



MANAWA ENERGY

Quarterly Operating Report

Q3 FY25

October 2024 – December 2024

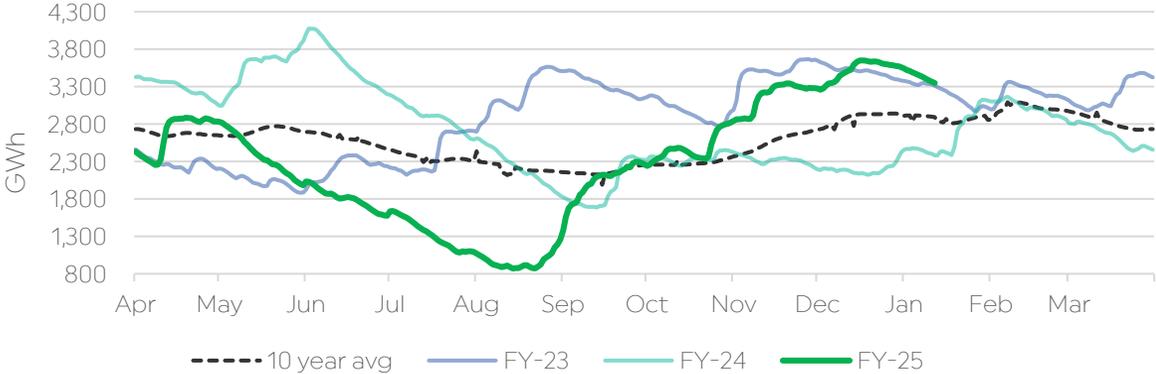


Quarterly Insights

- Wholesale spot prices were materially lower across the period – with Benmore averaging \$32/MWh and Otahuhu averaging \$43/MWh. This was driven by elevated national hydro storage levels, reduced demand (largely due to NZAS demand response), low gas prices, and reduced levels of thermal production.
- National controlled hydro storage remained strong across the quarter, moving from 99% to 121% of average during the period.
- Near-term quarterly OTA ASX products all fell across the period, with calendar Q1 and Q2 for 2025 falling by \$62/MWh and \$69/MWh respectively. The OTA CY25 strip product fell across the quarter by \$50/MWh (23%) to \$169/MWh, whilst CY26 and CY27 products rose 7% and 6% respectively. Early trading in January has since seen all annual strip products rise.
- Manawa hydro production volumes for the period of 397GWh were 16% lower than the pcp and 18% lower than expected normal volumes. This was largely due to lower North Island run-of-river inflows into Manawa schemes, and management of the recovery of South Island lake levels whilst wholesale prices were low. This was evidenced by the captured price (GWAP/TWAP) across the period which was 1.37 for the South Island.
- Wind production volumes (that Manawa purchases via PPA) were 164GWh across the quarter, 10% lower than the pcp and 6% lower than long-run average.
- Sales under the Mercury hedge agreement were 392GWh, 12.5% lower than the pcp, as the first tranche of volume rolled off from 1st October 2024.
- C&I spot sales reduced significantly from August 2024 due to the termination of the contract with an electricity retailer (where Manawa acted as a wholesale intermediary) that was previously reported in this segment. This retailer defaulted on its payment obligations and Manawa subsequently terminated the electricity supply and services agreement.
- During the period:
 - significant dam safety works were completed at Manawa's Arnold scheme (West Coast);
 - works commenced on the second replacement turbine at Matahina (Bay of Plenty) with expected completion mid-2025, following the successful commissioning of the first turbine replacement in 2024; and
 - scheme outage at Highbank commenced for a full unit replacement
- In late December, the Commerce Commission announced an extension of time (from 24th December 2024 to 31st March 2025) to make a decision on the potential acquisition of Manawa Energy by Contact Energy via a Scheme of Arrangement.

