

FY24 Interim Results Presentation

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13 November 2023



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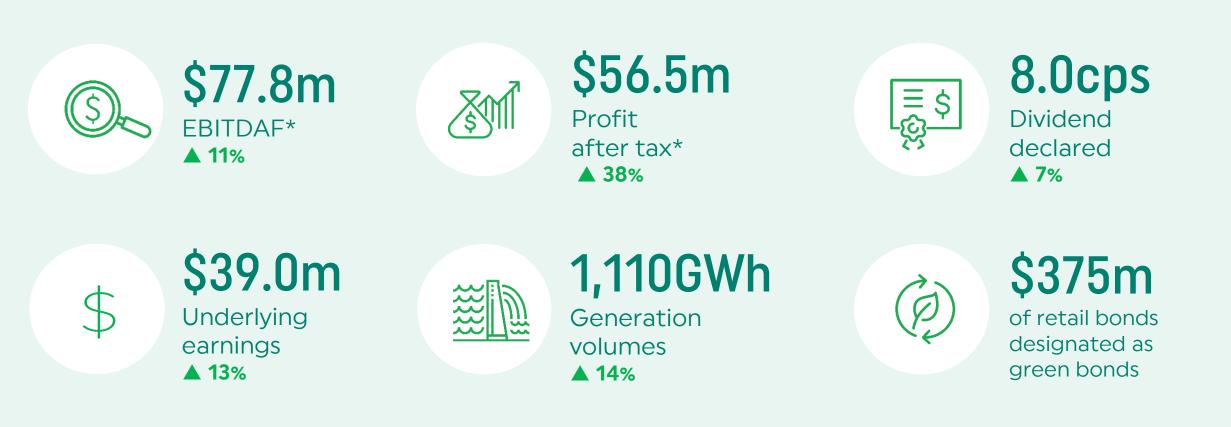
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6-month highlights



*from continuing operations

Solid interim result

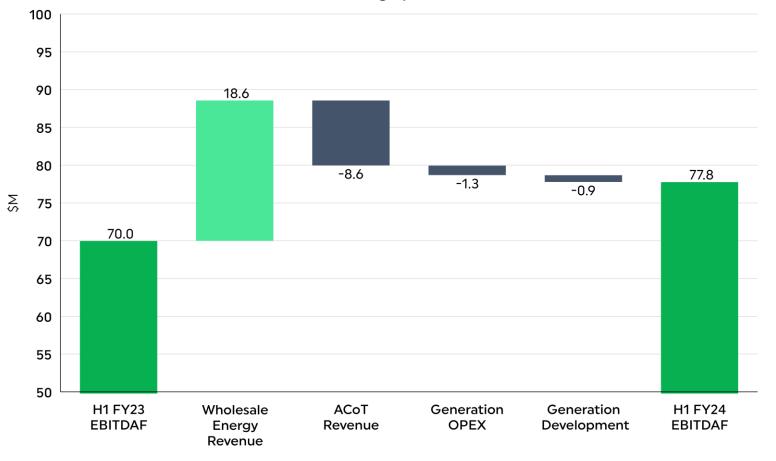
- EBITDAF from continuing operations (up 11%) and underlying earnings (up 13%) both up on the prior corresponding period despite loss of ACoT revenue - on the back of strong hydro generation volumes.
- Profit after tax decline as a result of one-off gain on sale of the mass market retail business in FY23.
- CAPEX lift due to major asset investment programme and increased new development investment – total new development spend in the period up \$8.0m on prior corresponding period.

Metric	H1 FY24	H1 FY23	Var	Var %
EBITDAF from continuing operations (\$M)	77.8	70.0	+7.8	+11%
Underlying earnings after tax (\$M)	39.0	34.6	+4.4	+13%
Profit after tax from continuing operations (\$M)	56.5	41.0	+15.5	+38%
Profit after tax (\$M)	55.9	390.8	(334.9)	(86%)
CAPEX (\$M)	31.5	17.8	+13.7	+77%
Ordinary dividends paid during the period (cps)	8.5	16.0	(7.5)	(47%)
Special dividends paid during the period (cps)	-	35.0	(35.0)	-
Net debt (\$M) NOTE: comparative is 31 March 2023	435.4	443.8	(8.4)	(2%)
New development investment (opex + capex) (\$M)	10.3	2.3	+8.0	+348%



