

STOCK EXCHANGE LISTINGS: NEW ZEALAND (MCY) / AUSTRALIA (MCY)

NEWS RELEASE

Mercury Investor Day 2019

12 November 2019 – Mercury is hosting its Investor Day 2019 in Auckland today, which includes presentations from the Executive Management Team and other senior managers of the company focusing on the delivery of our long-term strategic goals.

The presentation materials from the Investor Day are attached.

END

For further information:

Media – Craig Dowling 0272 105 337 Investors – Tim Thompson 0275 173 470

ABOUT MERCURY NZ LIMITED

Mercury's mission is energy freedom. Our purpose is to inspire New Zealanders to enjoy energy in more wonderful ways and our goal is to be New Zealand's leading energy brand. We focus on our customers, our people, our partners and our country; maintain a long term view of sustainability; and promote wonderful choices. Mercury is energy made wonderful.

Visit us at: www.mercury.co.nz



MERCURY INVESTOR DAY 2019.



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AGENDA

12:30pm - 1:15pm Welcome

1:15pm - 2:00pm Commercial

2:30pm - 5:30pm Customer / People

Kaitiakitanga / Partnerships

OUR PEOPLE



DENNIS RADICHGeneration Development
Manager



SARAH HOLT Workforce Strategy Manager



BEN HARVEY-LOVELL Head of Brand & Marketing



NICK WILSON
Regulatory & Government
Affairs Manager



MO ABBAS Head of Mass Market Sales



GRAEME HILLInfrastructure Manager



KATH HARTLEYHead of Organisational
Development



WU KHOOGeothermal Technical
Resources Manager



WELCOME.



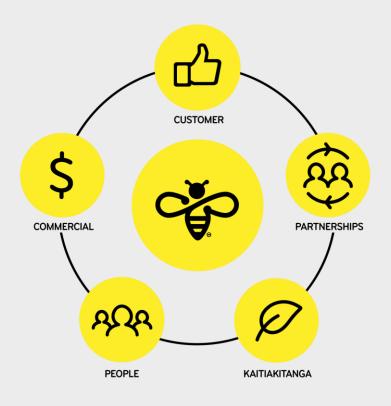
Chief Executive

November 2019



WHAT SUCCESS LOOKS LIKE

OUR FIVE PILLARS



BY 2030 WE WILL BE...

CUSTOMER CUSTOMER

New Zealand's leading energy brand



Recognised as a leader within our industry, with our industry recognised as a positive contributor to New Zealand; and Mercury's access to fuel and energy storage enduring and enhanced



Recognised as a leader in the ultra-long-term management of both physical and natural assets



A zero harm organisation that has enabled our people to adapt to the changing nature of work to deliver the highest levels of performance and productivity



Leading our sector in terms of financial performance and shareholder returns, earning at least our cost of capital



COMMERCIAL.

WILLIAM MEEK

Chief Financial Officer

November 2019

DENNIS RADICH

Generation Development Manager



WHAT SUCCESS LOOKS LIKE

OUR FIVE PILLARS



BY 2030 WE WILL BE...



Leading our sector in terms of financial performance and shareholder returns, earning at least our cost of capital

WE'RE ON TRACK BY FY2022 IF...

We deliver EBITDAF growth and maintain an appropriate average for stay-inbusiness CAPEX investment, while operating within agreed risk parameters

WHICH WE WILL MEASURE THROUGH...

✓ Progressive ordinary dividends enabled by sustainable earnings growth

FOCUS AREAS...

Operational Excellence

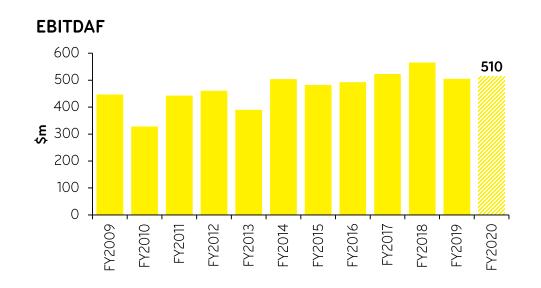
Generation Development

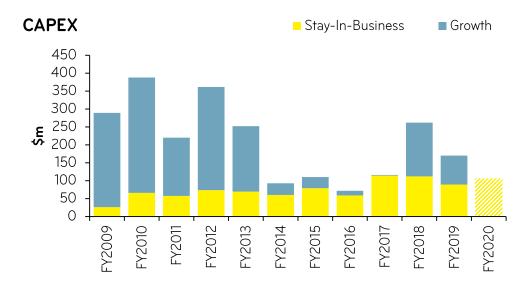
Sustainable Growth

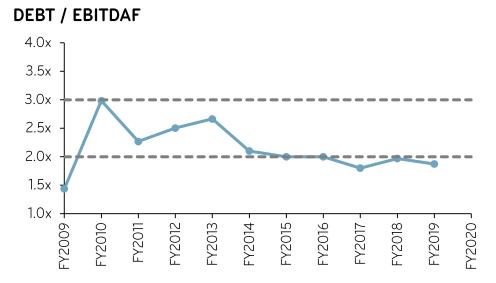


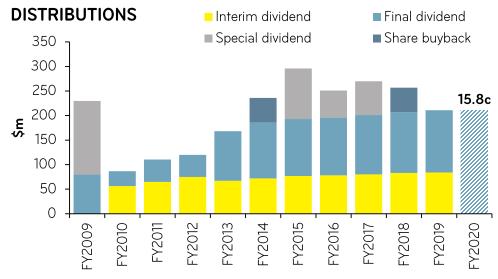


FINANCIAL TRACK RECORD









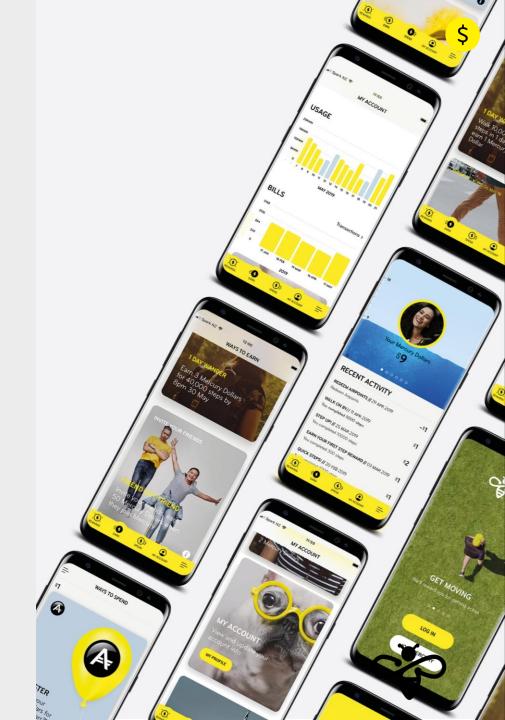


We will deliver earnings and dividend growth through operational excellence, portfolio optimisation & generation development.



FOCUS ON OPERATIONAL EXCELLENCE

- > Opportunities exist to deliver greater productivity, efficiency and portfolio value at Mercury improving energy margin and lowering operating and capital costs. Key themes:
- > Value optimisation: Customer Lifetime Value (CLV) and profitability models informing business decisions, increased data analytics and focused management reporting, better network pricing matching, move to more tailored customer pricing, clearer identification of drivers of negative customer profitability and credit management
- > Lift self-service and inbound customer interactions: Mercury Go, My Account and easy customer journeys
- > Aligned **High Performance Teams**, management training and induction
- > **Reduce manual tasks**: process simplification, digital assistants, robotics and intelligent automation
- > Incremental generation improvements: geothermal fuel rebalancing opportunities at Rotokawa, review of major maintenance scheduling and strategic procurement

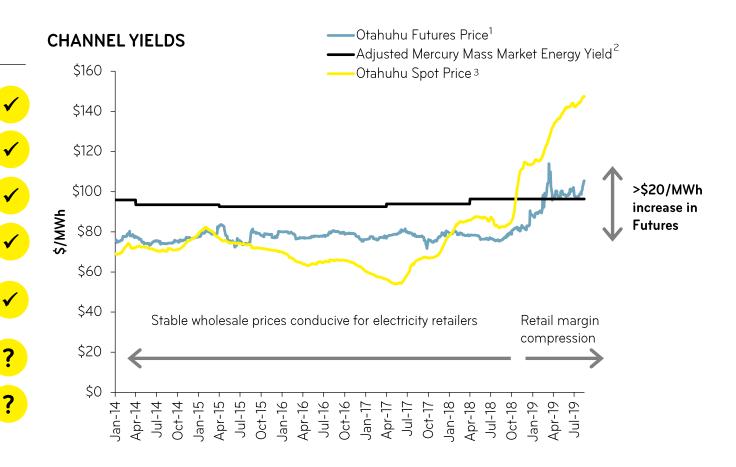




MERCURY'S THREE-YEAR MARKET THESIS HAPPENING

ANTICIPATED MARKET OUTCOMES

- > Supply and demand re-balanced
- > Conditions for demand growth
- > Increased spot price volatility
- > Futures price increase
- > Commercial and Industrial (C&I) upwards price pressure
- > Retail churn reduction
- > Upward pressure on retail price