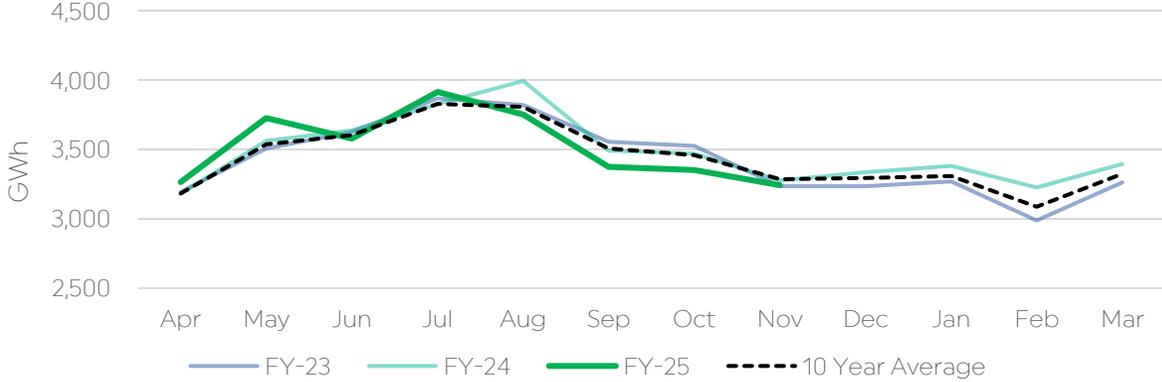
Wholesale Electricity Market

National Controlled Storage

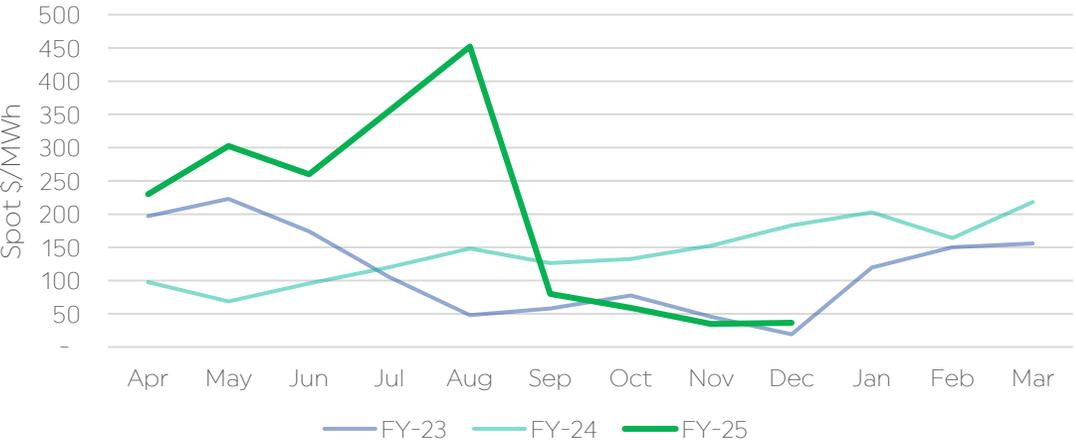


SOURCE: NZX Hydro

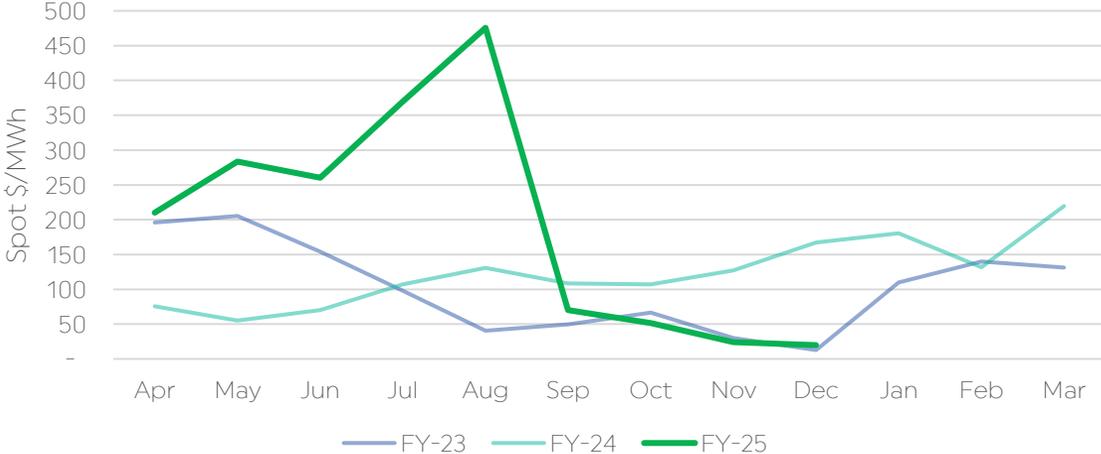
National Demand



Otago Average Monthly Price

