

# HydroWatch

**Thursday, 9 October 2025**
**Issue: 1486**
*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)	1,288	763	2,051	490	2,541
Storage Change (GWh)	103	-66	37	9	45

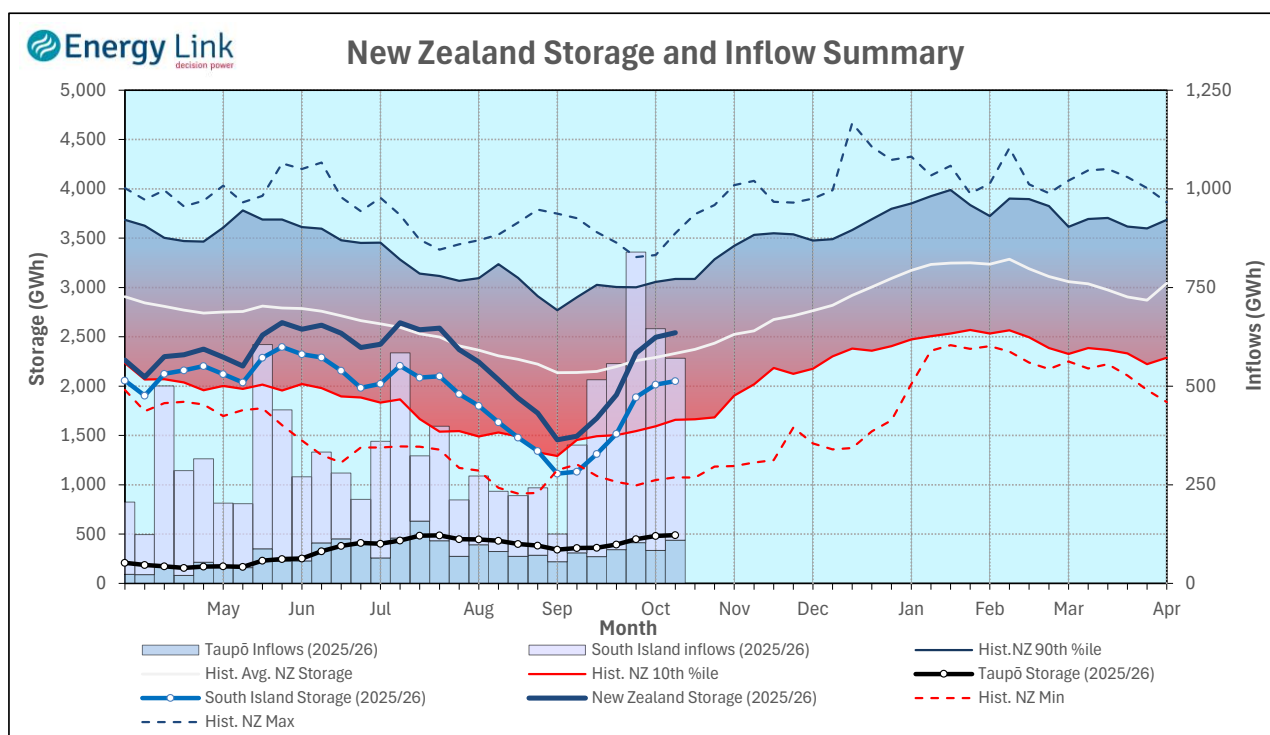
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island	New Zealand
Current Storage (GWh)	1,876	490	2,366

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 45 GWh over the last week. South Island controlled storage increased 8.6% to 1,288 GWh; South Island uncontrolled storage decreased 8% to 763 GWh; with Taupō storage increasing 1.8% to 490 GWh.