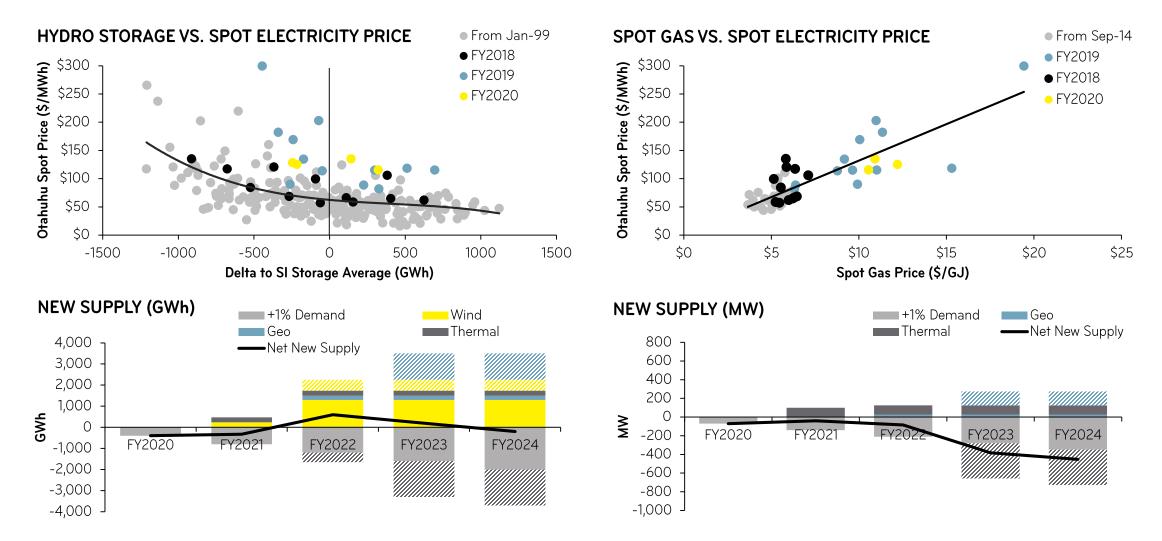
¹2 year forward price starting 3 quarters ahead

² Adjusted for indicative average losses, profile and average cost to operate

³ Rolling 12 month average



NO CLEAR CATALYST FOR WHOLESALE PRICE REVERSION IN THE NEAR TERM



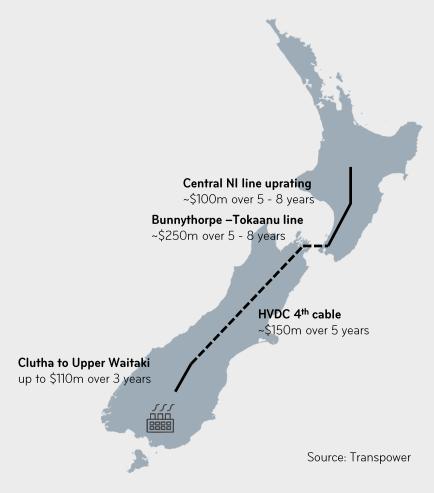




NZAS REMAINS A RISK FOR THE SECTOR BUT MERCURY BEST PLACED

- > Rio Tinto (79% owner) has announced a strategic review of its interest in New Zealand Aluminium Smelters (NZAS)
 - > NZAS produces high-grade aluminium marketed under Rio's RenewALTM brand certified low CO₂ aluminium
 - > Review follows an increase in production capacity (resumption of Potline 4) in December 2018
- > Thermal rationalisation in the North Island likely when NZAS closes
 - > NZAS has the right to terminate financial contract with Meridian¹ with 12 months' notice
 - > Industry has demonstrated ability to quickly respond to changes in supply and demand
- > Mercury best placed in the event of NZAS closure, with generation:
 - > 100% low variable cost renewables
 - > 100% North Island, close to major load centres
 - > A major supplier of NI reserves which support high north HVDC transfer
 - > Free of major transmission constraints as a consequence of closure

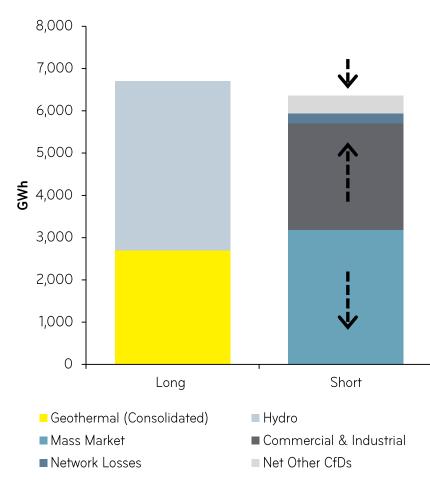
POTENTIAL TRANSMISSION UPGRADES





PORTFOLIO OPTIMISATION FOR CURRENT MARKET CONDITIONS

FY2019 NET POSITION BREAKDOWN

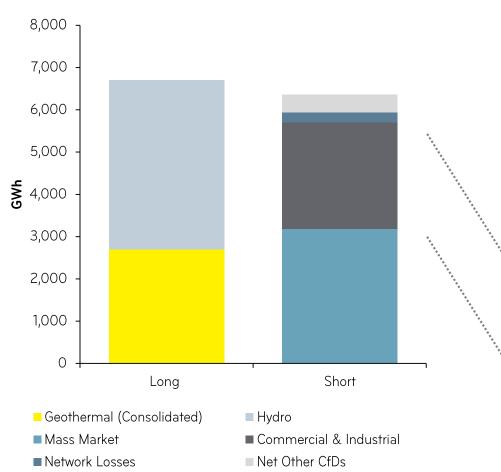


- > Mercury is reacting to the change in market conditions of higher and more volatile wholesale prices by:
 - 1. Increasing generation exposed to wholesale prices
 - 2. A preference for increasing sales to higher profit channels e.g. C&I
 - 3. Continuing to focus on rewarding existing customer loyalty
- > Higher spot prices portfolio positioned at least 500GWh long under mean hydro conditions for risk and value
- > C&I prices up reference electricity futures and can contract with higher yield and fixed term (typically 3 years)
- > Mass market customer growth reduced with focus on inbound, self service and headline pricing
- > Mass Market sales and market share is expected to fall further during FY2020 (being down 12k from 30 June 2019¹, accelerated by exiting an arrangement with Farm Source)



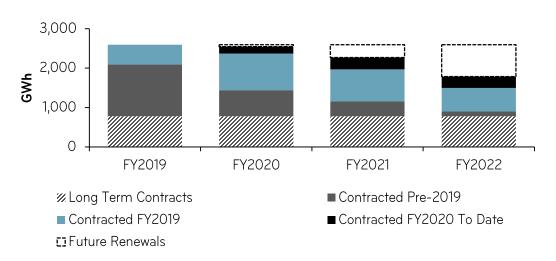
COMMERCIAL & INDUSTRIAL PRICING RE-RATING

FY2019 NET POSITION BREAKDOWN



- > Commercial & Industrial (C&I) sales re-rating in line with ASX prices as contracts mature
 - > Typical C&I contract has 3 5 year tenure
 - > Mercury has ~800GWh of long-term contracts expiring in 2023, with PPI inflator¹
 - > Further C&I sales likely from Turitea generation and change in sales mix

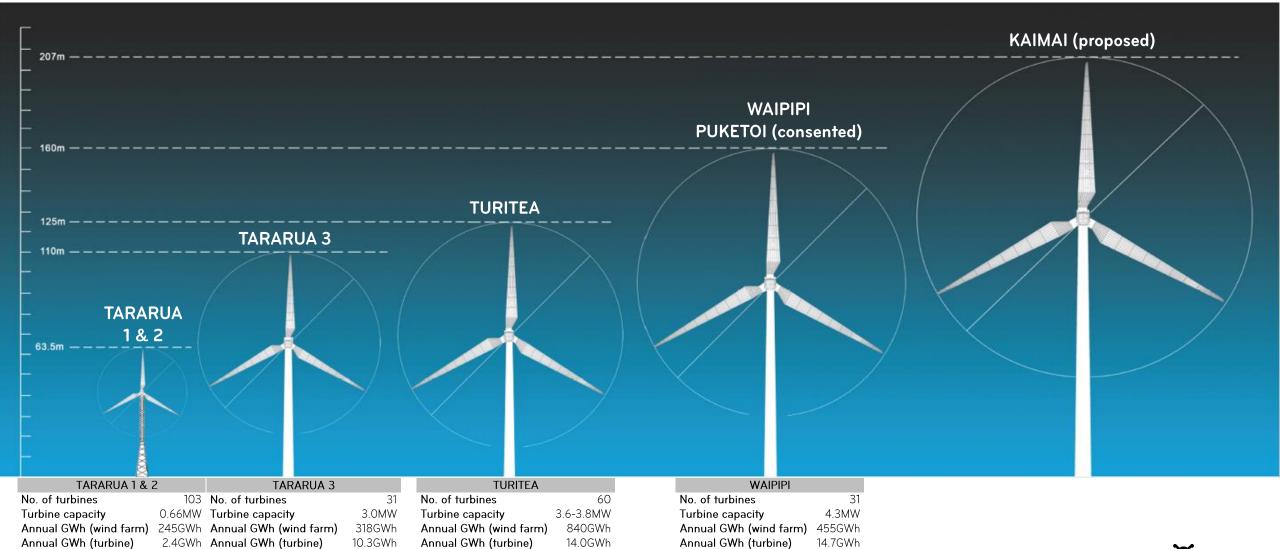
COMMERCIAL & INDUSTRIAL RECONTRACTING







THE OPPORTUNITY IN WIND



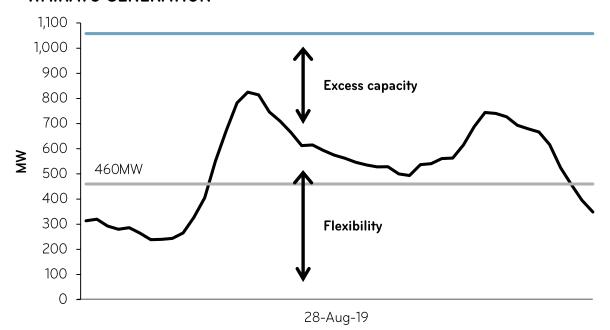




WIND COMPLEMENTARY TO EXISTING GENERATION ASSETS

- > Additional value realised through flexible generation fleet
- > Waikato hydro capacity rich / energy poor
- > Flexibility of hydro assets can internally firm the variability of Turitea production