EBITDAF lift from strong volumes more than offset the loss of ACoT revenue

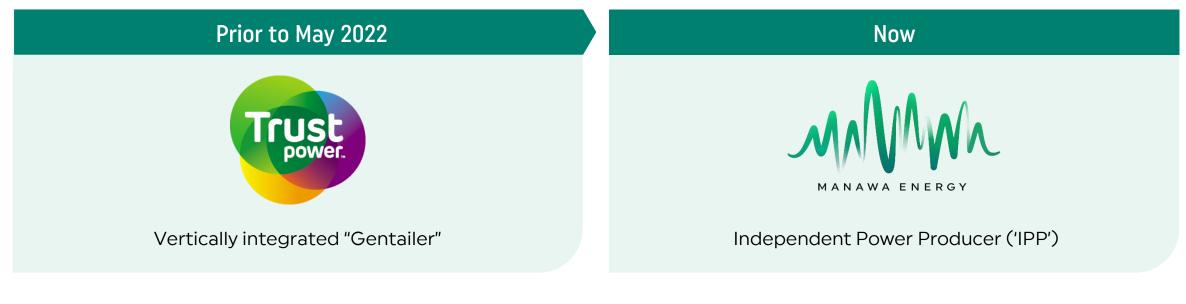
- Significantly improved wholesale energy revenue driven by stronger generation production volumes (+14% vs pcp – driven by stronger inflows, with H1 FY23 particularly dry) and higher hedge sell prices
- Wholesale energy revenue partially offset by cessation of Avoided Cost of Transmission (ACoT) revenue from 1 April 2023
- Increase in Generation opex largely relates to corrective work after storm damage (Esk)
- Generation Development uplift driven by increased scale and progress of development pipeline



H1 EBITDAF from continuing operations - FY23 to FY24



Manawa's business transition



- ~680 C&I customers
- ~231,000 mass-market retail customers
- Strategy focused on multi-product 'bundled' retailing

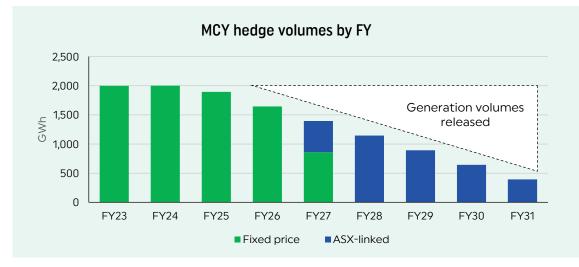
- ~2,000GWh/yr Mercury hedge winding down over time
- Seeking **long-term**, **large volume offtake agreements** for significant portion of portfolio (with minimal merchant/shorter-term exposure)
- Focus on operational excellence, asset management, enhancements
- Progressing pipeline of new wind/solar projects (currently ~955MW/>3 TWh of secured options)



Transition to IPP provides unique opportunity

The current state

- Hedge with Mercury ('MCY') represents ~100% of Manawa generation volumes¹
- Provides near-term revenue certainty: Prices are fixed until 30 September 2026 with a quarterly CPI escalator from 1 October 2022. Pricing is linked to historic rolling ASX prices from 1 October 2026
- MCY volumes reduce from 1 October 2024 until expiry on 30 September 2031
- Re-contractable length and ASX-linked pricing resets provide significant potential upside relative to current contracted pricing



The opportunity

- Manawa has received interest from several counterparties for longtenor, large volume offtake for its current and future (new developments) portfolio with discussions ongoing
- Lower volatility in earnings/cash flow and greater future revenue certainty, provides greater flexibility to support a review of debt and dividend levels alongside capital structure
- This will also support future potential investment in Manawa's attractive growing pipeline of new development opportunities

Simpler	 Significantly reduces number of counterparties Less regulatory compliance and reporting Simplifies trading and market activities
Well understood	 IPP business model is very common in other markets Good track record of attracting equity and debt capital
Lower risk	 PPAs can reduce energy price uncertainty for Manawa Lower variability in earnings improves business planning
Alignment	 Most likely/bankable route to market for new developments is via long-term PPAs Aligns current asset revenue strategy with new assets
Developing market	 PPA market in NZ not as deep or mature compared to other regions Manawa has a key role helping to further develop this market in NZ

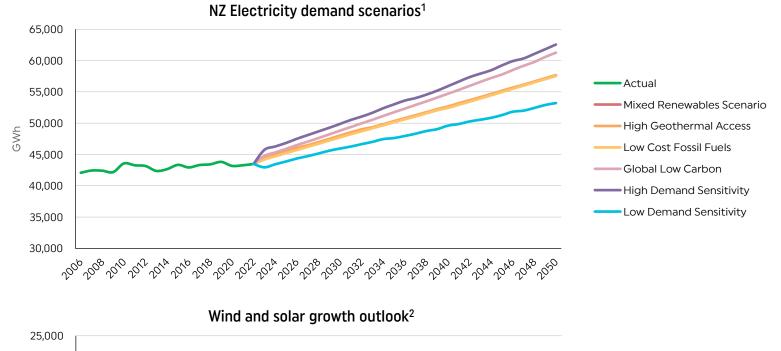


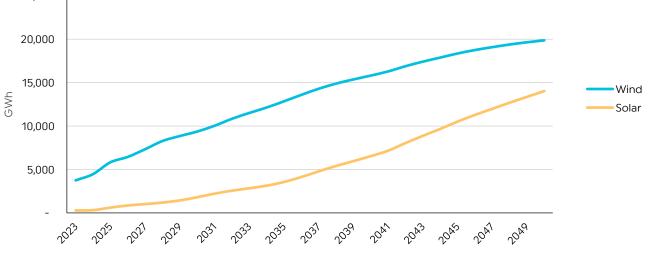
1. Based on FY24 Mercury hedge volume and total generation average annual production