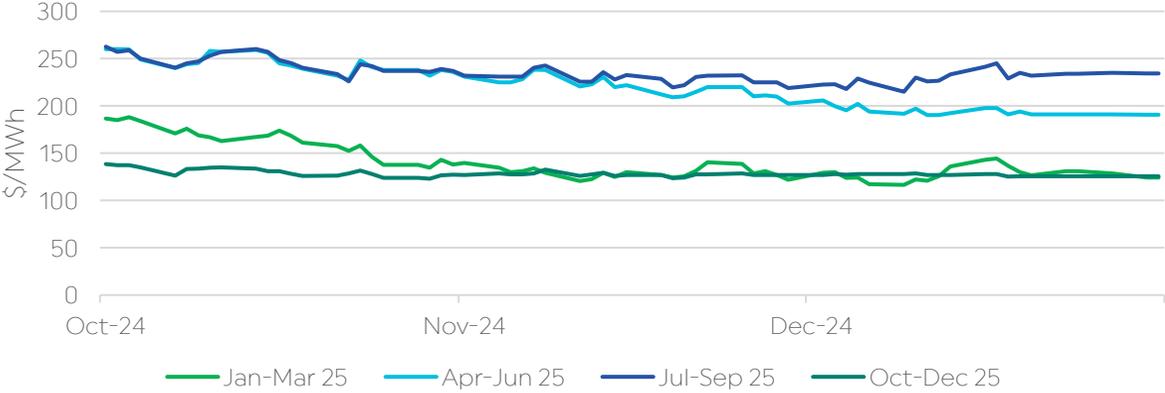


Benmore Average Monthly Price

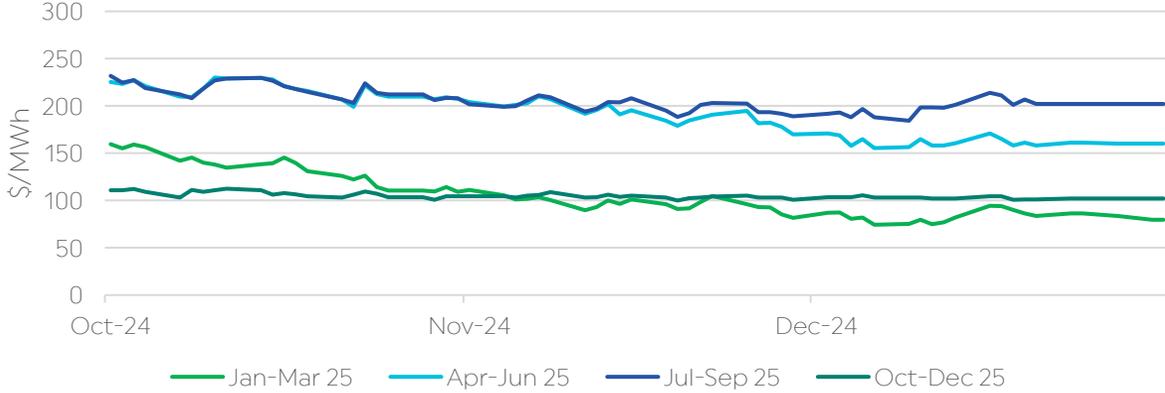


ASX Futures Market

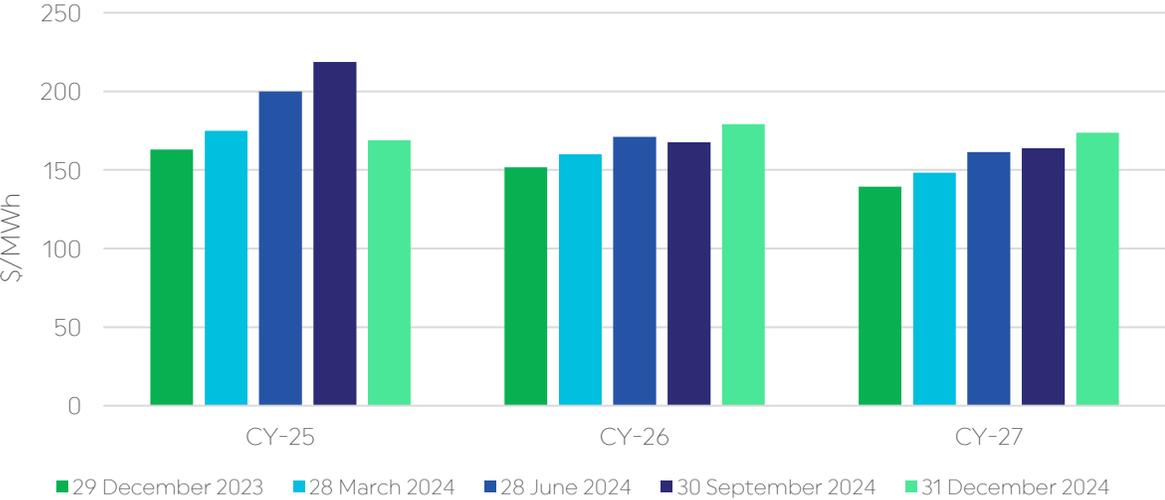
Otahuhu near-term ASX quarterly futures