WAIKATO GENERATION





FY2022 DRIVERS OF GROWTH

- > Foundations in place to leverage market conditions for growth
- > Sustainable earnings growth expected to translate to growth in distributions to shareholders

Indicative FY2022 EBITDAF Scenarios	\$80/MWh	\$100/MWh
Turitea¹ (840GWh per annum)	\$55m	\$70m
C&I Renewals (~400GWh per annum)	Nil	~ \$8m per year of renewals
Portfolio Optimisation (Change in sales mix favouring spot and C&I)	Nil to modestly negative	Accretive
Operational Excellence	Targeting \$20m	

¹ Assumes portfolio benefits from the firming of wind through increased relative GWAP for the Waikato Hydro Scheme and contracting margins

CUSTOMER.

KEVIN ANGLAND

GM Retail & Digital

November 2019

JULIA JACK

Chief Marketing Officer

MOHAMMED ABBAS

Head of Mass Market Sales

BEN HARVEY-LOVELL

Head of Brand and Marketing





WHAT SUCCESS LOOKS LIKE

OUR FIVE PILLARS



BY 2030 WE WILL BE...



New Zealand's leading energy brand

WE'RE ON TRACK BY FY2022 IF...

We are inspiring, rewarding and making it easy for customers in our target segments

WHICH WE WILL MEASURE THROUGH...

- ✓ Brand strength
- ✓ Churn
- ✓ Customer Satisfaction/Net Promoter Score

FOCUS AREAS...

Brand Loyalty

Experience





INSPIRING NEW ZEALANDERS WITH OUR E.TRANSPORT STORY

BILLBOARDS









BIG STREET BIKERS RECHARGERY - ELECTRIFIED BY MERCURY



RIDE DAY ACTIVATIONS













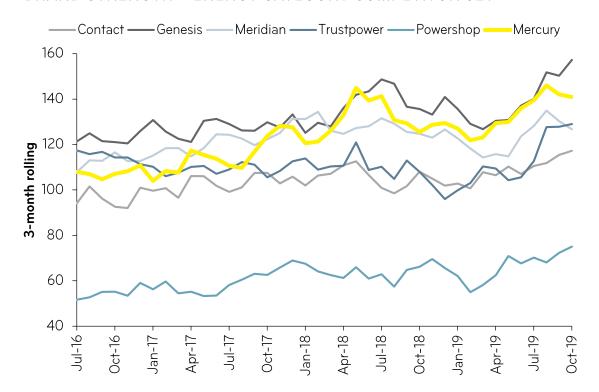




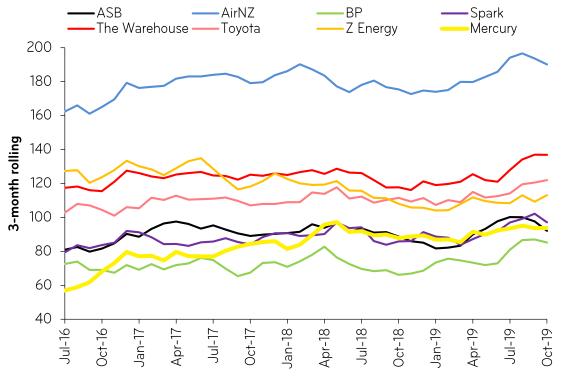
OUR BRAND HAS STRENGTHENED AGAINST OUR COMPETITORS AND COMPARED TO THE WIDER MARKET

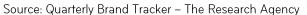
- > We have the second strongest brand in the electricity sector despite having the third largest customer base
- > We are reducing the gap to New Zealand's leading energy brand

BRAND STRENGTH - ENERGY CATEGORY COMPETITOR SET



BRAND STRENGTH - CROSS CATEGORY COMPARISON



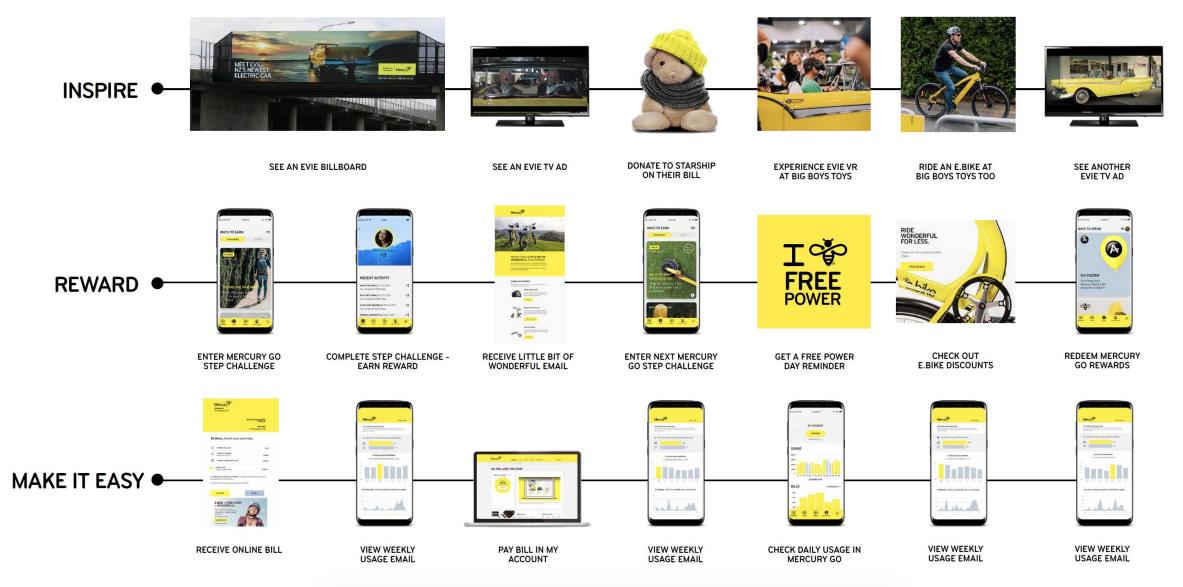




We are leading in loyalty and experience because we inspire, reward and make it easy for our customers every day.





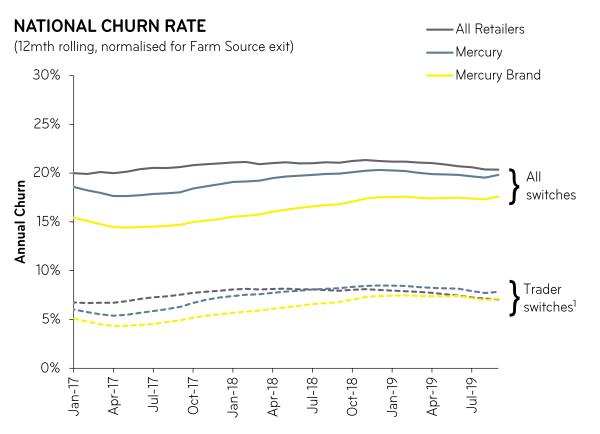




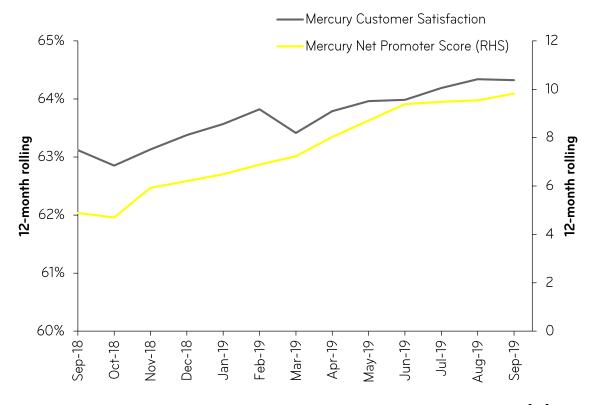


OUR CUSTOMERS ARE MORE LOYAL AND SATISFIED

- > Mercury has enjoyed industry leading churn performance. This position has only recently come under stress because of high levels of competition and strategic decisions such as shedding Farm Source volume
- > Customer Satisfaction and NPS have reached record levels



