HydroWatch

Thursday, 16 October 2025 **Issue: 1487**

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)	**1,513**	**826**	**2,339**	**553**		**2,892**
Storage Change (GWh)	224	63	288	64		351

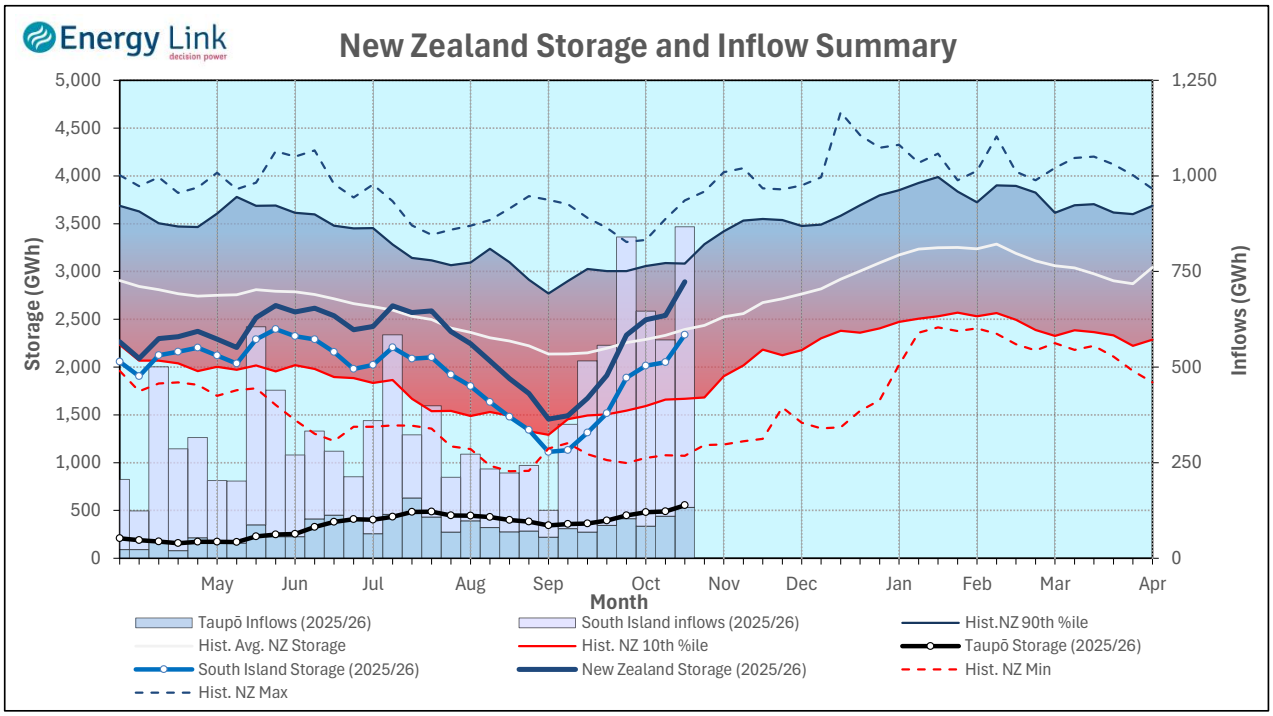
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island		New Zealand
Current Storage (GWh)	**2,129**	**553**		**2,683**

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 351 GWh over the last week. South Island controlled storage increased 17.4% to 1,513 GWh; South Island uncontrolled storage increased 8% to 826 GWh; with Taupō storage increasing 13% to 553 GWh.



Thursday, 16 October 2025	Manapōuri	Clutha	Waitaki	Waikato		NZ
Storage (GWh)						
This Week	**617**	**361**	**1,361**	**553**		**2,892**
Last Week	588	300	1,163	490		2,541
% Change	4.9%	20.4%	17.0%	13.0%		13.8%
Inflow (GWh)						
This Week	**268**	**177**	**289**	**133**		**867**
Last Week	194	98	169	110		571
% Change	38.4%	80.1%	70.9%	21.3%		51.9%