The demand growth opportunity

The electrification of New Zealand will create significant, increasing demand for new renewable energy generation, with supply from wind and solar expected to increase by more than 400% by 2050²

As an IPP with significant development experience and capability, Manawa will be well-positioned to deliver into this growing market





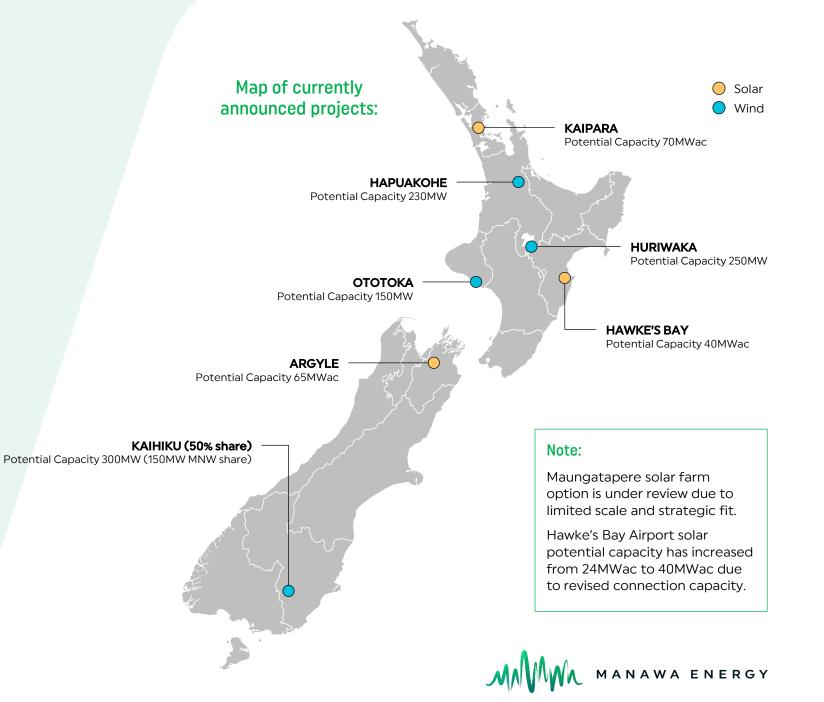


1. Source: MBIE: 'New Zealand's Energy Outlook: Electricity Insight'

8 2. Source: NZ Climate Change Commission: 'Updated demonstration path and current policy reference scenarios (2022)'

Diverse and growing development pipeline

- Manawa has secured a growing pipeline of highly competitive solar and wind development projects across the North and South Islands
- These projects have strong fundamentals and are expected to have highly competitive levelised cost of energy (LCOE)
- Good progress on securing additional wind options, leveraging the team's significant experience
- In addition to the mapped projects, Manawa also has various prospective wind (~500MW) and solar (~350MW) developments at advanced stages of negotiation
- Exploring co-located development opportunities, including storage, across the diversified existing asset portfolio and associated connection points



Kaihiku Wind Farm

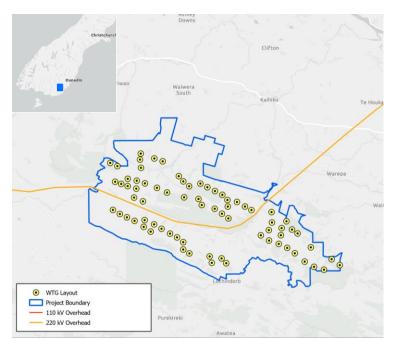
Announced October 2023

- 50% joint venture with Pioneer Energy announced last month
- ~300MW (up to 73 wind turbines) wind farm located in South Otago
- Estimated annual generation: ~1,050GWh (enough to power 135,000 households)
- Land options secured
- Transmission (220kV) passes through the project site
- Project is advancing: iwi/community/stakeholder consultation under way, connection application confirmed with Transpower, lodgement of consent expected in first half of 2024



Kaihiku Wind Farm

Location	South Otago
Capacity (MW)	~300
Annual output (GWh)	~1,050
# of turbines	~73





Ototoka Wind Farm

New project

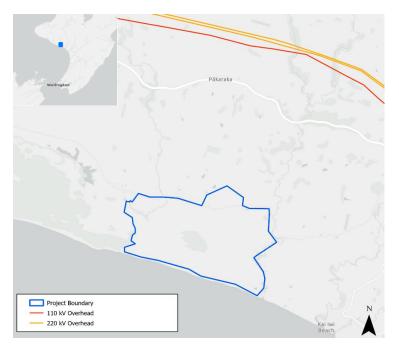
- ~150MW coastal site in Whanganui district
- Annual generation ~530GWh
- Land options secured
- Good terrain and constructability characteristics
- Transpower national grid ~5km from site (Brunswick-Stratford & Whanganui-Stratford circuits)
- Resource monitoring and site assessments under way