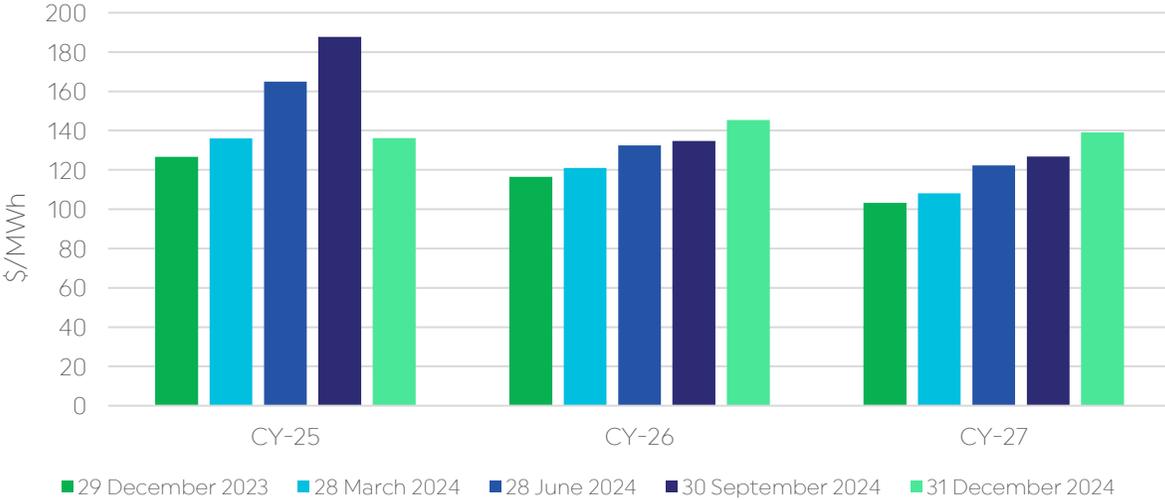
Benmore near-term ASX quarterly futures



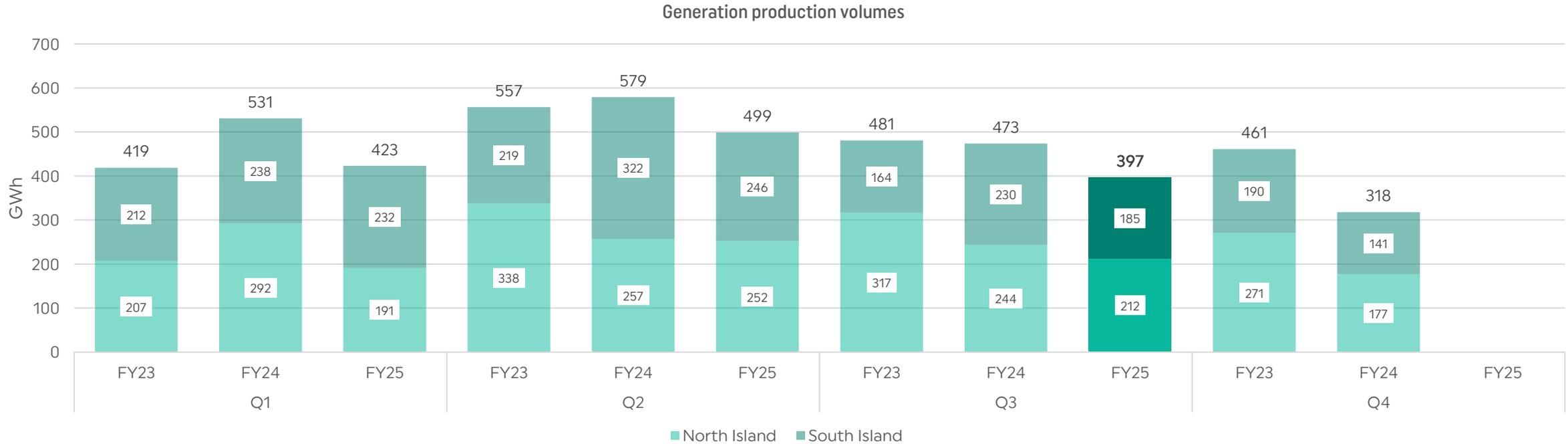
Otahuhu ASX Strip Futures Settlement Prices



Benmore ASX Strip Futures Settlement Prices



Generation



Q3 FY25

NI Generation ↓13% vs pcp