MERCURY BRAND CUSTOMER SATISFACTION

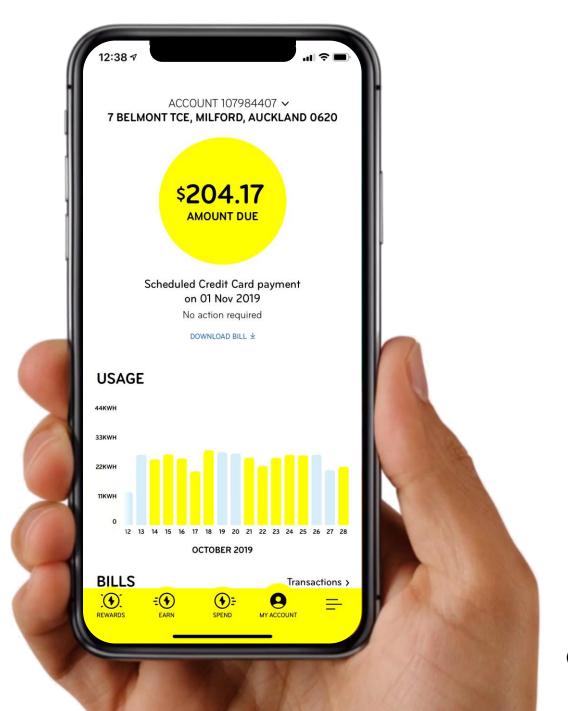






MERCURY GO

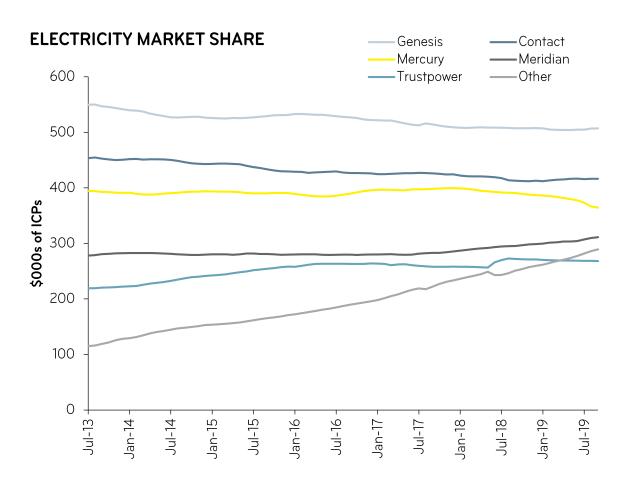
OUR NEWEST LOYALTY INITIATIVE
INSPIRES, REWARDS AND
MAKES IT EASY
FOR OUR CUSTOMERS ALL IN ONE APP.







FOCUS ON LOYALTY DRIVES VALUE FOR EXISTING CUSTOMERS, NOT ICP VOLUME



- > Deliberate portfolio management to ensure the optimal value for Mercury at any given time with a current bias towards Commercial & Industrial
- > We continue to optimise value for Mercury and our existing customers:
 - > Our focus on loyalty resulted in removing acquisition offers which disadvantage loyal customers





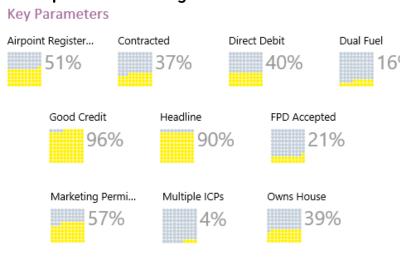
OUR STRATEGY DELIVERS LONG-TERM VALUE FROM DATA-DRIVEN DECISIONS

Strengthened Our Understanding of Value Drivers

- > Established Customer Lifetime Value Model resulting in better view of key value drivers
- > Every customer has a unique set of value drivers, differentiation is key
- > Mercury is focused on optimising value within the existing customer base (nurturing)

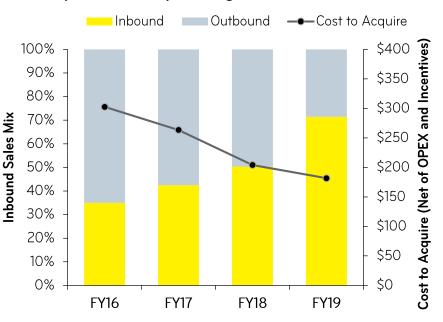
Identified Value
Optimisation Levers

Example Customer Segment Profile



Ongoing Delivery of Value Optimisation Initiatives

Value Optimisation by Making Inbound Preferred







Our three year platform journey is delivering the capability we need to successfully execute this strategy.



DIGITAL PLATFORM DELIVERS CAPABILITY TO EXECUTE STRATEGY





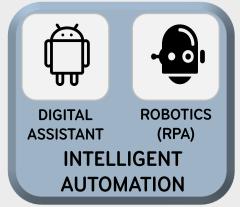
CONTACT CENTRE



MOBILE



DESKTOP/ TABLET





EMAIL



FUTURE..

ENABLING SERVICES

BUSINESS PROCESSES

SECURITY

INFORMATION MICROSERVICES

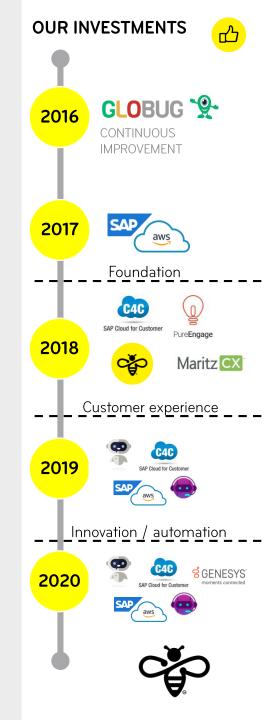
ADVANCED ANALYTICS

FOUNDATION LAYER

INFRASTRUCTURE IN THE CLOUD

ASSET MANAGEMENT & GENERATION

CORE FINANCE & RETAIL



WE HAVE BUILT CORE CAPABILITIES TO ENSURE SUSTAINABLE DELIVERY

Performance infrastructure
The Brain



- > Performance management tool to consolidate initiatives and ensure transparency
- > Test-and learn experimentation framework for campaigns
- > Weekly cadence with progress demonstrations

Mindset & behaviour
The Heart



- >Introduction to organisational health
- > Training on change management to business leaders

Execution ability
The Muscle



- > Technical in-depth training on Data Analytics
- > Set-up Analytics platform and support delivery team
- > Training on **problem solving** to initiative owners



PEOPLE.

MARLENE STRAWSON

GM People & Performance

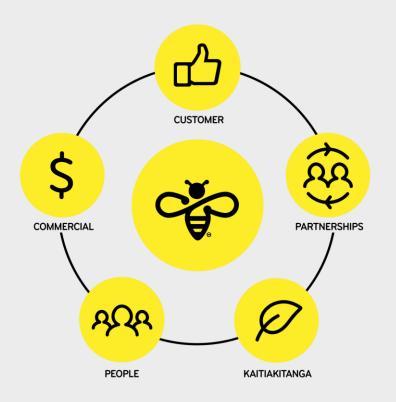
November 2019





WHAT SUCCESS LOOKS LIKE

OUR FIVE PILLARS



BY 2030 WE WILL BE...



A Zero Harm organisation that has enabled our people to adapt to the changing nature of work to deliver the highest levels of performance and productivity

WE'RE ON TRACK BY FY2022 IF...

We have enabled our people to understand and respond to the changing nature of work in order to deliver the highest levels of productivity and performance and are viewed as an attractive place to work

We are a Zero Harm organisation that continues to focus on the physical and mental wellbeing of all the people who are important to the business

WHICH WE WILL MEASURE THROUGH...

- ✓ Employee engagement
- ✓ No serious injuries

FOCUS AREAS...

High Performance Teams Safety & Wellbeing Capability & Development

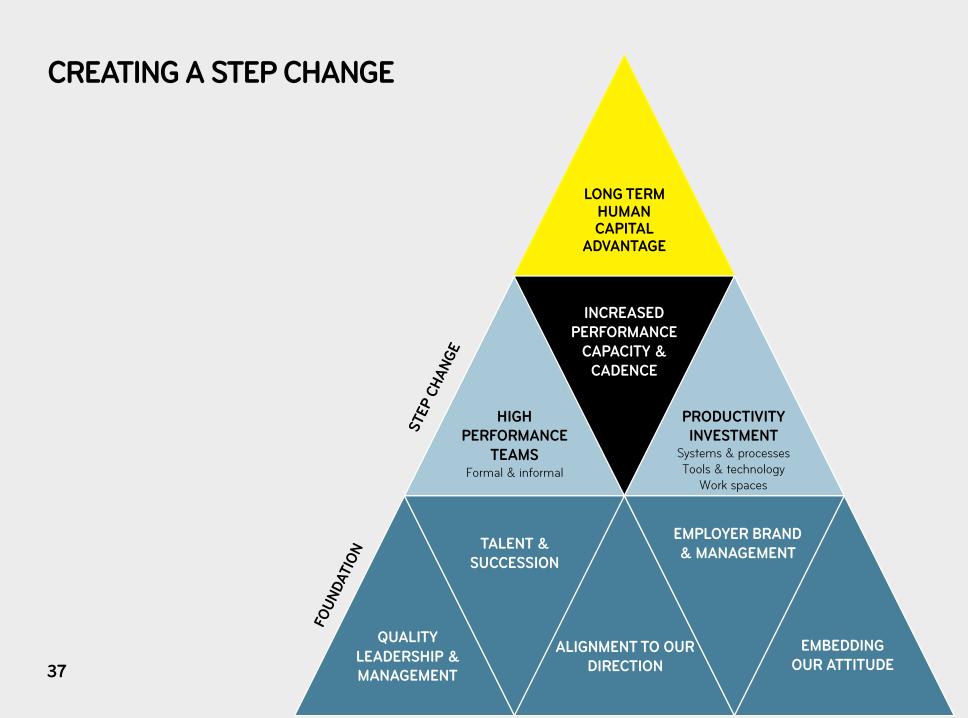




We are enabling our people to do their best work as they are our true long-term competitive advantage.