Ototoka Wind Farm

Location	Whanganui
Capacity (MW)	~150
Annual output (GWh)	~530
# of turbines	~25







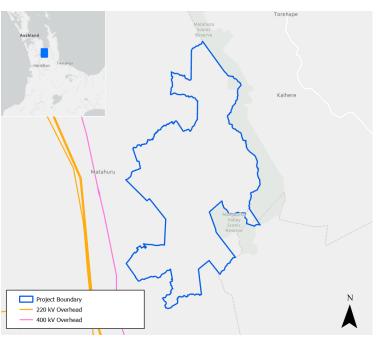
Hapuakohe Wind Farm

New project

- ~230MW capacity wind farm in North Waikato region
- Annual generation ~790GWh
- Land options secured
- Transpower national grid ~5km from site (Brunswick-Stratford & Whanganui-Stratford circuits)
- Transpower connection application confirmed
- Resource monitoring and site assessments under way



Hapuakohe Wind Farm								
Location	Waikato							
Capacity (MW)	~230							
Annual output (GWh)	~790							
# of turbines	~25							



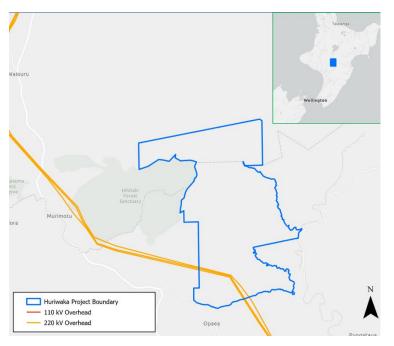


Huriwaka Wind Farm

Announced May 2023

- ~250MW capacity wind farm in central North Island region
- Annual generation ~850GWh
- Land options secured
- Transpower connection application confirmed
- Progressing design and resource consent application

Huriwaka Wind FarmLocationCentral North IslandCapacity (MW)~250Annual output (GWh)~850# of turbines~50





Argyle Solar Farm

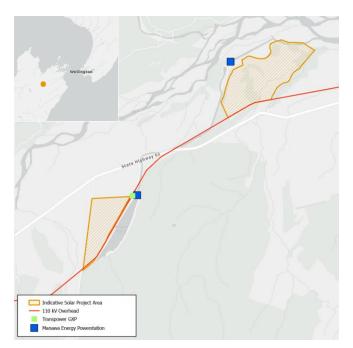
Announced May 2023

- Additional land (120 hectares) secured since last update, now expect the project to have capacity of ~65MWac (up from 28MWac) and ~130GWh per annum output (up from 60GWh)
- Utilises existing Transpower 110kV connection at Argyle, dedicated to Manawa's Branch River hydro scheme, supporting faster connection timeframe. Transpower connection application confirmed
- Southern area: consent lodged and progressing, detailed design under way
- Northern area: land secured and progressing towards consent lodgement



Argyle Solar Farm

Location	Marlborough
Capacity (MWac)	~65
Annual output (GWh)	~130
# of panels	~135,000





Timeline and progress of new development pipeline

- The table below outlines current projects with land secured and indicative progression timelines for each
- Current pipeline shows ~955MW with land secured and at various stages of development ahead of final investment decisions
- Manawa also has additional wind (~500MW) and solar (~350MW) developments at advanced stages of negotiation
- Pipeline will provide a range of 'shovel-ready' options which can be progressed when appropriate

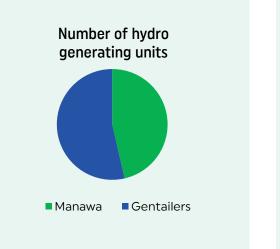
Indicative timeline of currently announced projects:

· · · · · · · · · · · · · · · · · · ·		,,									Calen	ndar year												
		Capacity	Output	20	023	20	24	20)25	20	026	20)27	2	2028	20)29	20	030					
Project	Technology	(~MW)	(~GWh/pa)	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	Status				
Huriwaka	Wind	250	850						\subset)				'					Previous Central Wind project. Consenting workstream underway.				
Hapuakohe	Wind	230	790									\square)						Wind monitoring, site design, and consenting assessments under way.				
Kaihiku (50%)	Wind	150	525					\square		\mathbf{C}										Historic wind monitoring data available, consenting workstreams underway.				
Ototoka	Wind	150	530											\square)				Wind monitoring and site development assessments underway.				
Kaipara	Solar	70	130						\square	\mathbf{D}										Resource monitoring, site design, and consenting assessments under way.				
Hawke's Bay Airport	Solar	40	80					\bigcirc)											Resource monitoring, site design, and consenting assessments under way.				
Argyle	Solar	65	130)												Southern area consent lodged. Land secured for Northern area.				
Total		~955	~3,035		F	esou	rce m	nonito	ring	• 0	Conse	nting/	Conn	ectio	on/Proc	urem	ient	O F	Poten	tial 'shovel-ready' window				