SI Generation ↓20% vs pcp

GWAP/TWAP

NI **1.12**
SI **1.37**

YTD FY25

NI Generation ↓17% vs pcp
SI Generation ↓16% vs pcp

GWAP/TWAP

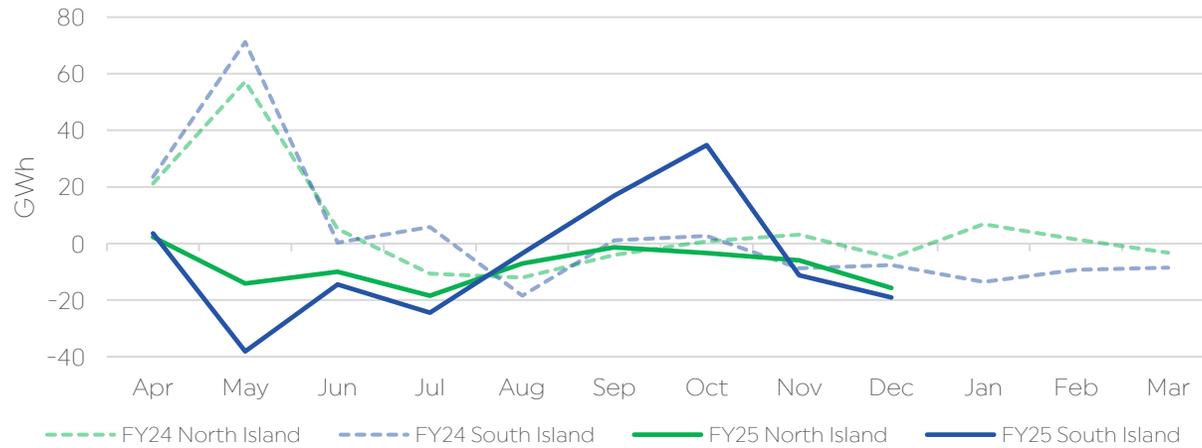
NI **1.01**
SI **1.26**

Generation Weighted Average Price (GWAP)