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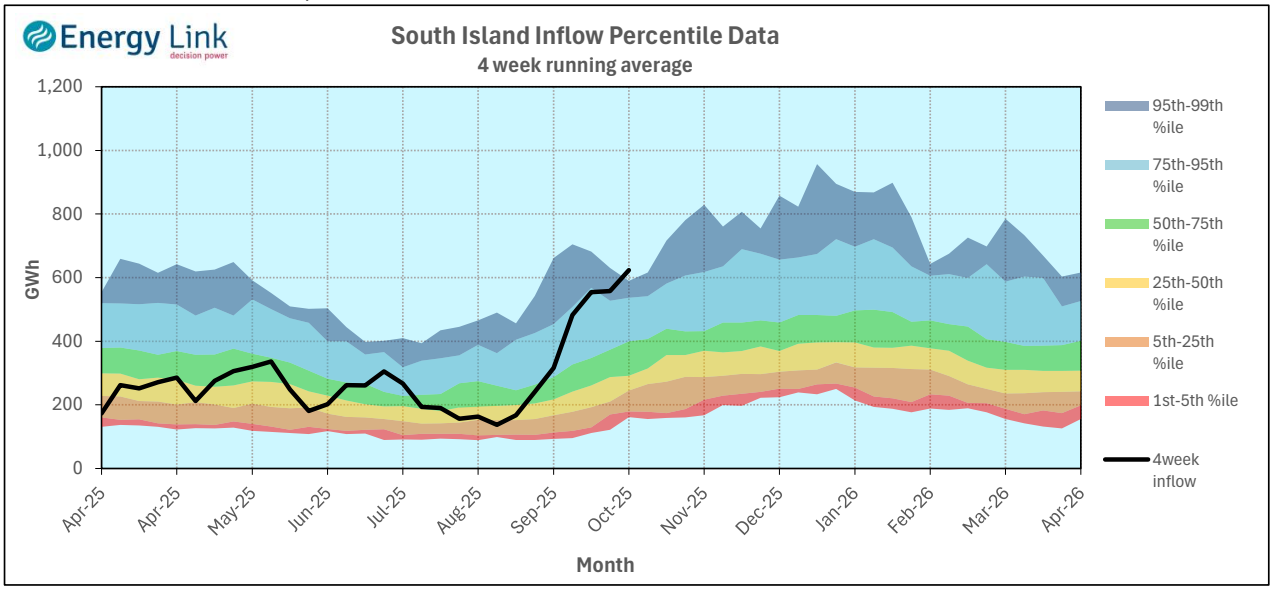
Lake Levels and Outflows

Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumecs)	Outflow Change
Manapōuri	Manapōuri	179.51	217	489	23
	Te Anau	203.53	399		
Clutha	Wakatipu	310.48	93	350	15
	Wānaka	278.42	116	378	64
	Hāwea	342.18	152	14	0
Waitaki	Takapō	706.42	420		
	Pūkaki	525.74	941		
Waikato	Taupō	357.21	553		