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Storage (GWh)	Manapōuri	Clutha	Waitaki	Waikato	NZ
<b>This Week</b>	588	300	1,163	490	2,541
Last Week	635	305	1,075	481	2,496
% Change	-7.4%	-1.7%	8.3%	1.8%	1.8%
Inflow (GWh)	Manapōuri	Clutha	Waitaki	Waikato	NZ
<b>This Week</b>	194	98	169	110	571
Last Week	254	128	181	84	646
% Change	-23.5%	-23.0%	-6.8%	31.4%	-11.6%

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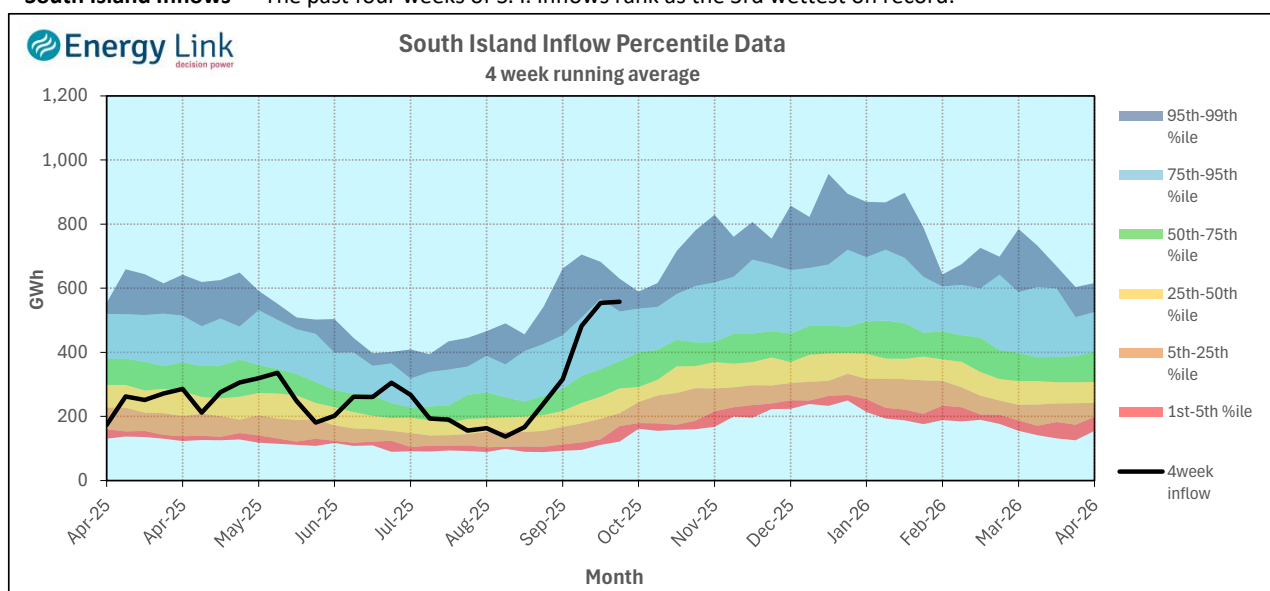
## Lake Levels and Outflows

Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumecs)	Outflow Change
Manapōuri	Manapōuri	179.23	200	466	-46
	Te Anau	203.45	387		
Clutha	Wakatipu	310.35	83	335	-23
	Wānaka	277.93	92	314	-39
	Hāwea	341.45	125	14	0
Waitaki	Takapō	705.53	330		
	Pūkaki	524.91	834		
Waikato	Taupō	357.05	490		

