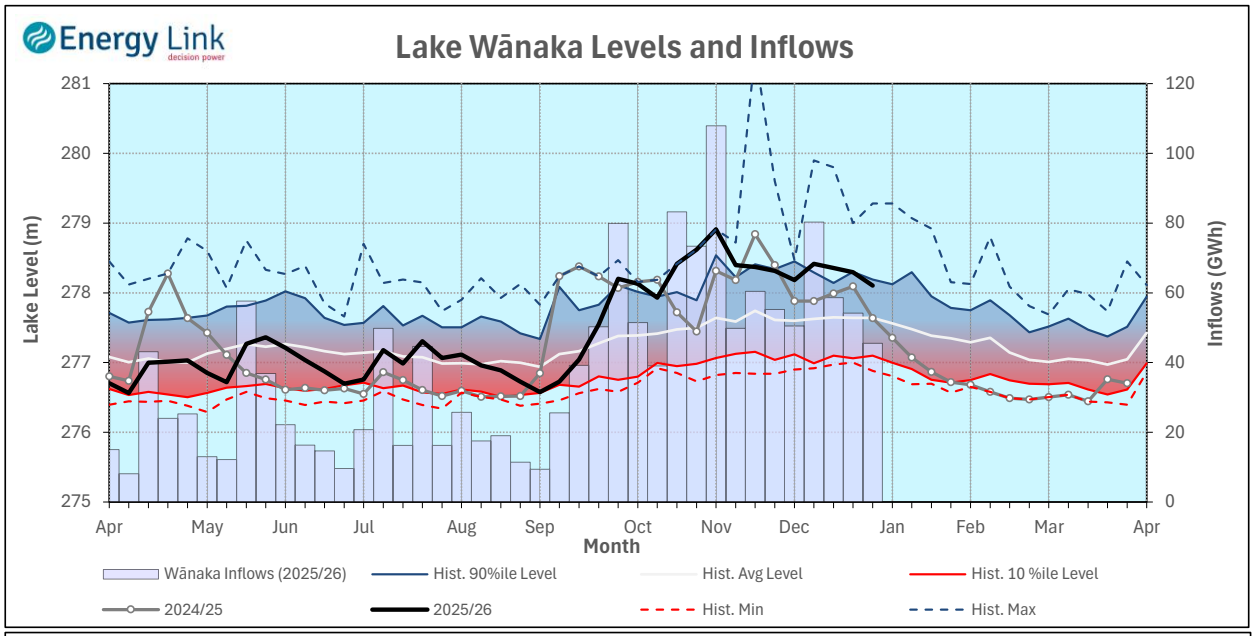
Lake Levels - Total storage for the Clutha System decreased 2.2% to 461 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 95.3%, 87.8% and 74.4% nominally full respectively.

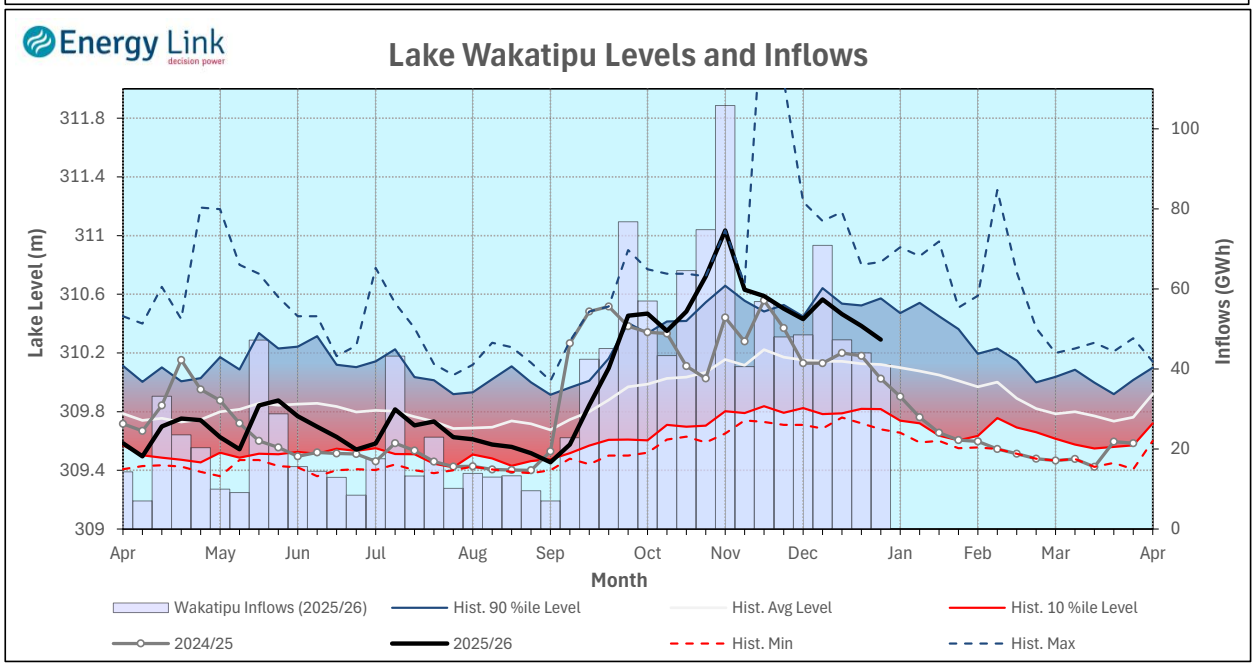
Inflows - Total Inflows into the Clutha System 11.5% lower at 101 GWh.