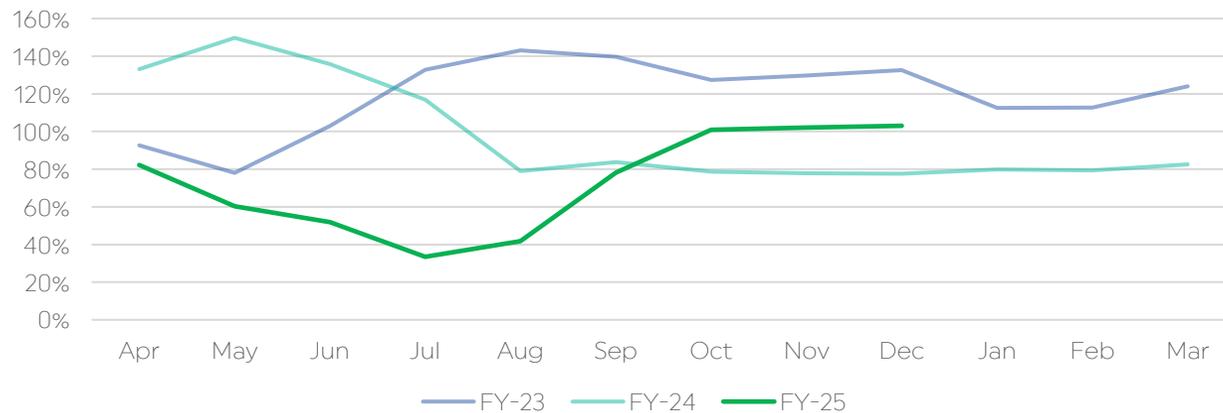
	Q3		YTD	
	FY25	FY24	FY25	FY24
North Island	49	147	205	119
South Island	44	139	249	118
NZ	46	143	227	119

Generation

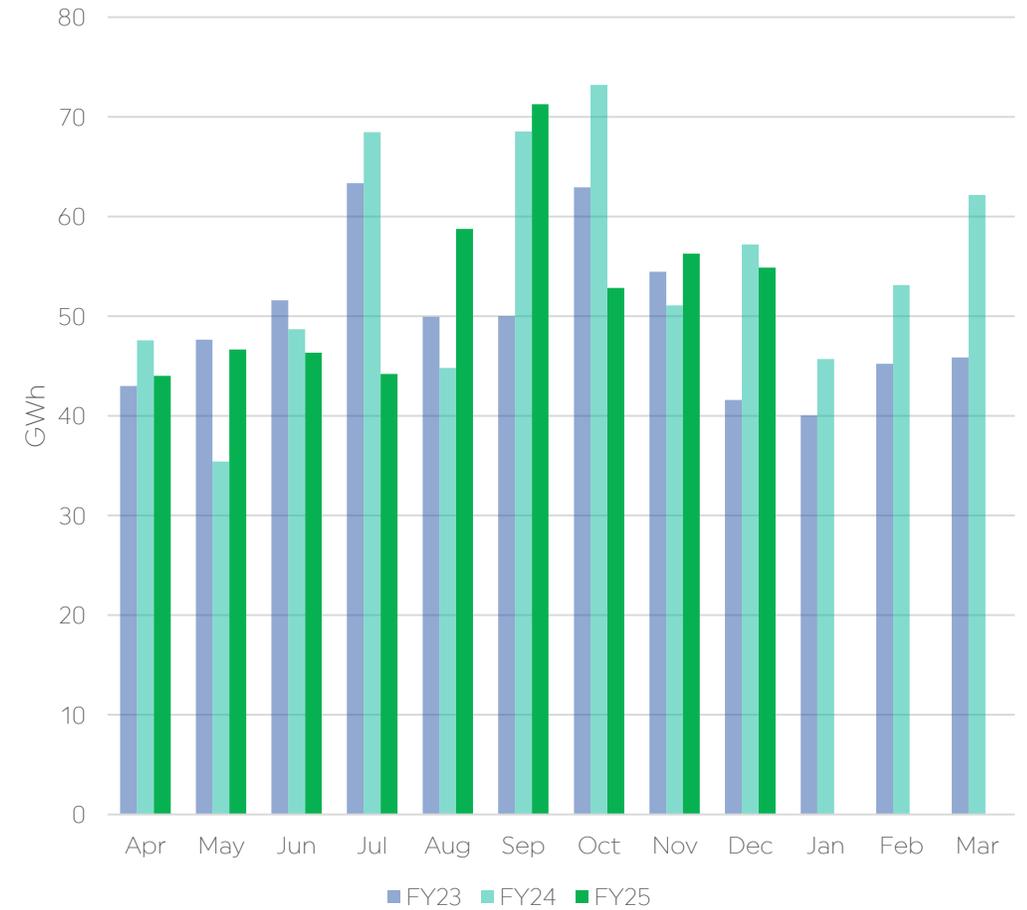
Inflow variance to long-run average (incl. spill)