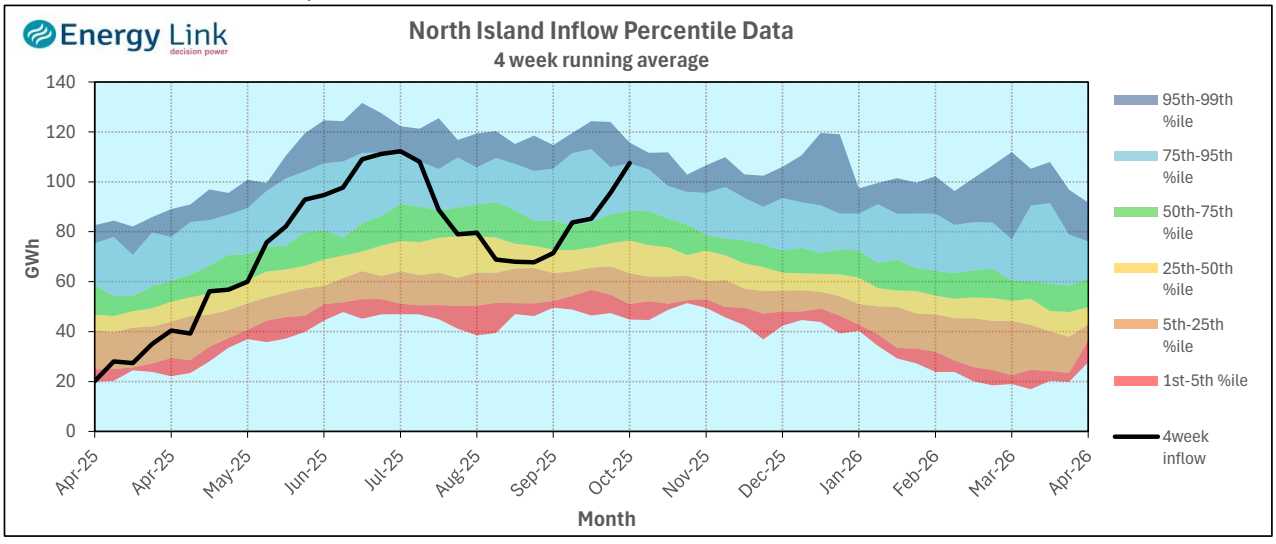
Inflow Summary

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.

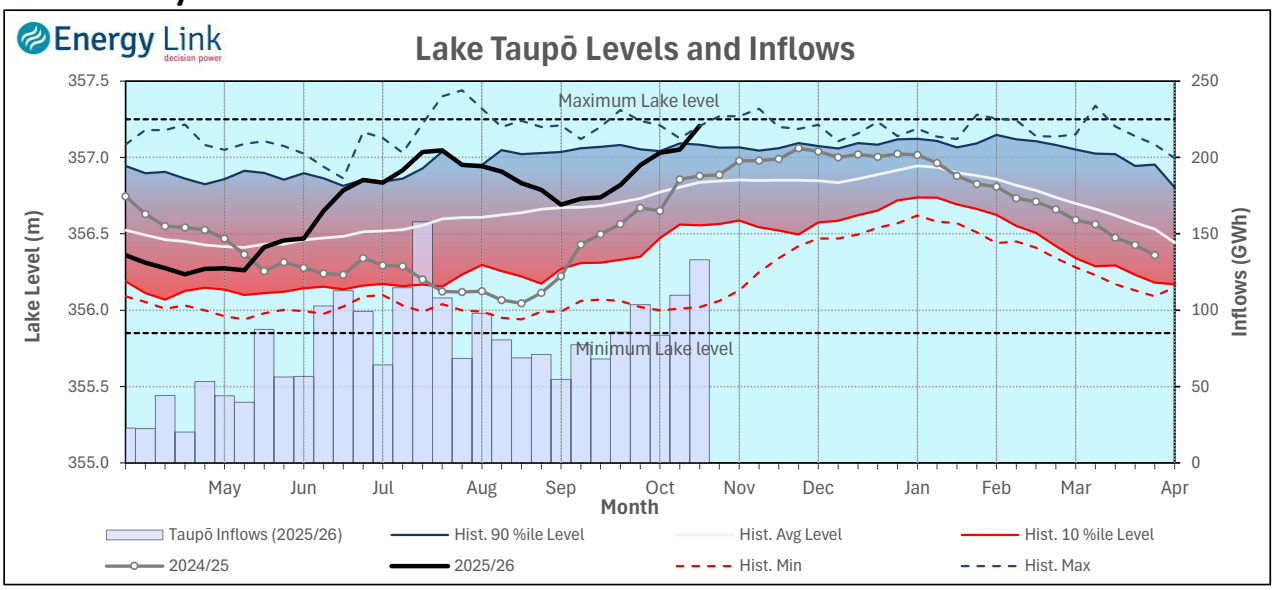
South Island Inflows - The past four weeks of S. I. inflows rank as the wettest on record.