HIGH PERFORMANCE TEAMS SUSTAIN EXCEPTIONAL PERFORMANCE

	TEAM COMPOSITION	١		TEAM ENVIRONMENT		
ALIGNED PURPOSE	TEAM FIT	FUTURE PROOF THE TEAM	LEADING & MANAGING	TEAM MEMBERSHIP	TEAM WELLBEING	FLEXIBLE WORK ENVIRONMENT
We confirm the purpose of the team and the shared goals and outcomes that we need to achieve. We confirm and commit to our key priorities.	We confirm the skills, experience and attributes we need in the team to get the best outcomes. We seek diverse views and input from the team, customers and stakeholders.	We share learning and expertise to stay ahead of the game. We plan and prepare for team transitions to maintain momentum.	We manage team dynamics no matter what our role or team setting. We confront and resolve issues early.	We are all accountable for results. We create and maintain an inclusive, productive team culture.	We all contribute to a safe and healthy team environment. We support each other's wellbeing.	We make use of different work spaces, tools and technology, processes and systems to improve individual and team productivity and performance.

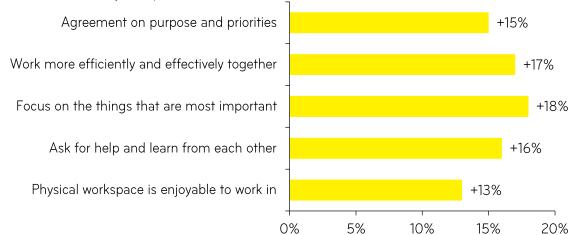


HPT IS HELPING OUR PEOPLE TO SUCCEED

- > Internal high performance team (HPT) coaches trained and working with cross-functional teams
- > Significant improvement in team behaviours:

IMPROVED HPT BEHAVIOURS

(from Nov 2018 to May 2019)



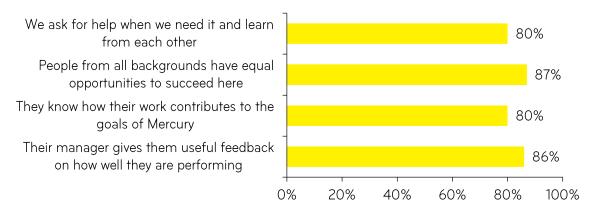
Source: Mercury Employee Engagement Survey May 2019



HELPING OUR PEOPLE GROW & DEVELOP

- > Reporting to lift people leaders' performance
- > Development programmes that strengthen diverse leadership
- > Flexible ways for our people to learn, upskill and reskill
 - > 2,664 employees and contractors completed on-line learning
 - > 405 employees completed at least one of 57 face-to-face training events

OUR PEOPLE SAY...



Source: Mercury Employee Engagement Survey May 2019





HELPING OUR PEOPLE STAY SAFE & WELL

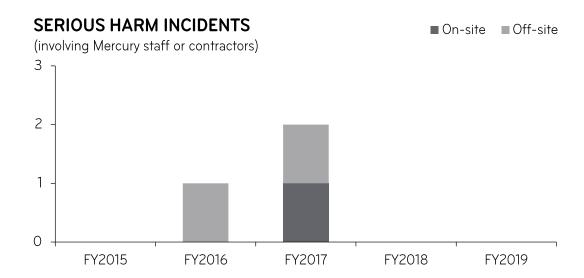
- > Process safety in specific areas
- > Targeted training and resources:

WELLBEING

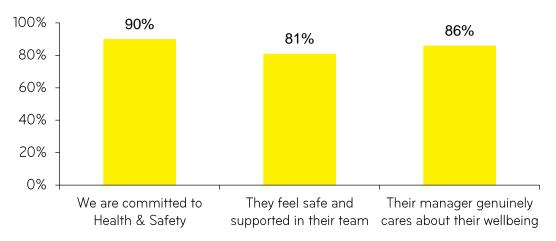
- > Life, Income Protection & Health Insurances
- > My Days five additional paid leave days for all employees
- > Wellbeing Warrants of Fitness & Employee Assistance Programme services available for all employees
- > 75% increase in flexible working since 2017

SAFETY

- > Synergi Life and Staylive industry reporting
- > 1,101 Health & Safety training events
- > 186 Health & Safety audits
- > 384 safety observations
- > GPS in Mercury cars



OUR PEOPLE SAY...



Source: Mercury Employee Engagement Survey May 2019



TEAM ENVIRONMENT DRIVES COLLABORATION

- > Freedom to do our best work together
 - > Consolidation of 3 Auckland offices to 33 Broadway, Newmarket
 - > **Duration:** 32 months, 4 years from start to finish
 - > **Aspirations:** Collaboration, Flexibility, Openness and Wellbeing
 - > Also refurbished Maraetai and Rotorua offices in FY2019

OUR PEOPLE SAY...

- > 94% satisfied with the move against a target of 85%
- > 98% said it met or exceeded expectations
- > 99% of any technology issues were resolved within Service Level Agreements

Source: Employee Broadway Pulse Survey March 2019



ACHIEVING LONG TERM HUMAN CAPITAL ADVANTAGE

- > Retaining and attracting key capability
- > Sustaining exceptional execution through HPT
- > Helping our people to understand and respond to the changing nature of work

EMPLOYER BRAND RECOGNITION:

- > Employee turnover stable at 14% in FY2018 and FY2019
- > Winner of Best Enterprise Workplace IBM Awards in FY2018
- > 88% of our job advertisements perform above market with regard to searches and views¹
- > Attractiveness score increased by 6% to 32%² moving up to 3rd place in our industry sector
- > Reduced time to hire from 52 days³ in FY2018 to 41 days³ in FY2019



¹ From SEEK May 2019

² From 2019 Randstad Employer Brand Research Report. Attractiveness score is an average measurement taken from ranking 10 key drivers of attractiveness

³ Days from approval of vacancy to role acceptance, 12 month average

KAITIAKITANGA.

PHIL GIBSON

GM Hydro / Wholesale

November 2019

NICK CLARKE

GM Geothermal & Safety

GRAEME HILL

Infrastructure Asset Manager WU KHOO

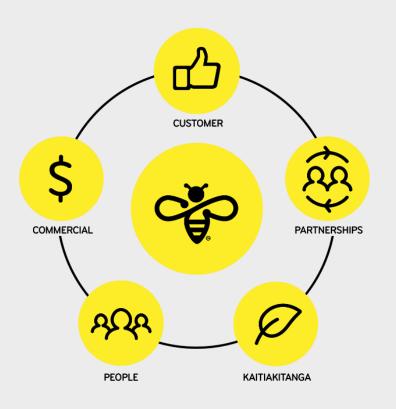
Geothermal Technical Resources Manager





WHAT SUCCESS LOOKS LIKE

OUR FIVE PILLARS



BY 2030 WE WILL BE...



Recognised as a leader in the ultra-long-term management of both physical and natural resources

WE'RE ON TRACK BY FY2022 IF...

We understand and are managing the long-term sustainability of the natural resources and assets that we rely on

WHICH WE WILL MEASURE THROUGH...

✓ Integrated Management Plans are in place facilitating our long-term approach

FOCUS AREAS...

Natural Resources

Climate Change

Assets



We manage for the long-term sustainability of the natural resources and assets that we rely on.





COMPLEMENTARY PORTFOLIO OF ASSETS – THE AWESOME FOURSOME

10x HYDRO ASSETS: 1,109MW1 - ~4,020GWh p.a

(1941)



Aratiatia 90MW



4X GEOTHERMAL ASSETS: 311MW¹ - ~2,600GWh p.a.





Kawerau

103MW Rotokawa (2008)

Hugo Johnson Drive - Solar

Hugo Johnson

Drive - Battery

0.08MW (2017)











Atiamuri

Taupo Gates

(1958)

84MW Whakamaru

118MW (1956)

Maraetai I & II

360MW (1950 & 1970)

(1961)

Nga Awa Purua* (2010)

135MW **Ngatamariki**

82MW (2013)

(1997)

1MW / 2MWh (2018)

2X WIND ASSETS: 222MW - ~840GWh p.a.