Manawa Lake Levels - % of long-run average



Wind PPA Volumes

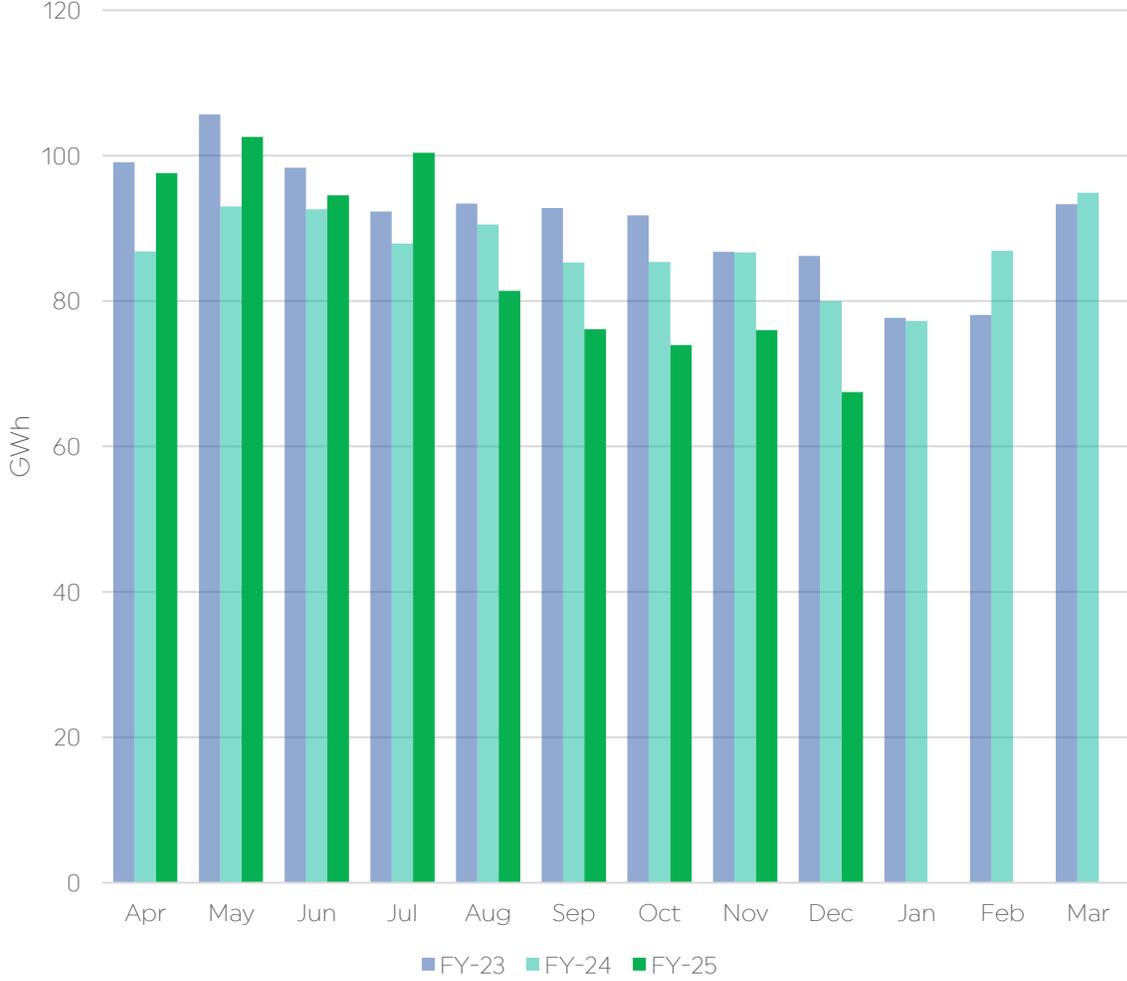


Portfolio

Portfolio balance



C&I Customer Volumes



Operating statistics

Component	FY25						FY24								
	Q3			YTD			Q3			YTD			Full year		
	VOL	GWAP/ Netback	LWAP/ Cost												
	<i>GWh</i>	<i>\$/MWh</i>	<i>\$/MWh</i>												
North Island production	212	49	-	656	205	-	244	147	-	794	119	-	970	132	-
South Island production	185	44	-	663	249	-	230	139	-	790	118	-	931	131	-
PPA buys	213	28	64	625	163	84	231	130	55	646	104	72	852	118	71
Wind	164			475			181			495			656		
Other	49			150			50			151			196		
Other buys	731	37	117	1,797	180	152	393	149	114	1,053	118	137	1,460	137	138
External sells	(1,205)	104	39	(3,257)	119	196	(874)	104	147	(2,617)	110	119	(3,348)	111	135
MCYCFD	(392)			(1,538)			(448)			(1,592)			(2,003)		
Other	(813)			(1,719)			(427)			(1,025)			(1,346)		
C&I FPV sell	(90)	132	45	(287)	163	216	(91)	129	151	(293)	149	122	(383)	146	138
C&I Spot sell	(42)			(397)			(161)			(495)			(664)		
Other Information															
Resource consent non-compliance events [^]		2			7			3			11			17	
Recordable Injuries*		2			2			4			6			8	
Staff numbers (FTE)		214			214			231			231			224	

[^] Events are recorded only when they have been confirmed as non-compliance events by the relevant regulatory authority. The number of historically reported non-compliance events are subject to change given timings in confirmation of non-compliance.