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



Waikato System

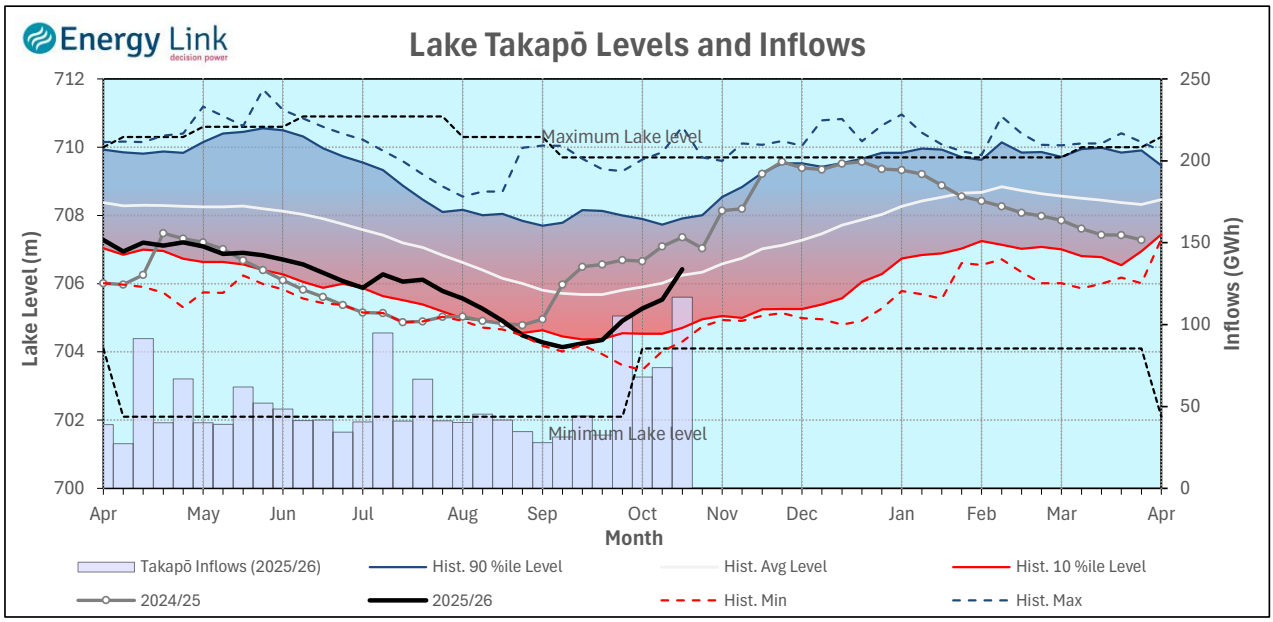


Lake Levels - Lake Taupō storage increased to 96.9% of nominal full at 553 GWh.

Inflows - Inflows increased 21.3% to 133 GWh.

Generation - Average generation decreased 25.6% to 475.4 MW.

Takapō



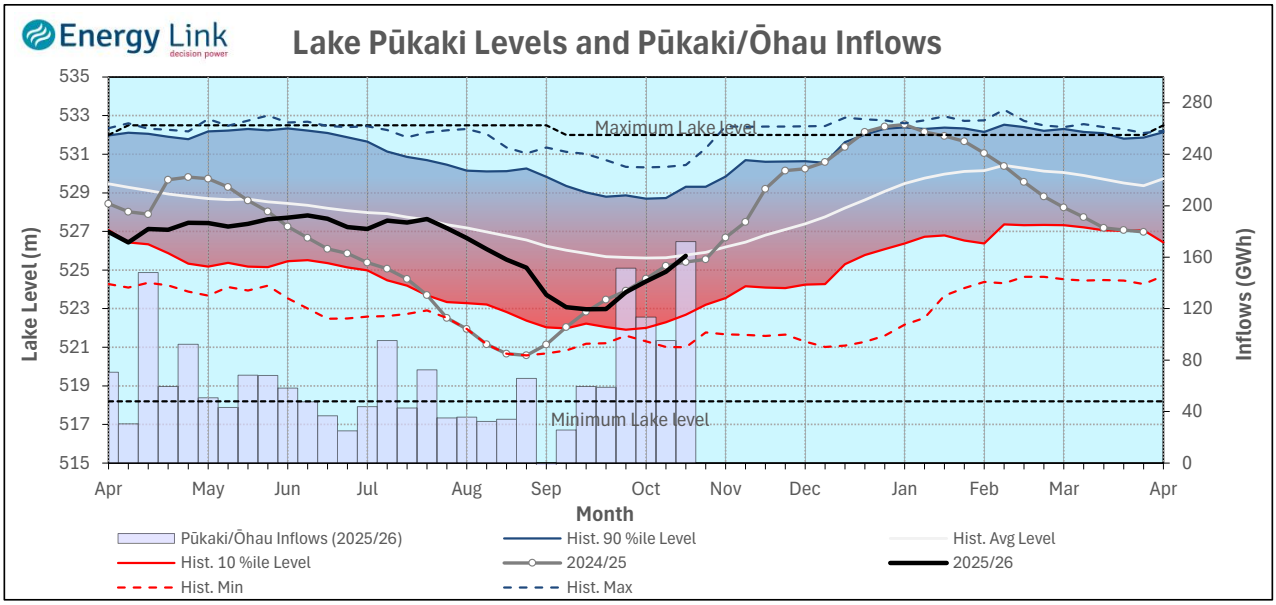
Lake Levels - Lake Takapō ended the week 58% nominally full with storage increasing to 420 GWh.