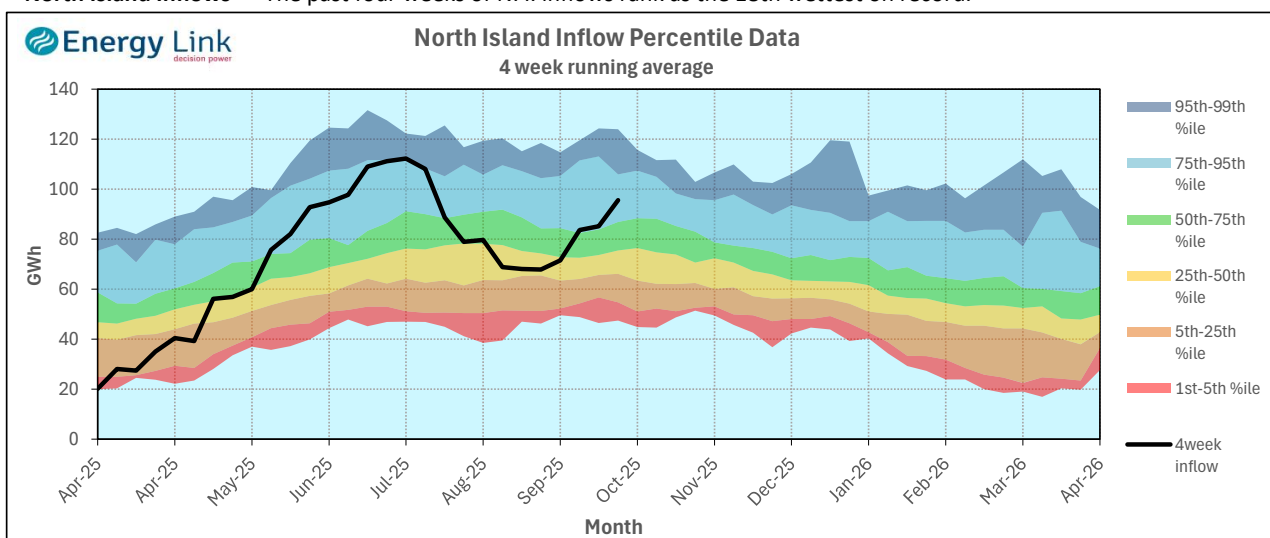
## Inflow Summary

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.

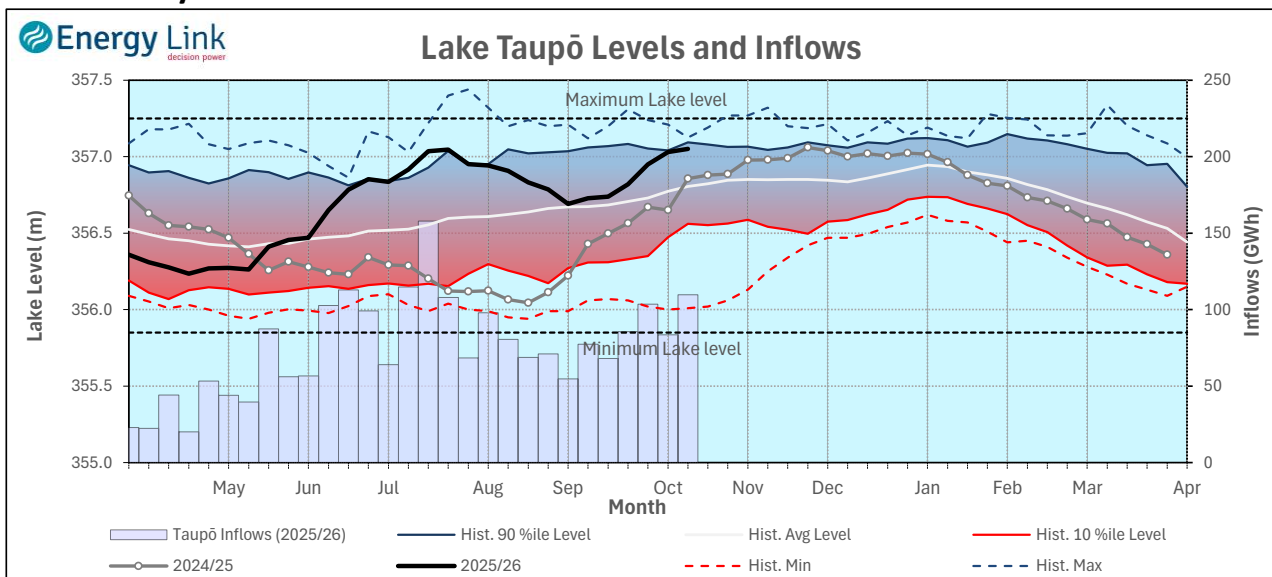
**South Island Inflows -** The past four weeks of S. I. inflows rank as the 3rd wettest on record.