* Including contractor injuries

Glossary

Term	Definition
ASX	Electricity futures market
BEN	Benmore reference pricing node
C&I	Commercial and Industrial customers
FPVV	Fixed Price Variable Volume
FTE	Full Time Equivalent
FY	Financial Year ending 31 March
GWAP	Generation Weighted Average Price – Average revenue per unit of generation.
GWh	Gigawatt hour(s) – unit of energy
KCE	King Country Energy
LY	Last year
LWAP	Load Weighted Average Price – Average cost of energy per unit
Main lakes/Storage lakes	Waipori, Cobb, and Coleridge schemes.
MWh	Megawatt hour(s) – unit of energy
NI	North Island

Term	Definition
Netback	Customer revenue less all direct costs of sale (excluding energy costs)
NI GWAP/TWAP	Average revenue per unit of North Island generation referenced to Otahuhu
OTA	Otahuhu reference pricing node
pcp	Prior corresponding period
PPA	Power Purchase Agreement – A long-term contract between an electricity generator and an offtake customer
Recordable Injury	Lost Time Injury (LTI) or Medical Treatment Injury (MTI)
RoR	Run-of-River. A scheme classification that denotes no (or very little) ability to store water.
SI	South Island
SI GWAP/TWAP	Average revenue per unit of South Island generation referenced to Benmore
TWAP	Time-Weighted Average Price
Var	Variance
YoY	Year-On-Year
YTD	Year-To-Date