Inflows - Inflows into Takapō increased 58.4% to 117 GWh.

Generation - Average Takapō generation decreased 44.1% to 56 MW.

Hydro Spill - Lake Takapō did not spill.

Waitaki System



Lake Levels - Lake Pūkaki ended the week 53% nominally full with storage increasing to 941 GWh.

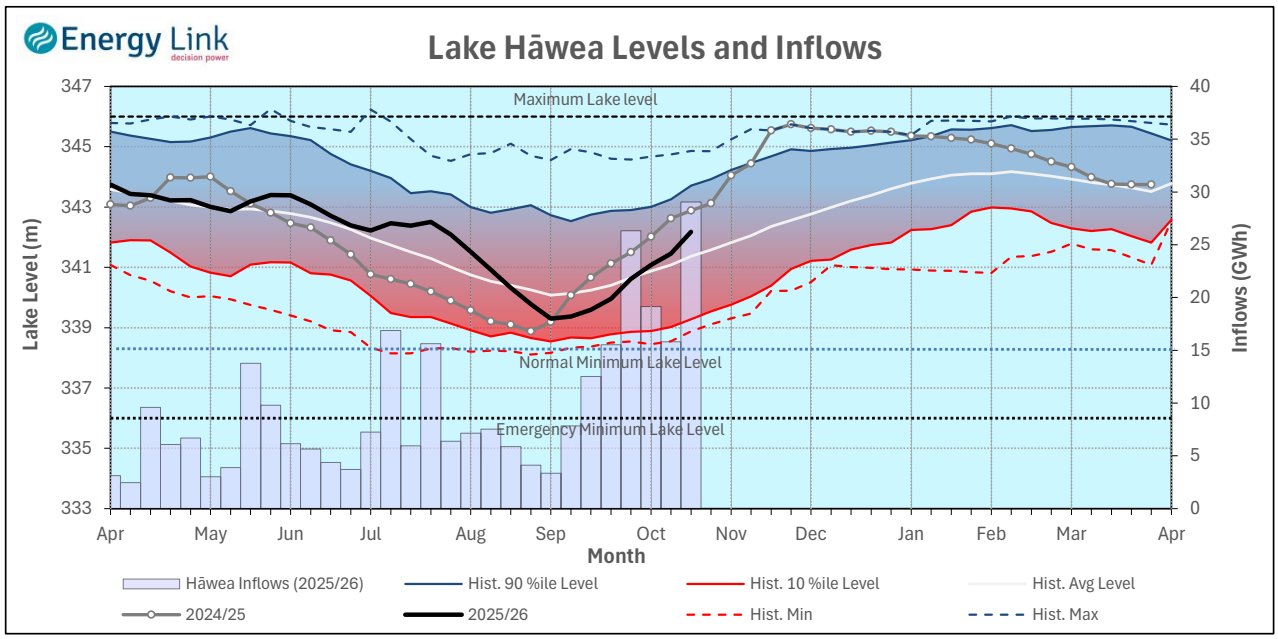
Inflows - Inflows into the Waitaki System increased 80.6% to 172 GWh.

Generation - Average Waitaki generation increased 32.5% to 700 MW.

Hydro Spill - Lake Pūkaki did not spill.

River Flows - Flows from the Ahuriri River increased to 77.7 cumecs while Waitaki River flows were higher than last week averaging 342.4 cumecs.