Waipapa

51MW Arapuni (1961)

198MW Karapiro (1929)

(1964)

96MW (1946)

(2020)

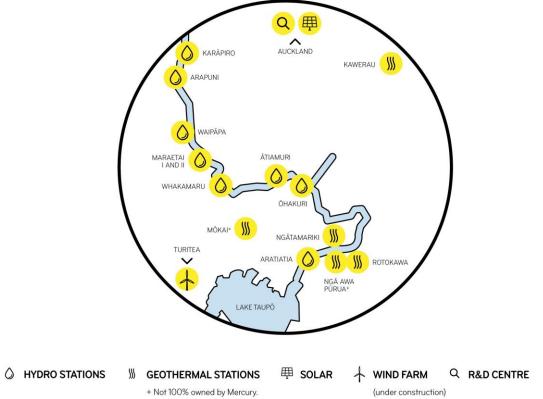
(2021)



¹ Total Maximum Continuous Rating *Not 100% owned by Mercury



A COMPLEMENTARY PORTFOLIO OF ASSETS



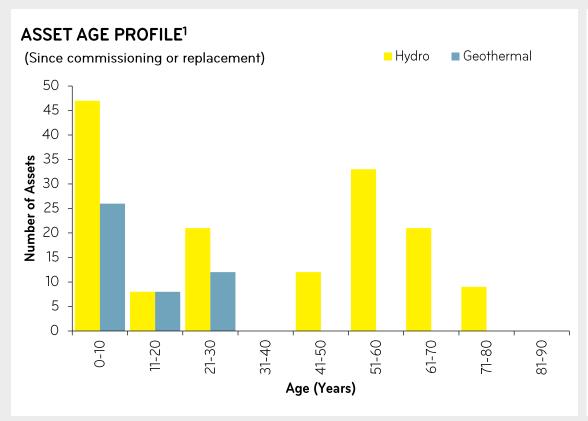
	Hydro	Geothermal	Wind
Location	Central North Island	Central North Island	Central North Island
Operating role	Peaking, firming, frequency, reserves	Baseload (24/7)	Intermittent
Capacity factor	On average 50-60% but ranges from 30- 65%	94-97%	~43%
Strengths	Flexible, fast start, large capacity, comparatively slower machines, more gradual decline of asset condition	Weather independent, high availability	Complementary to hydro, comparably high capacity factor
Variables	Hydrology dependent but inflows positively correlated with winter demand, ~580GWh of storage	Dynamic fuel, single shaft risk, faster machines with potential for more rapid decline of asset condition	Wind dependent
Maintenance cycles	Continuous but targeting high availability in winter	Minimum two-yearly due to baseload, single shafts	Long-term maintenance agreement with availability guarantees

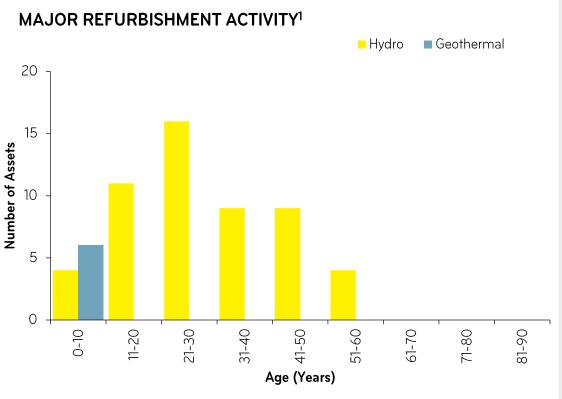




PORTFOLIO OF GENERATION ASSETS

> Our generating assets are diverse in terms of age, technologies, lifecycle, operation and maintenance requirements. Different asset risks require adaptive asset management

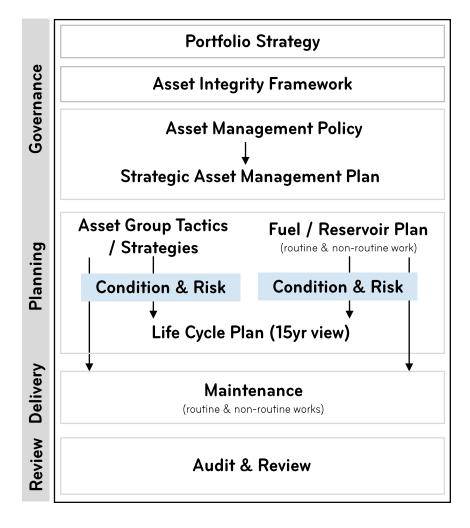


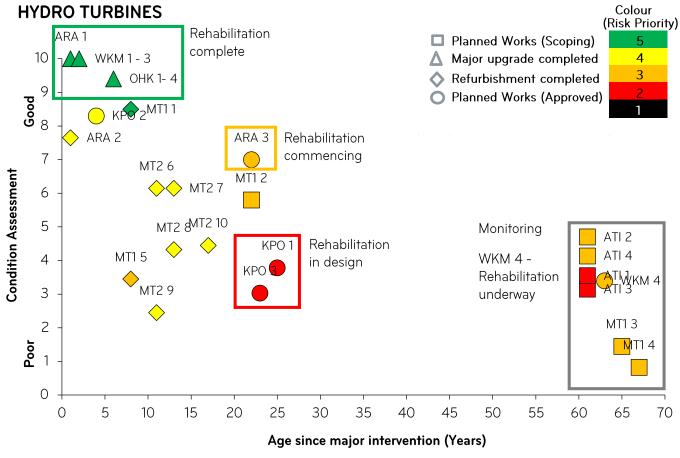






ASSET MANAGEMENT – A CONTINUOUS APPROACH & CORE STRENGTH

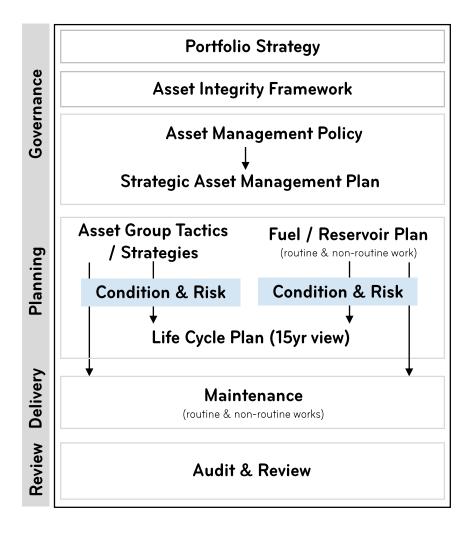


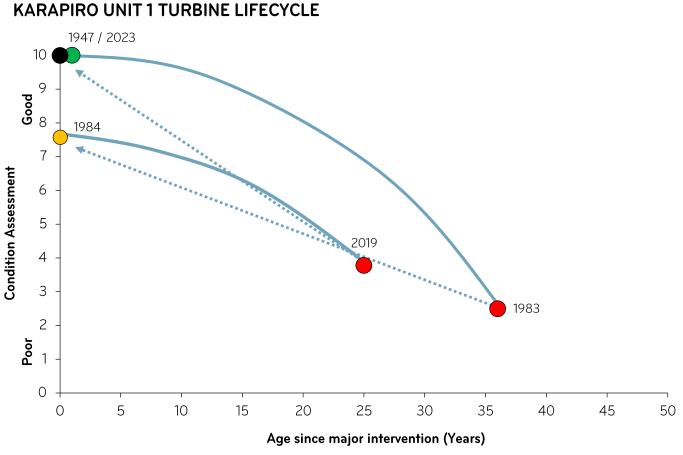






ASSET MANAGEMENT – A CONTINUOUS APPROACH & CORE STRENGTH









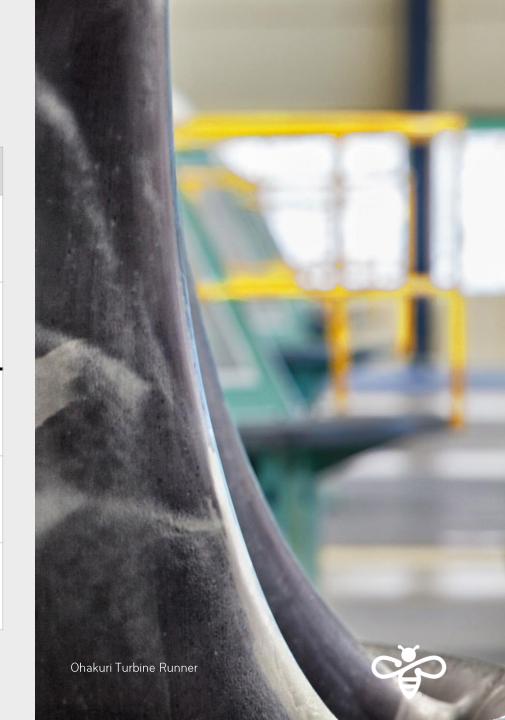
HYDRO REINVESTMENT PLANNING – LONG TERM & STRATEGIC APPROACH

	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	FY36
Aratiatia (3 units)								Rehab	,											Lead ir	1	Turb	ines		
Ohakuri (4 units)	Т	urbine	:S							Lea	d in		Gene	rators											
Atiamuri (4 units)											Lea	d in			Rel	nab									
Whakamaru (4 units)							Rel	hab																	
Maraetai 1 (5 units)													Lea	d in				Rehat)						
Maraetai 2 (5 units)																		Lea	ıd in				Rehab		
Waipapa (3 units)														l	_ead ir	1			Rehal)					
Arapuni (8 units)	Gene	rators	(5-8)																						
Karapiro (3 units)				Clas	ss 4			Lea	nd in			Rehab)												