**North Island Inflows -** The past four weeks of N. I. inflows rank as the 18th wettest on record.



## Waikato System

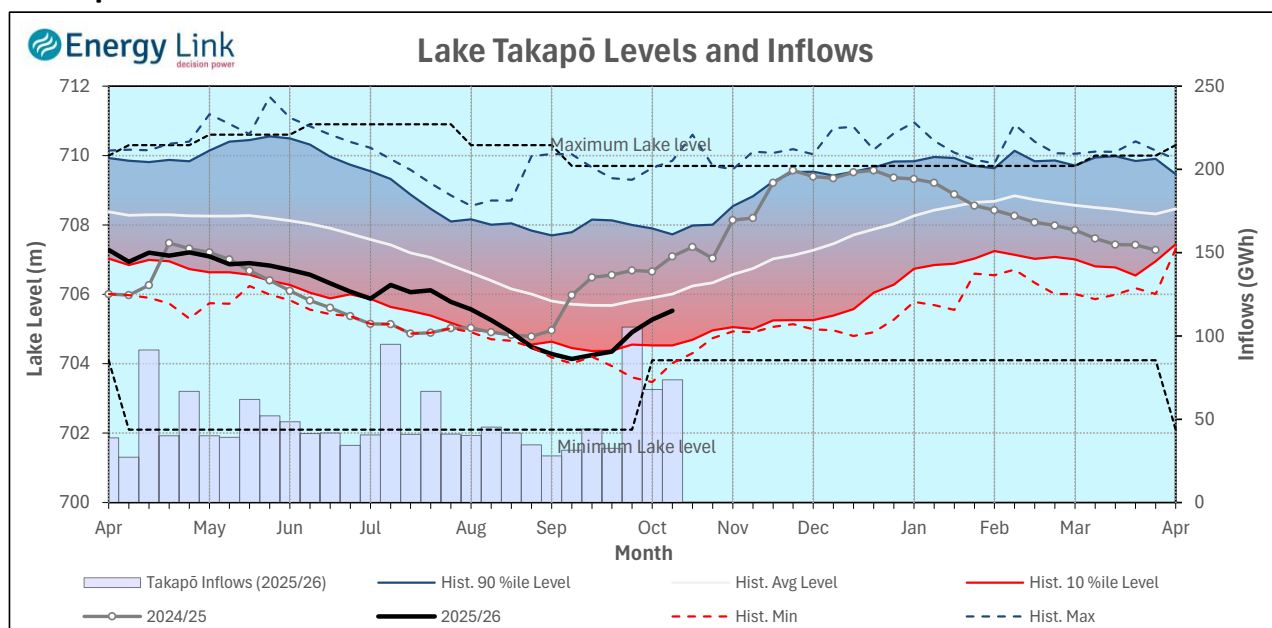


**Lake Levels** - Lake Taupō storage increased to 85.8% of nominal full at 490 GWh.

**Inflows** - Inflows increased 31.4% to 110 GWh.

**Generation** - Average generation increased 62.3% to 638.9 MW.

## Takapō



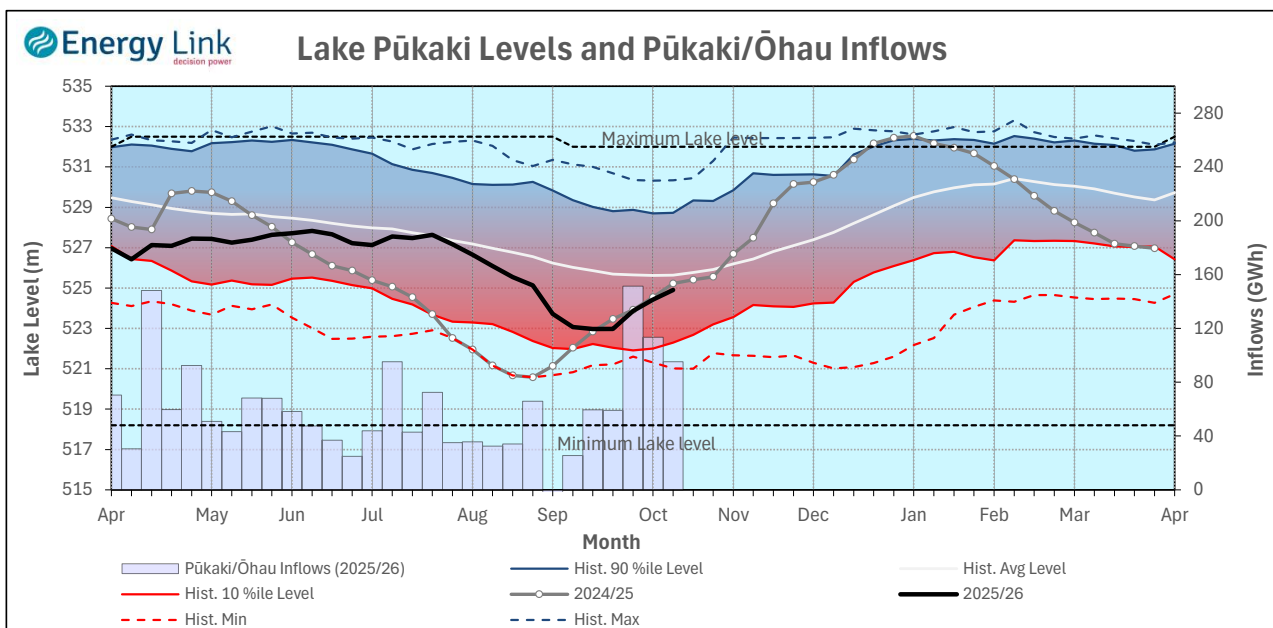
**Lake Levels** - Lake Takapō ended the week 46% nominally full with storage increasing to 330 GWh.

