

# Capturing value in a customer-inspired Contacts world

### Disclaimer



This presentation may contain projections or forward-looking statements regarding a variety of items. Such forward-looking statements are based upon current expectations and involve risks and uncertainties.

Actual results may differ materially from those stated in any forward-looking statement based on a number of important factors and risks.

Although management may indicate and believe that the assumptions underlying the forward-looking statements are reasonable, any of the assumptions could prove inaccurate or incorrect and, therefore, there can be no assurance that the results contemplated in the forward-looking statements will be realised.

Furthermore, while all reasonable care has been taken in compiling this presentation, Contact accepts no responsibility for any errors or omissions.

This presentation does not constitute investment advice.

## Contact in context

### » Tailwinds

Strong cash generation, distinctive investments operationally embedded

The wholesale market is balanced and retail margin compression has slowed

Highest GDP growth in the OECD, high net migration, low unemployment



Electricity



New Zealand

### » Headwinds

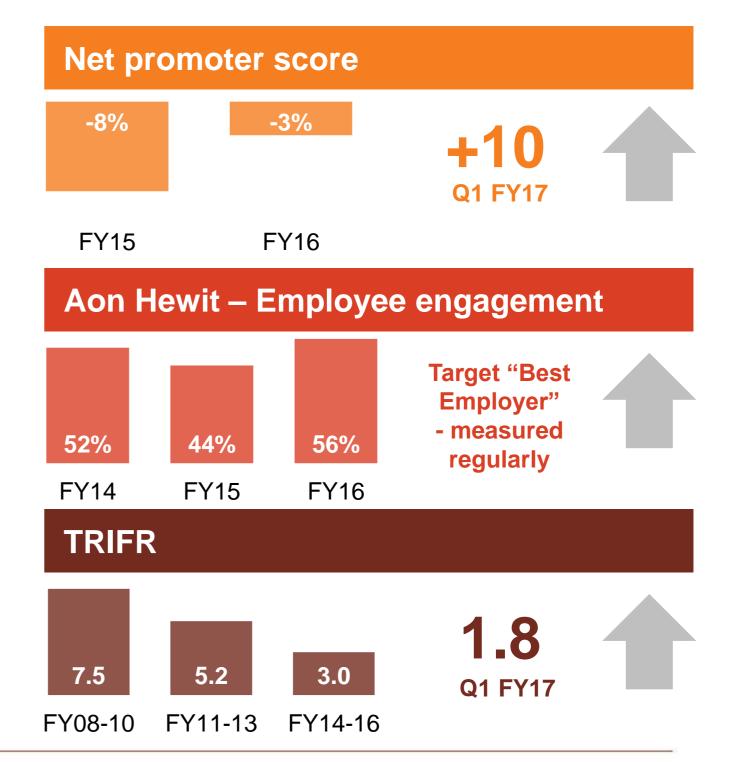
Temporarily higher debt levels than peers

High churn, mixed demand outlook and potential industrial closures

Global uncertainty and rise of anti-globalisation and New Zealand's reliance on trade