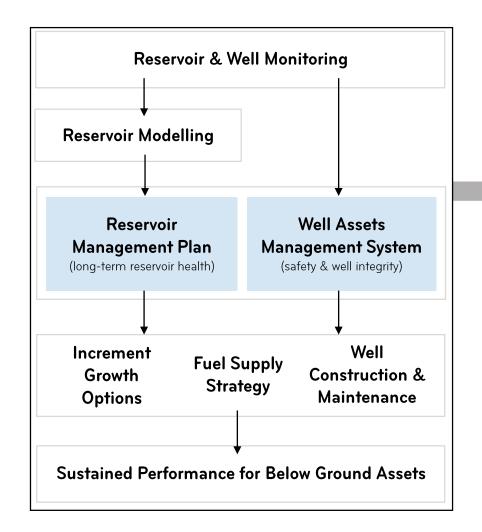
HYDRO REINVESTMENT DELIVERING VALUE BEYOND REHABILITATION

	Station Age	Capacity	Generation Upgrade	Scope	Cost
Whakamaru (4 units) Underway	63	+ 6MW per unit to 4 x 31MW	~ 28GWh p.a.	All turbines, generators, governors	\$76M*
Aratiatia (3 units) Underway	55	1 unit sized for low flows, 28MW 2 x 30MW	~ 15GWh p.a.	All generators, governors, 1x turbine (2x turbine refurb)	\$49M*
Karapiro (3 units) Design	72	+ 5MW per unit to 3 x 37MW	~ 32GWh p.a.	All turbines, generators, governors and gates	\$75M*
Ohakuri (4 units) Planning	58	+ 1-2MW per unit	~ 25GWh p.a.	All generators	~ \$30M*
Atiamuri (4 units) Planning	61	+ 1-4MW per unit	tbc	All turbines, generators, governors	~ \$60M*





EFFECTIVE MANAGEMENT SYSTEMS FOR BELOW GROUND ASSETS



In-Service Assets 2019	Kawerau	Ngatamariki	Nga Awa Purua	Rotokawa		
Production Wells	8	5	8	5		
Injection Wells	7	5	5	3		
Monitoring Wells	7	26	1	18		
Drilling (km)	40	45	6	60		
Capacity (MW)	103	82	140	38		

Reliable Assets

FY19 Generation Availability: 97.7%

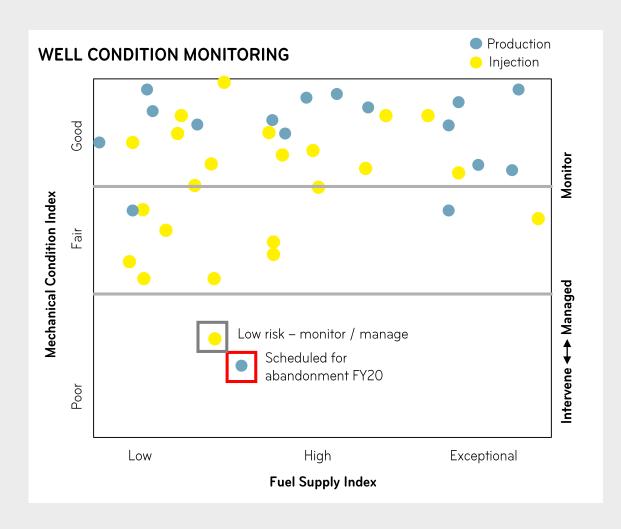
2,697GWh

(previous best 2,595GWh - FY2016)





WELL CONDITIONS ARE UNDERSTOOD AND MANAGED



- > The Well Asset Management System is a condition based approach to manage asset performance and safety
 - > Consistent with Code of Practice for Deep Geothermal Wells; externally audited
 - > Well conditions are categorised by Mechanical Conditions¹ and Fuel Supply² Indices



¹ Mechanical Conditions Index describes the physical condition of a well (casing and cement)

² Fuel Index describes well productivity, which is influenced by reservoir factors



FUEL SUPPLY IS SECURED THROUGH LONG TERM PLAN

Actual and expected well drilling	Туре	2014-2018 (5 years)	2019-2023 (5 years)	2024-2030 (7 years)	
Kawerau	Production	1	2	2	
	Injection	1	2	2	
Ngatamariki	Production	2	0	1	
	Injection	0	1	0	
Rotokawa Joint Venture	Production	2	1.3	2	
(Mercury share)	Injection	0	0	0.7	
Average number of w	ells per annum ¹	1.2 (~ \$16m)	1.3 (~ \$17m)	1.1 (~\$15m)	

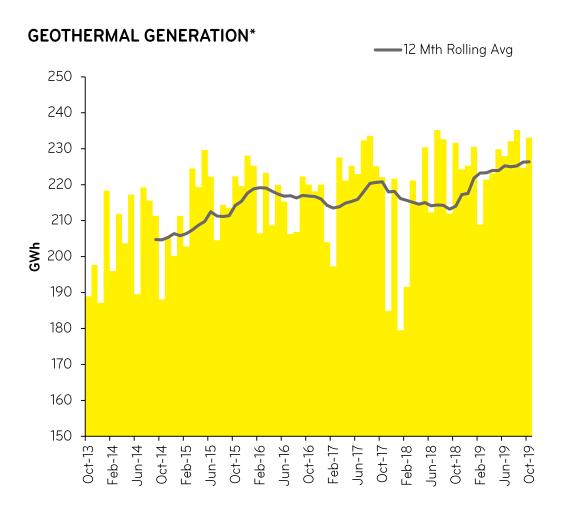
- > Sophisticated reservoir modelling tools are used to support the drilling of "make up" wells to optimise fuel supply (production and injection)
- > Timing of "make up" wells is a function of asset conditions, well productivity and changes in demand
- > The <u>indicative</u> average forward well drilling rate is circa 1.1 wells pa over the next 13 years



¹ A typical standard deep well project cost is ~\$14m per well, consisting of well pad preparation cost, well construction cost and pipeline/control system installation costs



ASSET MANAGEMENT ENABLES INCREMENTAL GEO IMPROVEMENTS



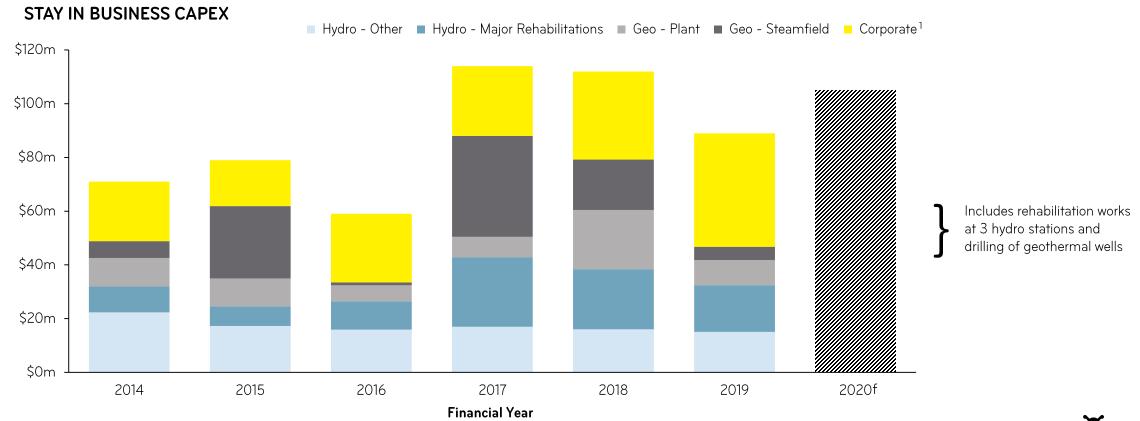
- > Effective asset management framework (reservoir health and plant assets condition) enables Mercury to deliver incremental generation
- > Kawerau delivered additional 17MW opportunity from the original 90MW (net) project without major capex by systematically "hunting down" the next available MW
- > Rotokawa opportunity identified to uplift 5.7MW (net) across Nga Awa Purua and Rotokawa Generation by efficient use of fuel (matching of enthalpy); project in process design review stage targeting commercial assessment at the end of FY20
- > Ngatamariki recent reservoir model update and fuel supply performance review have identified additional 15MW 20MW capacity at this field; conceptual study underway





SIB CAPEX REFLECTS HYDRO RE-INVESTMENT AND GEO DRILLING ACTIVITIES

- > Group Stay In Business CAPEX \$90m over last 5 years
- > Varies year-on-year due to geothermal drilling, hydro re-investment activities and corporate expense (primarily ICT)





PARTNERSHIPS.

TONY NAGEL

GM Corporate Affairs

November 2019

NICK WILSON

Regulatory & Government Affairs Manager





WHAT SUCCESS LOOKS LIKE

OUR FIVE PILLARS



BY 2030 WE WILL BE...



Recognised as a leader within our industry, with our industry recognised as a positive contributor to New Zealand; and Mercury's access to fuel and energy storage enduring and enhanced

WE'RE ON TRACK BY FY2022 IF...

There is bipartisan national, regional and community support for renewable electricity

Existing stakeholder relationships are maintained and strengthened, and new relationships are created, consistent with our purpose and strategy

WHICH WE WILL MEASURE THROUGH...

- ✓ Electricity is viewed as an enabler of the transition to a low carbon economy
- ✓ Key stakeholder relationship plans are in place and are in effect

FOCUS AREAS...

Industry & Research

lwi

Government





Renewable electricity is a key enabler in transitioning to a low carbon economy.