**Inflows** - Inflows into Takapō increased 8.6% to 74 GWh.

**Generation** - Average Takapō generation increased 50.1% to 100.2 MW.

**Hydro Spill** - Lake Takapō did not spill.

## Waitaki System



**Lake Levels** - Lake Pūkaki ended the week 47% nominally full with storage increasing to 834 GWh.

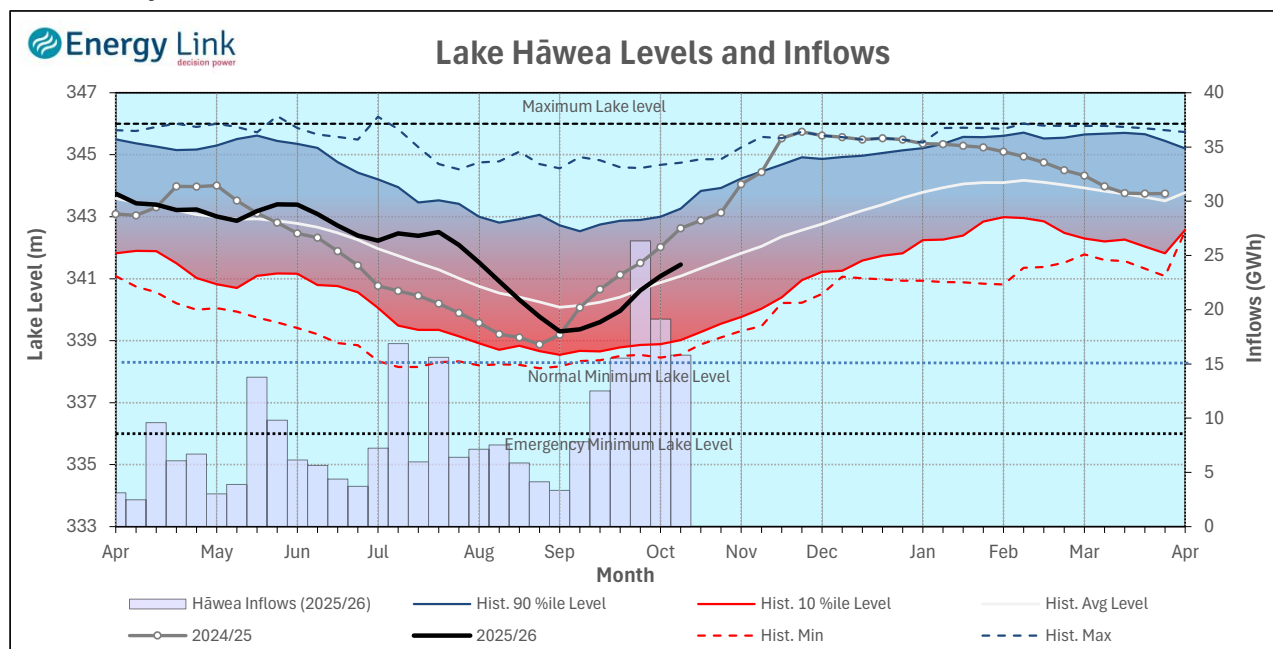
**Inflows** - Inflows into the Waitaki System decreased 16% to 95 GWh.