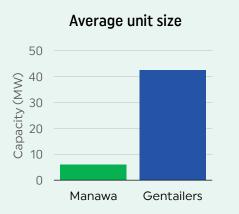


Manawa Energy is unique

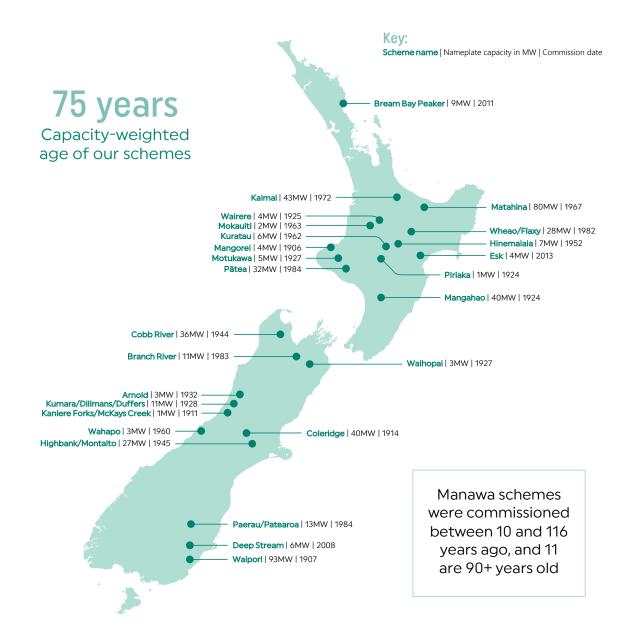
- Manawa has more hydro assets than any other market participant, and the benefit of more geographical spread
- The asset portfolio has significant benefits, but also requires a different approach to asset management than other portfolios, and presents unique challenges, opportunities, and considerations
- Manawa has specialist skills in managing this unique portfolio of older, long-lived hydro assets



Manawa has almost the same number of generating units as all gentailers combined



Manawa hydro assets are much smaller on average than the gentailer cohort



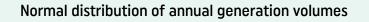


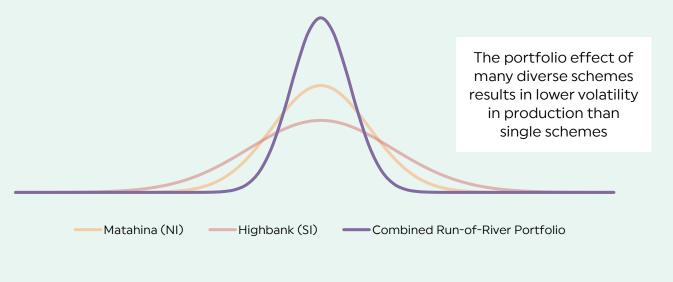
Being different delivers benefits

- Current portfolio: 510MW of installed capacity generating ~1,942GWh of electricity per year
- Portfolio of 26 power schemes (comprising 45 stations and 84 generating units) throughout NZ

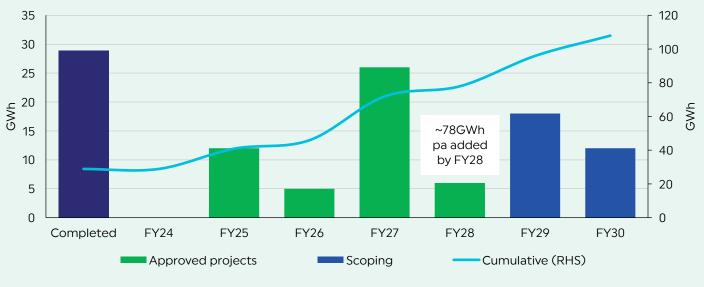
This portfolio provides:

- Significant catchment, geographic, weather, and machine diversity
- Extensive local community knowledge and engagement
- Significant network connection presence a benefit and enabler for development
- Increased stability and reliability of production
- No single-point-of-failure risk: increased resilience compared to smaller number of large machines
- Greater ability to achieve high IRR enhancement benefits





Enhancement programme phasing – GWh added (project completion) by FY





Investing for the future: targeted asset management

- Manawa has a robust asset management strategy and investment decision process based on sound risk and value-based methodologies (ISO55000)
- Significant works are under way, in advanced planning or the lead-in phase
- Project prioritisation is focused on high-value assets
- Key value drivers: long-term revenue security, efficiency, and output enhancement