NEW ZEALAND'S COMPETITIVE ADVANTAGE IN ELECTRICITY

- It is a world leading example of a wellfunctioning energy market, which continues to work effectively."¹
- New Zealand is the **only Asia-Pacific country** in the overall top ten and has been there consistently since 2000, demonstrating **longstanding sound energy policies**."²

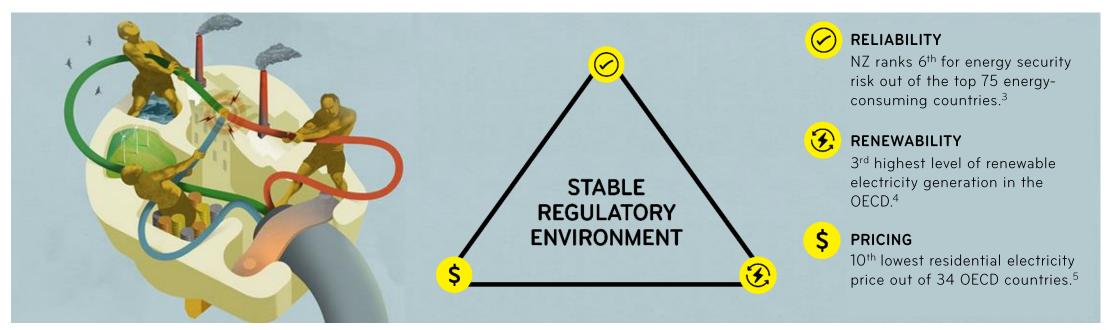


Image Source: Accenture



¹ IEA Publications (2017), Energy Policies of IEA Countries: New Zealand 2017 Review, International Energy Agency, p. 13

² World Energy Council (2019), World Energy Trilemma Index 2019, p. 39

³ U.S. Chamber of Commerce, International Energy Security Risk Index

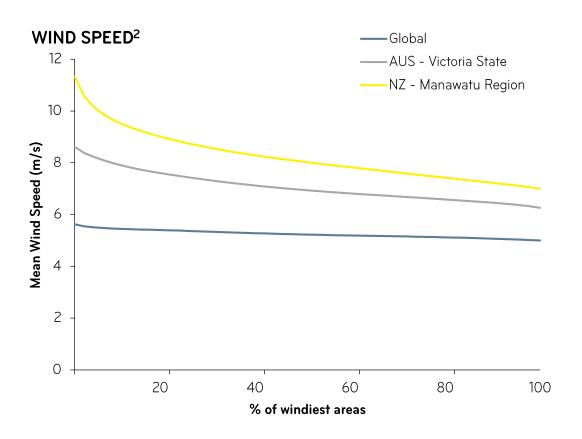
⁴ IEA Publications, Renewables Information (2019 edition), p. 54, Share of electricity production from renewable sources

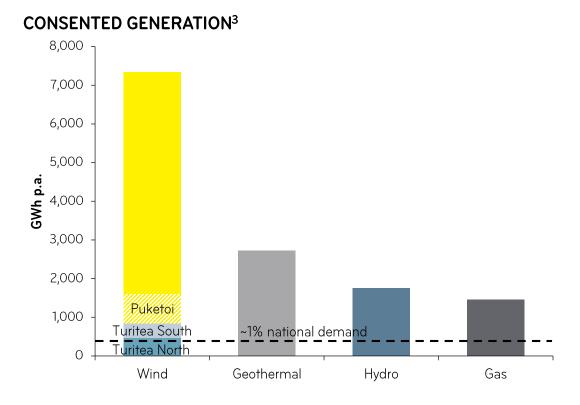
⁵ IEA Publications, Electricity Information (2019 edition), p. 692, Electricity prices for households in US dollars/MWh, converted with purchasing power parities



NEW ZEALAND'S RENEWABLE RESOURCES ARE WORLD-CLASS

Without any direct subsidies or public support, their share in electricity and heat supply has grown in recent years, as a result of cost-competitive geothermal and hydro and very good conditions for wind power. This performance is a world-class success story among IEA member countries."





¹ IEA Publications (2017), Energy Policies of IEA Countries: New Zealand 2017 Review, International Energy Agency



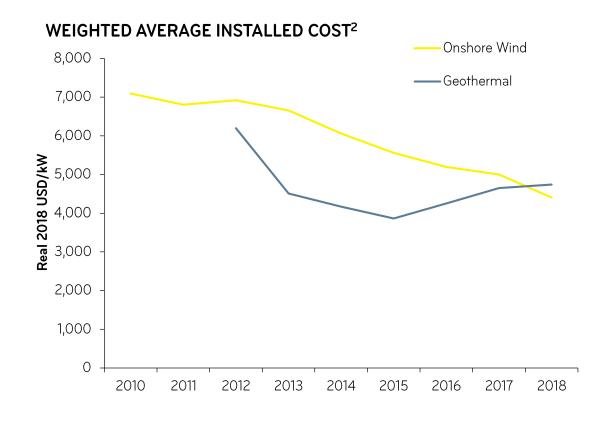
² Wind data obtained from the "Global Wind Atlas 2.0, a free, web-based application developed, owned and operated by the Technical University of Denmark (DTU) in partnership with the World Bank Group, utilizing data provided by Vortex, with funding provided by the Energy Sector Management Assistance Program (ESMAP).

³ Includes projects where consent has been applied for but not yet granted. Source: Electricity Authority – Electricity Market Information, Mercury

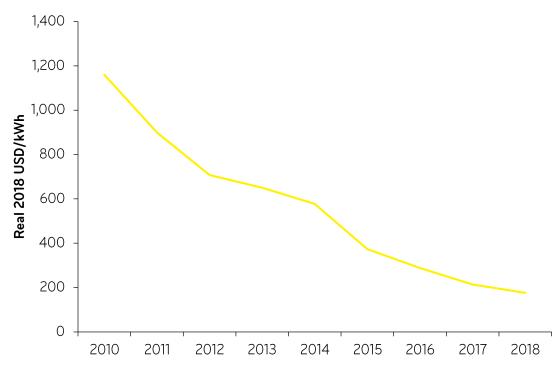


DECARBONISATION ENABLED BY DECREASING TECHNOLOGY COSTS

The simple truth is that the oil industry has never before faced the kind of threat that renewable electricity and EVs pose to its business model."



ELECTRIC VEHICLE BATTERY PACK PRICES³





¹BNP Paribas: Renewable Energy: Good For The Environment – and Good Economics (21 August 2019)

² Figures adjusted for relative capacity factors. Source: Onshore Wind and Geothermal Installed Costs and Capacity Factors - IRENA (2019), Renewable Power Generation Costs in 2018, International Renewable Energy Agency, Abu Dhabi

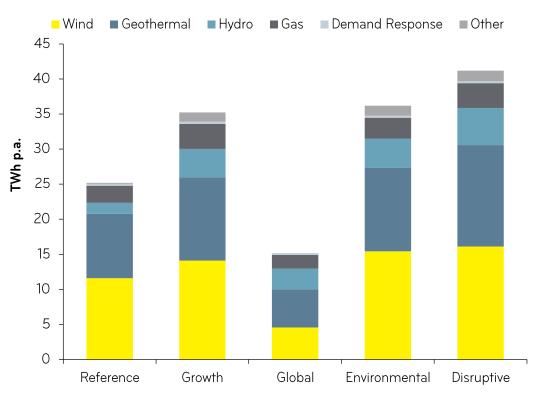
³ Battery Pack Prices – BloombergNEF



TRANSPORT ELECTRIFICATION IS THE OPPORTUNITY FOR NEW ZEALAND

- The ICCC... recommends that the Government prioritises the accelerated electrification of transport and process heat over pursuing 100% renewable electricity... "
- Transport is a major driver of emissions reductions in the energy sector... The expansion of EVs increases demand... most cost effectively met through additional renewable generation."²
- New Zealand is well placed for the future, with a high proportion of renewable power. Electrification of the economy will require significant investment in extra generation".³

MBIE SCENARIOS - NEW GENERATION 2050



Source: Ministry of Business, Innovation and Employment – Electricity Demand and Generation Scenarios, Mercury



¹ Interim Climate Change Committee (2019). Accelerated Electrification. Available from www.iccc.mfe.govt.nz.

² New Zealand Productivity Commission. (2018). Low-emissions economy: Final report.

³ Electricity Pricing Review Final Report (2019)



STABLE REGULATORY ENVIRONMENT CRITICAL FOR INVESTMENT

The Guardian

Clean energy investment falls back to 2016 levels amid policy uncertainty

The recent record investment in renewable energy is showing signs of slowing dramatically, the Clean Energy Council warns



'Chaotic' energy policies threaten vital investment: report

FINANCIAL REVIEW

Gas plant delay ramps up energy uncertainty

Big-stick energy rules hamper 'firm' investment

THE AUSTRALIAN*

Power companies 'need a price signal'





ADDRESSING VULNERABILITY THROUGH PARTNERSHIPS AND INNOVATION

- > Mercury launched pre-pay product GLOBUG in 2010
- > Innovative and unique platform providing payment flexibility to avoid unsustainable debt
- > Base rates aligned with post-pay but significant savings possible by avoiding other standard costs
- > Partnered with budgeting agencies through unique Community Relationship Manager role

GLOBUG customers can save up to \$400 per annum