Generation - Average generation was 68.7% lower at 139 MW.

Hydro Spill - Estimate Spill is 602.2 cumecs.

River Flows - Total outflows from the lakes and Shotover River fell to 790.8 cumecs. This comprised of 54 cumecs from Lake Hāwea, 354 cumecs from Lake Wānaka, 308 cumecs from Lake Wakatipu and 75 cumecs from the Shotover River.





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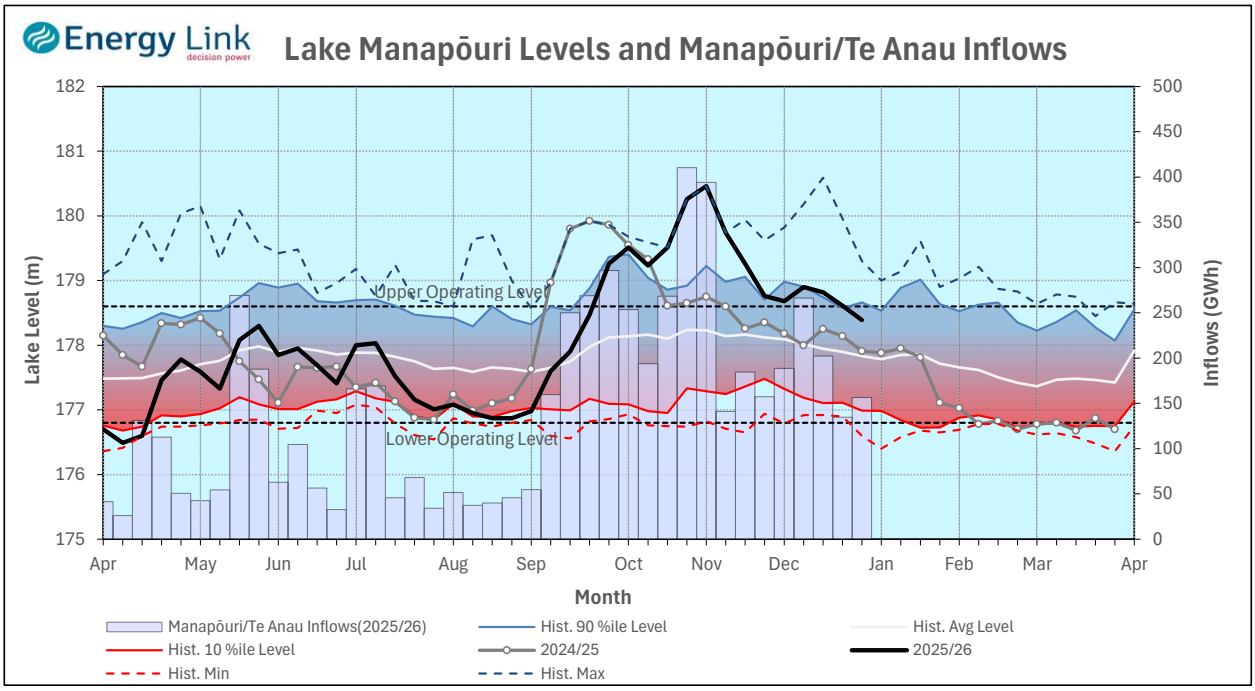
Manapōuri System



Lake Levels - Total storage for the Manapōuri System decreased 7.2% to 460 GWh with Lake Manapōuri ending the week 92.2% nominally full and Lake Te Anau ending the week 112.5% nominally full.

Inflows - Total inflows into the Manapōuri System increased 16.2% to 157 GWh.

Generation - Average generation was 12.8% higher at 743 MW.

Hydro Spill - Estimated spill at the Māraroa Weir was 278 cumecs.

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