Timeline: Selected major projects							Calendar year															
		Capacity	Commission			Annual		2021		202:	2	202	23	20	24	20	25	20	26	202	27	2028
Scheme	Location	(MW)	date	Project scope	FID	production uplift (GWh)	Prior	H1 H	12 H	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1 H2
Branch	Marlborough	11	1983	New intake gallery	Jul-21	10		0			CON	MPLET	ED									
Highbank	Canterbury	25	1945	New turbine and generator	Dec-21	8		(С													
Coleridge	Canterbury	40	1914	3x new turbines, 1x new generator	Nov-22	23					0											
Matahina	Bay of Plenty	80	1967	2x new turbines	Aug-20	17	0															
Waipori	Otago	93	1907	2x new generators	Oct-19	_	0															
Cobb	Tasman	36	1944	2x new generators	Mar-20	-	0					CO	MPLE	TED								
Arnold	West Coast	3	1932	Seismic strengthening of dam	Nov-22	_					0											
Various	Various	-	Various	Various refurbishments, replacements, dam safety upgrades, & enhancements	Various	20																
Total		288				78						İ										

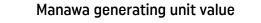
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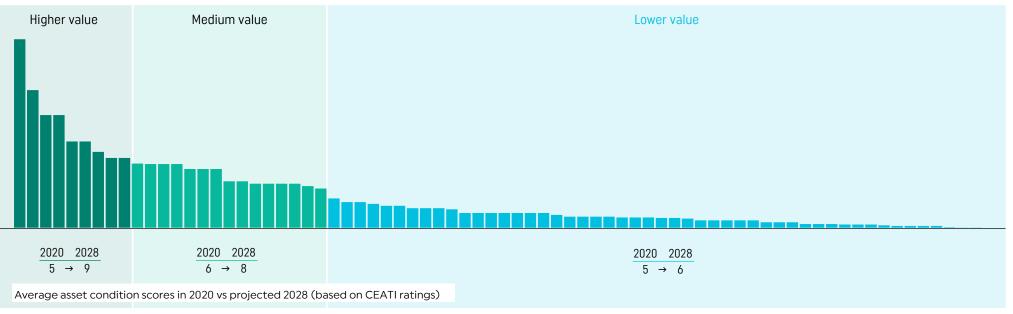


This investment provides solid benefits

Manawa's investment programme prioritises and skews expenditure into higher value assets based on key value and risk factors. The major asset investment programme provides:

Revenue protection	Increased reliability	Enhancement uplift	Future benefit capture
Hydro assets are long- lived with 50+ years of reliable cashflows once replaced. The average age of machines being replaced is 73 years	Modern and efficient machines provide greater reliability and efficiency, alongside a reduction in ongoing maintenance requirements	Newer machines usually see an increase in capacity and production - 78GWh pa uplift by end of FY28	Higher penetration of intermittent renewables increases value of hydro assets – particularly schemes with peaking capability







Highbank Innovation: Pumps as turbines

As part of the major asset investment programme, Manawa's Highbank scheme is scheduled for a full unit replacement

- Scheme outage expected to start in late 2024 and continue for approximately 17 months
- Manawa owns 6 large pumps at the station currently used for irrigation
- Work under way to change these pumps to allow them to run as both pumps and generation turbines while Highbank is out of service
- First unit successfully trialled and commissioned, with installation of remaining units and project completion expected in H1 FY25
- This provides ~6MW of generation capacity while the project outage is in effect, and additional resilience for future outages
- Above-average investment return



Irrigation pumps at Highbank Scheme



Esk scheme: restoration progressing well

The Esk scheme in Hawke's Bay was constructed in 2013 and comprises two stations:

- Rimu (2.4MW producing 9GWh per year)
- Toronui (1.4MW producing 3GWh per year)

In February 2023, the scheme suffered significant damage as a result of cyclone Gabrielle

Both stations were out of service due to damage to each station and the adjacent 33 kV transmission assets.

Insurance claim is in progress

- \checkmark Transmission assets have been reinstated
- ✓ Toronui returned to service in October 2023
- Rimu expected back in service Q1 FY25







Sustainability plans progressing

- The Manawa sustainability strategy is focused on 15 topics derived from the company's recent materiality assessment
- This identified topics with a high business impact and high stakeholder importance. These are the areas where Manawa should focus to create measurable, material and meaningful impact
- Targets and/or deliverables are being developed for each topic and ESG efforts will support the delivery of the company strategy

Environment	Social	Governance
 Climate Change Renewable energy development Resilience of existing assets Climate related business risk 	 People and Culture Safety & wellbeing Employee attraction, development and retention Diversity, equity and inclusion 	 Transparency Policy & regulation Communicating with stakeholders
 Environmental management Biodiversity 	Communities• Community support• Cultural capability	 Leadership ESG governance Sustainable financial performance Ethical supply chain

FY24 outlook: guidance unchanged

EBITDAF guidance for the year to 31 March 2024 remains in the range of \$120m-\$140m, and capital expenditure in the range of \$65m-\$80m.