**Generation** - Average Waitaki generation decreased 0.6% to 529 MW.

**Hydro Spill** - Lake Pūkaki did not spill.

**River Flows** - Flows from the Ahuriri River fell to 47.2 cumecs while Waitaki River flows were higher than last week averaging 261.3 cumecs.

## Clutha System



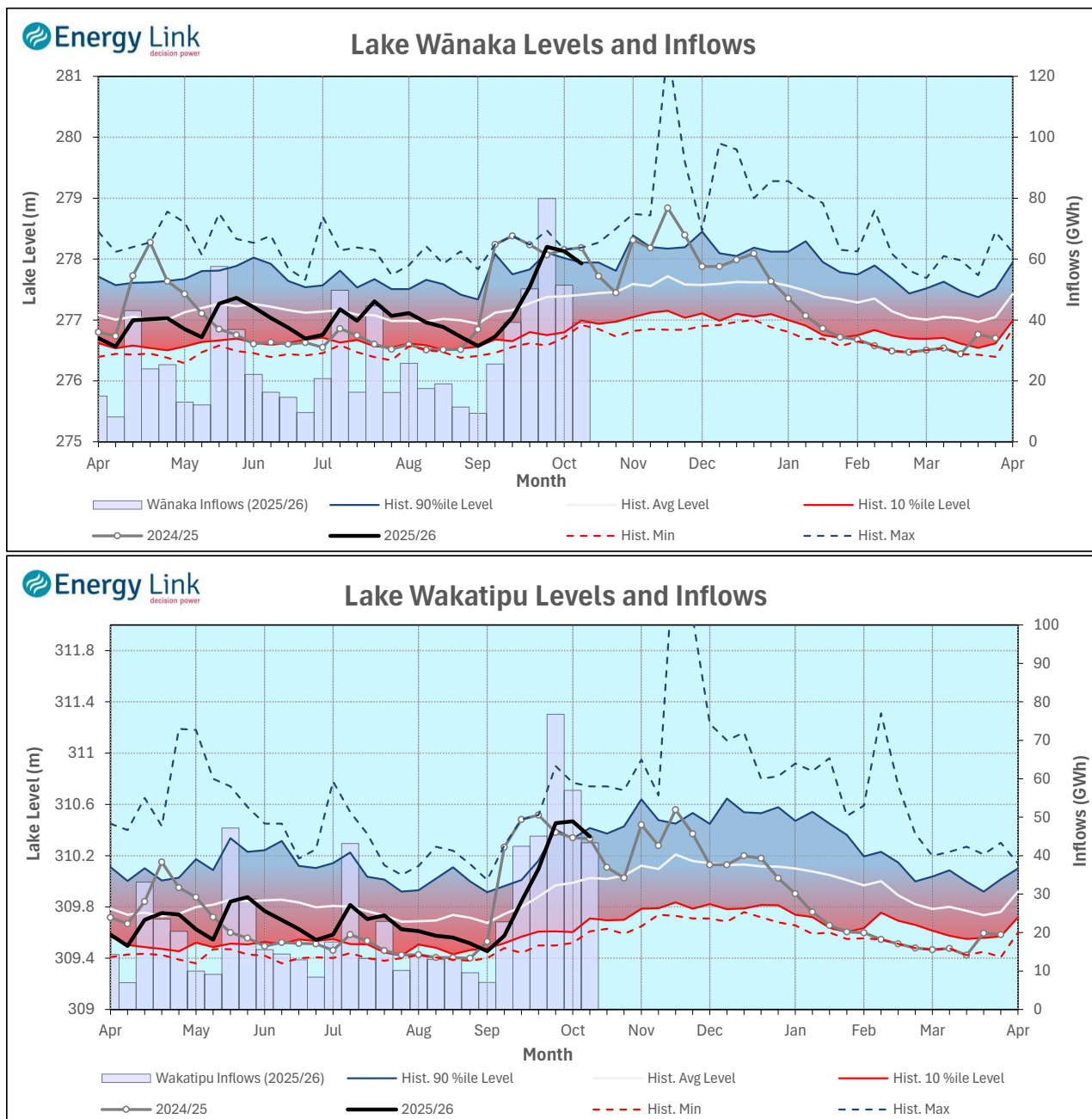
**Lake Levels** - Total storage for the Clutha System decreased 1.7% to 300 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 42.3%, 80.3% and 78.5% nominally full respectively.