## Charting our own improvement path





## 12 months ago we outlined our customer strategy across the value chain



Understanding, winning and keeping customers

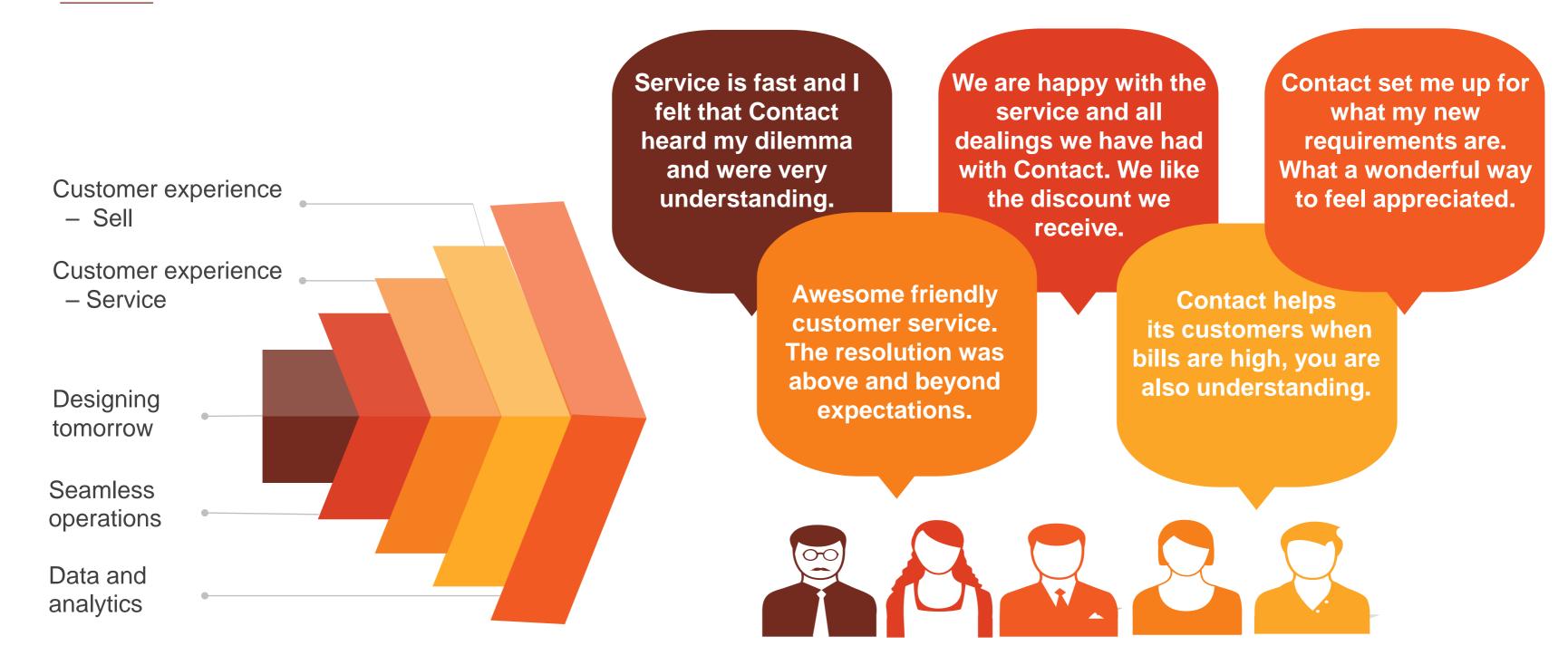
Understand – Build propositions – Promote them – Provide great service – Support the operations

» Customer intimacy is built through Data + Digital + Innovation + Agility being embedded in every step of the chain

# Since then we have seen our rate of progress accelerate

#### Pre November 2015 Progress since November 2015 Shaping customer Chief Customer Complete exit from Customer strategic SAP driven cost Infrastructure moved organisation for Officer appointed Origin infrastructure review completed reduction to cloud services success SAP release 3 SAP release 2 SAP release 1 adds SAP release 4 Smart. connected SAP go-live New technology trials adds billing resolves billing home technology credit checking adds new products capability issues New products rebase Released LPG **Dedicated SME** Electricity app SMS capability across Leverage SAP data C&I digitisation the way the market released the customer journey and insight service team ordering app prices Increased digitisation New retail website Simplified Customer intimacy Contact returns to Full review of costs On-line services of customer TV advertising work programme launched communications refreshed and reward structures interaction points Electrification of Fixed 16/17 product Door to door channel EV and PV tariffs and Partnering to deliver App & self service Customer on-boarding Contact passenger released realigned to value growth models value adoption drive & lifecycle mgmt fleet continues Operationalisation of On-shoring back office Call centre metrics Quarterly health Sales & service Process mapping & SAP stabilisation functions to improve trending to pre go-live predictive churn check calls channel optimisation re-engineering levels customer interactions modelling Automated Networks Late bills backlog Upfront credit Improved credit Meter reading redisconnection of reconciliations checking contracting cleared pathing vacant properties improvements

# And what we have done is resonating with our customers



Contact Energy Capturing value in a customer inspired world

November 2016

## Capturing value in a customer-inspired world

Graham Cockroft
Chief Financial Officer

Dennis Barnes
Chief Executive Officer

James Kilty
Chief Generation Officer

Vena Crawley
Chief Customer Officer

Damian Woolfall: Head of Seamless Operations
Stephen Hastings: Head of Data Analytics
Matt Bolton: Head of Customer Engagement - Win
Michael Pryor: Head of Designing Tomorrow