- Solid first half financial performance driven by strong production volumes
- A planned full Waipori scheme outage across November-January (inclusive) and partial Esk scheme outage (cyclone repairs) will likely result in below-average production volumes in the second half. Total FY24 volumes expected to be ~1,905WGh including KCE schemes
- Major capital projects and new development pipeline progressing as expected
- Guidance is underpinned by the following assumptions:
 - Current ASX forward pricing is reflective of spot prices
 - No material adverse events
 - Normal hydrology
 - Around ~\$8m of operating expenditure relating to new generation development work

Manawa expects to receive ~\$20m (was \$20m-\$28m) of cash proceeds in FY24 from the divestment of surplus land and carbon credits – with the balance now expected in FY25

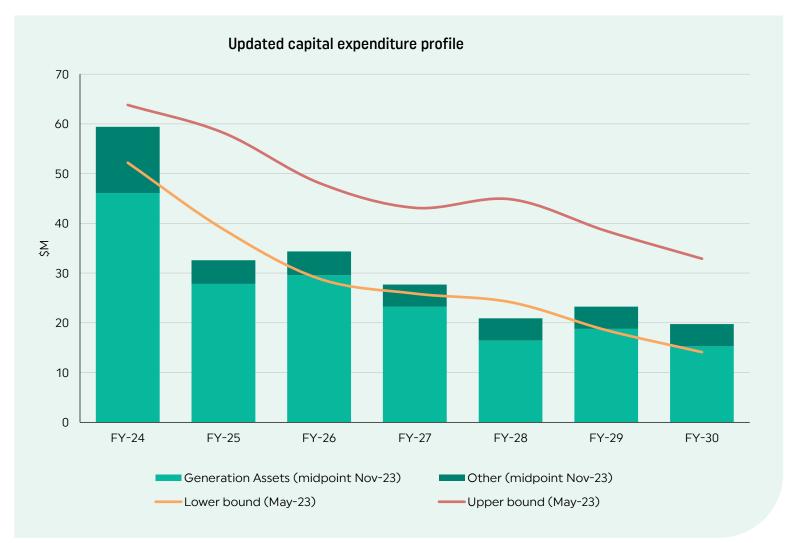


Capital expenditure plans revised

Recent revisions to asset management plans (based on updated condition and risk assessments) indicate short and mediumterm capital expenditure across existing assets has reduced below the indications provided to investors in May 2023.

The mid-point of Manawa's total estimated major asset investment programme expenditure across the next seven years has reduced by ~\$48m.

The revisions also reduce expected longterm, baseline BAU expenditure for the whole company from \$20m-\$30m per annum (as advised in May 2023) to \$15m-\$20m.





Thank you

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Additional Information

MANAWA ENERGY

MAMAA

Key facts & operating statistics

Manawa Energy is Aotearoa New Zealand's largest independent power producer and renewables developer.

We have 26 power schemes throughout New Zealand and a total installed capacity of 510 megawatts, generating ~1,942GWh of electricity per year. We supply around 650 commercial and industrial customers via 6,400 electricity connections.

Manawa (meaning 'heart') acknowledges our heritage establishing electricity generation on the Omanawa River in the Kaimai area during the early 1900s. Our name was gifted by Ngāti Hangarau hapū, mana whenua of the area where our Kaimai hydro-electric power scheme is located.

Sales	YTD FY-22	YTD FY-23	YTD FY-24	Full Year FY-22	Full Year FY-23	Full Year FY-24
MM Retail sales (GWh)*	1,077	129	-	1,819	129	
C&I sales - Fixed Price (GWh)	206	210	202	407	424	
C&I sales - Spot (GWh)	427	371	334	813	671	
MCY sales (GWh)	-	970	1,144	-	1,824	
Total Sales (GWh)	1,710	1,680	1,681	3,039	3,048	
LWAP for C&I sales (\$/MWh)	217	149	106	176	127	
Energy Production and Purchases						
North Island generation production (GWh)	446	545	550	824	1,132	
South Island generation production (GWh)	554	431	560	936	785	
Wind PPA offtake (GWh)	320	305	313	600	596	
Net other external purchases (GWh)	146	174	162	332	308	
Total Energy Production and Purchases (GWh)	1,466	1,455	1,586	2,692	2,821	
GWAP for MNW generation (\$/MWh)	208	124	108	166	109	
Other Information						
Resource consent non-compliance events^	3	5	7	5	9	
Recordable Injuries**	6	3	2	18	6	
Staff numbers (full time equivalents)	766	236	234	777	238	