Clutha System



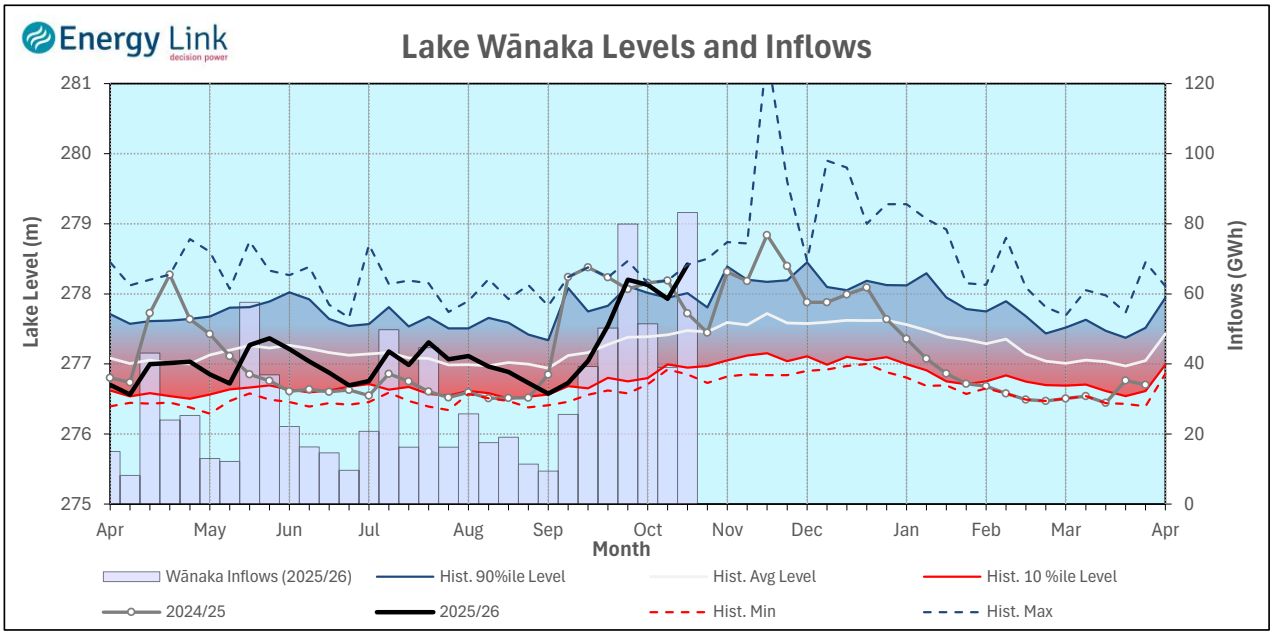
Lake Levels - Total storage for the Clutha System increased by 20.4% to 361 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 51.4%, 101.5% and 88.1% nominally full respectively.

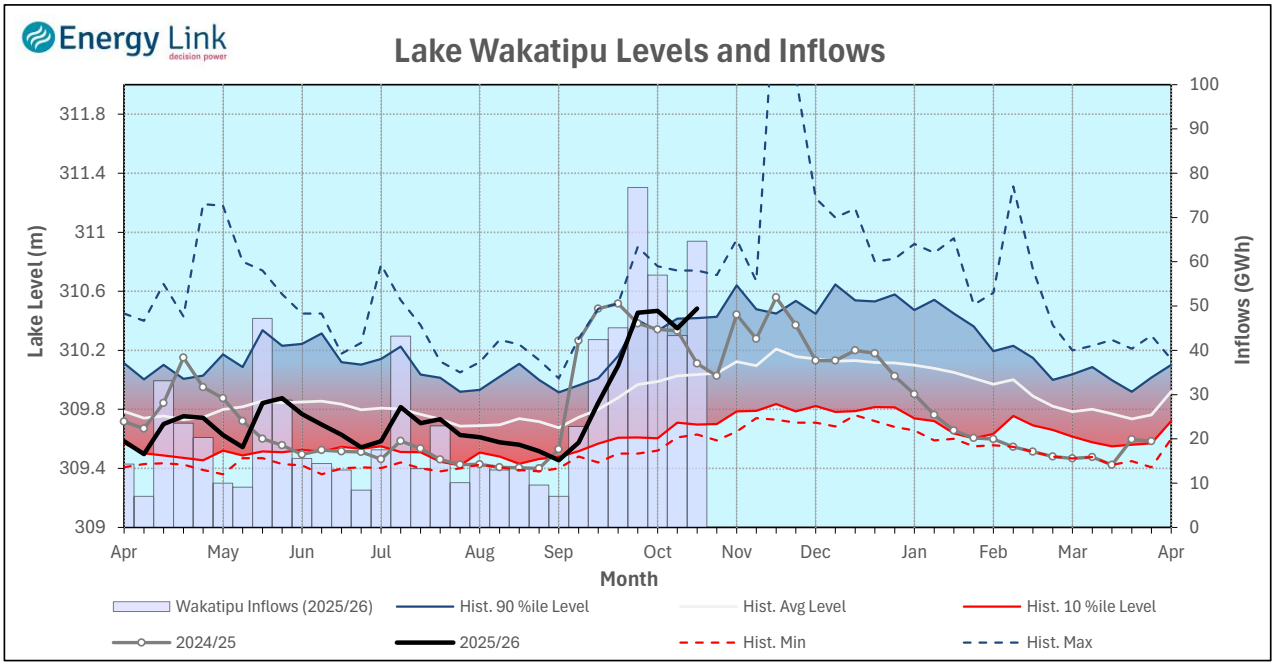
Inflows - Total Inflows into the Clutha System 80.1% higher at 177 GWh.