**Inflows** - Total Inflows into the Clutha System 23% lower at 98 GWh.

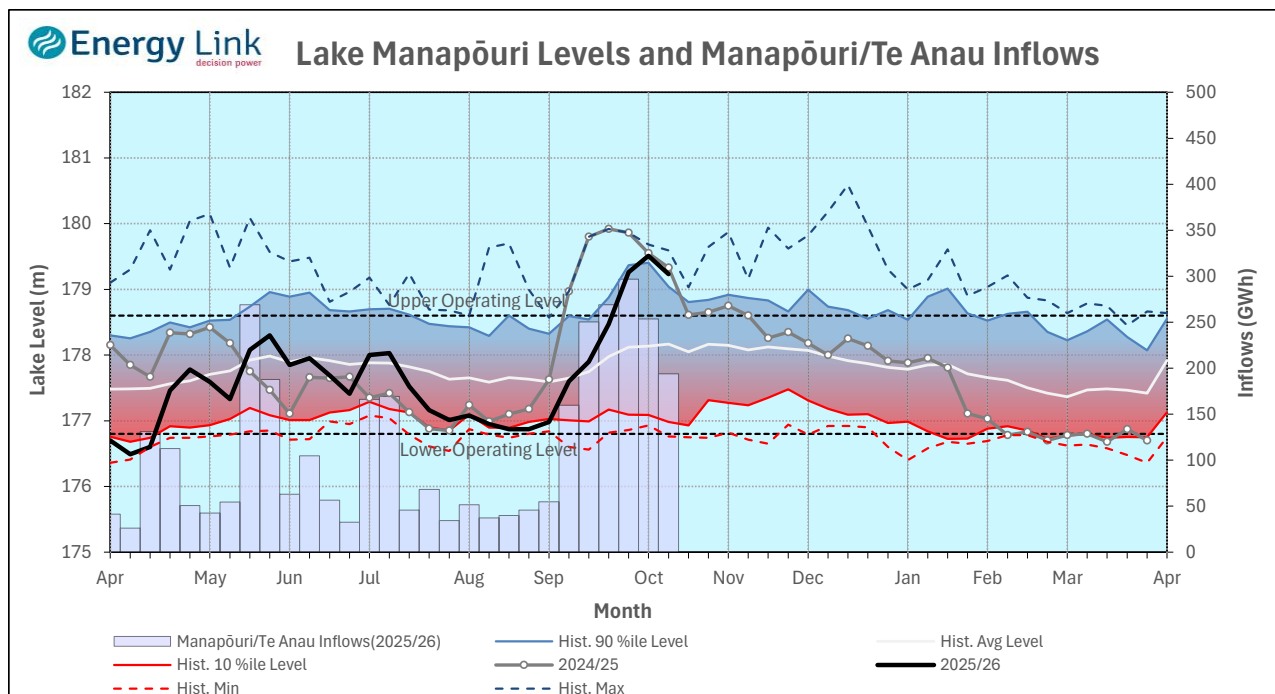
**Generation** - Average generation was 17% higher at 614 MW.

**Hydro Spill** - Estimate Spill is 93.2 cumecs.

**River Flows** - Total outflows from the lakes and Shotover River fell to 757.4 cumecs. This comprised of 14 cumecs from Lake Hāwea, 314 cumecs from Lake Wānaka, 335 cumecs from Lake Wakatipu and 94 cumecs from the Shotover River.



## Manapōuri System



**Lake Levels** - Total storage for the Manapōuri System decreased 7.4% to 588 GWh with Lake Manapōuri ending the week 123.3% nominally full and Lake Te Anau ending the week 140.8% nominally full.

**Inflows** - Total inflows into the Manapōuri System decreased 23.5% to 194 GWh.

**Generation** - Average generation was 4.2% higher at 741 MW.

**Hydro Spill** - Estimated spill at the Māraroa Weir was 466.2 cumecs.

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