* MM Retail business sold on 1st May 2022

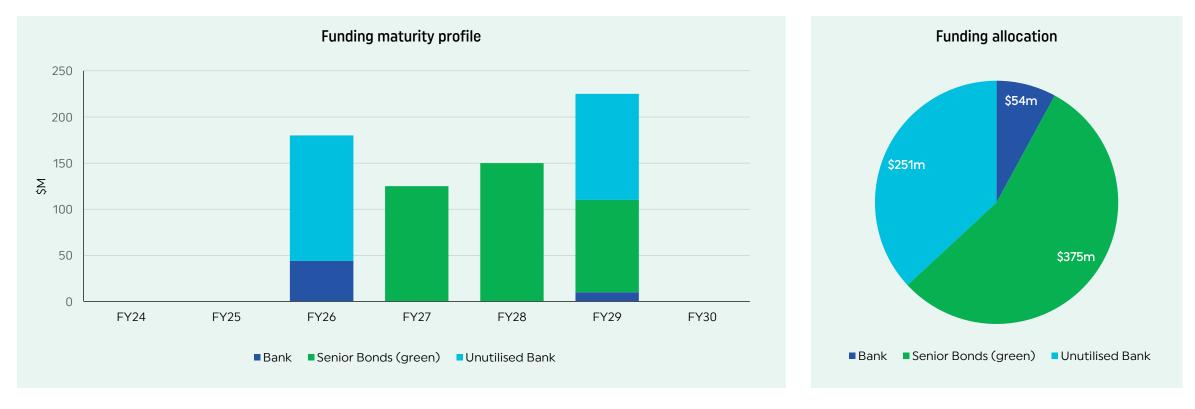
^ Events are recorded only when they have been confirmed as non-compliance events by the relevant regulatory authority

** Recordable injuries includes contractor injuries



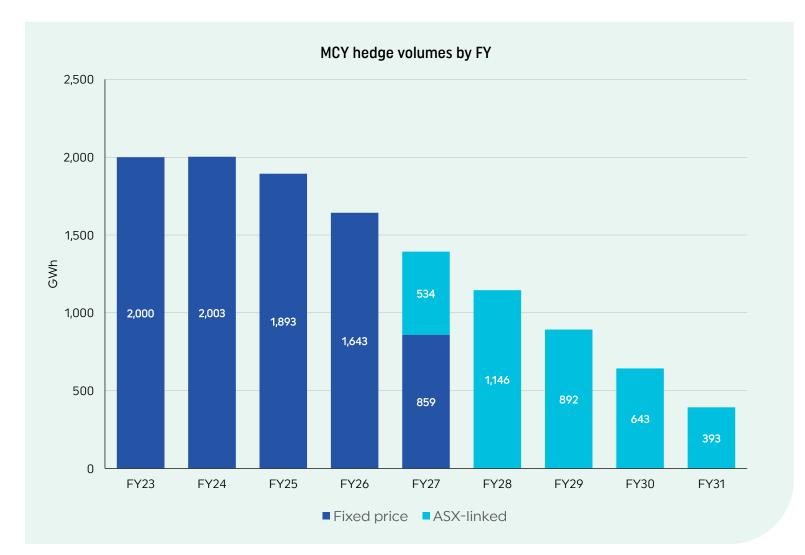
Debt profile

- All three NZX-listed Senior Bonds were approved as Green Bonds on 18 October 2023.
- Manawa has established a new Sustainable Finance Framework which outlines how Manawa intends to issue and manage bonds or loans in alignment with internationally recognised sustainable finance principles, including the Green Bond Principles.





MCY hedge profile details



- Volumes reduce from 1st October 2024
- Prices are fixed (with CPI escalation) until 30th September 2026
- Pricing is linked to historic rolling ASX prices from 1 October 2026
- This hedge is shaped (volume and price) across daypart and across calendar quarters and is referenced to multiple nodes



Non-GAAP measures

Underlying Earnings is a non-GAAP (Generally Accepted Accounting Principles) financial measure. Manawa believes that this measure is an important additional financial measure to disclose as it excludes movements in the fair value of financial instruments which can be volatile year to year depending on movement in long term interest rate and or electricity future prices. Also excluded in this measure are items considered to be one off and not related to core business such as changes to the company tax rate or impairment of generation assets.

EBITDAF is a non-GAAP financial measure but is commonly used within the electricity industry as a measure of performance as it shows the level of earnings before impact of gearing levels and non-cash charges such as depreciation and amortisation. Market analysts use the measure as an input into company valuation and valuation metrics used to assess relative value and performance of companies across the sector. The EBITDAF shown in the financial statements excludes the Australian business which is a discontinued operation.

Reconciliation between statutory measures of profit and the two measures above, as well as EBITDAF per the financial statements and total EBITDAF, are given in the table.

H1 FY24	H1 FY23
55,909	390,796
(23,554)	(10,347)
-	(348,755)
6,595	2,897
38,950	34,591
	55,909 (23,554) - 6,595

Operating Profit Continuing Operations	91,219	70,675
Fair value losses/(gains) on financial instruments	(23,554)	(10,347)
Depreciation and amortisation	10,170	9,640
Impairment of assets	-	-
EBITDAF Continuing Operations	77,835	69,968

Operating Profit Discontinued Operations	(850)	350,282
Gain on sale of mass market retail business	-	(348,755)
Depreciation and amortisation	-	1,915
EBITDAF Discontinued Operations	(850)	3,442