Generation - Average generation was 24.5% lower at 463 MW.

Hydro Spill - Estimate Spill is 348.6 cumecs.

River Flows - Total outflows from the lakes and Shotover River increased to 862.1 cumecs. This comprised of 14 cumecs from Lake Hāwea, 378 cumecs from Lake Wānaka, 350 cumecs from Lake Wakatipu and 120 cumecs from the Shotover River.





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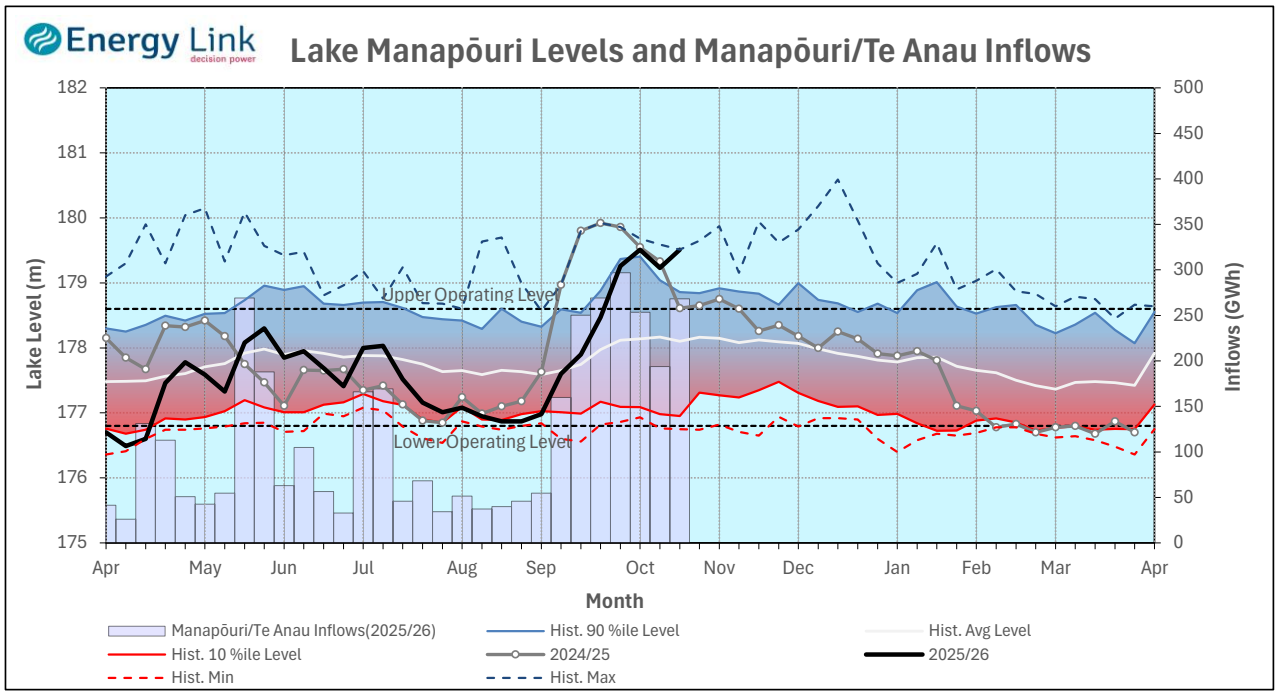
Manapōuri System



Lake Levels - Total storage for the Manapōuri System increased by 4.9% to 617 GWh with Lake Manapōuri ending the week 133.8% nominally full and Lake Te Anau ending the week 145.1% nominally full.

Inflows - Total inflows into the Manapōuri System increased 38.4% to 268 GWh.

Generation - Average generation was 5.7% lower at 699 MW.

Hydro Spill - Estimated spill at the Māraroa Weir was 488.9 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'.