Maintaining financial discipline



Competitive markets are key for realising value from new technology



Driving value from our generation portfolio



Technology is creating a world of opportunities for a great ME-tailer



#### **Customer inspired in action**

1 - Strengthening our core, 2 - Data and analytics,

3 - Flexing with our customers, 4 - A view to the future



Contact Energy November 2016

Capturing value in a customer inspired world



Maintaining financial discipline
Graham Cockroft – Chief Financial Officer

## Our financial framework

» Our focus is on free cash flow generation and ensuring a robust balance sheet

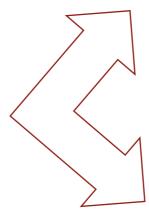
#### Free cash flow

- » Operating cash flow
  - Less net interest paid
  - Less stay in business capex
  - Add proceeds from asset sales

#### Balance Sheet



 Net debt / EBITDA ratio of 2.6 – 3.0



#### Distributions

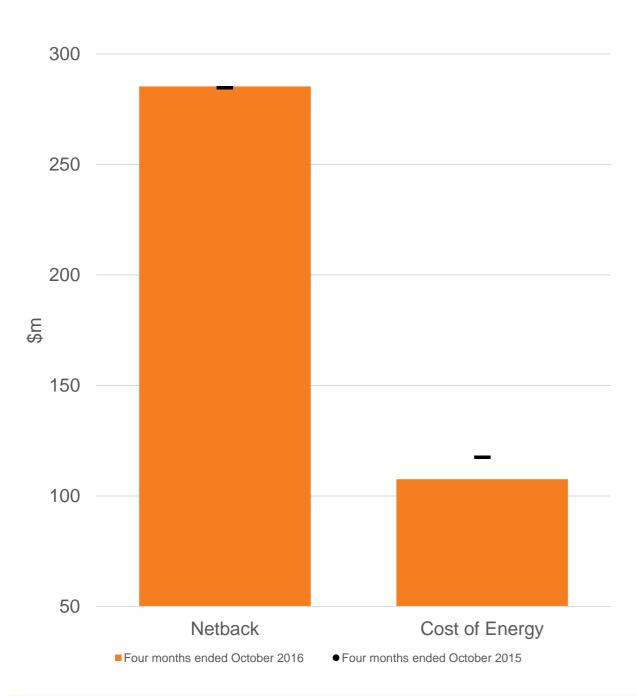
- » Ordinary dividend equal to 100% underlying profit
- » Special dividend where imputation credits available
- » Share buyback

### Investment in growth

- » Returns greater than risk adjusted cost of capital
- » Focus on areas of strength



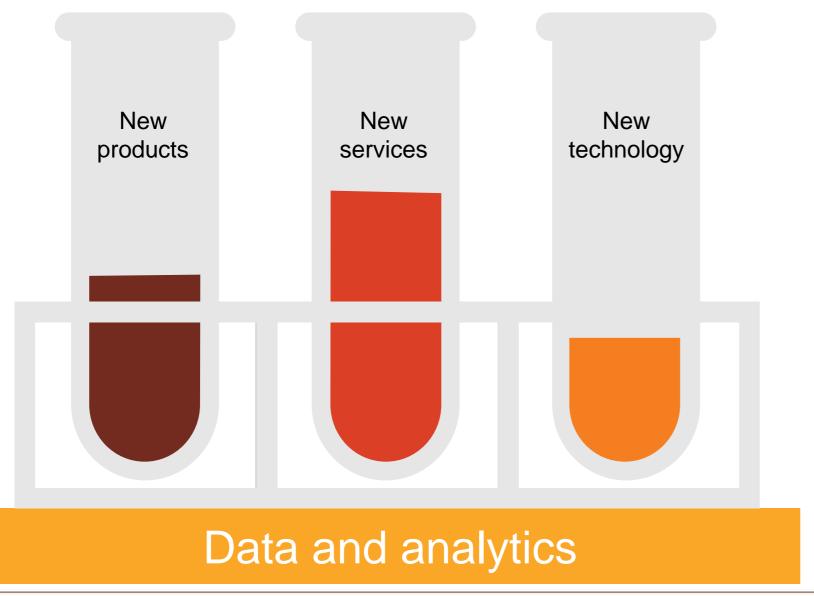
# Current performance supports strong cash flows



- » New products and prices aligned to value, for the customer and Contact
- » Lower mass market usage per customer
- » Small decrease in customer numbers following the repricing of a below market fixed price product
- » Hydro generation strong, geothermal outage at Te Mihi close to completion
- High national hydro levels have seen thermal generation replaced with lower cost CfD's and deferral of TCC major maintenance
- » Other operating expenses favourable relative to prior year

# Capturing customer inspired value will require innovation and discipline

### » Understand the opportunity

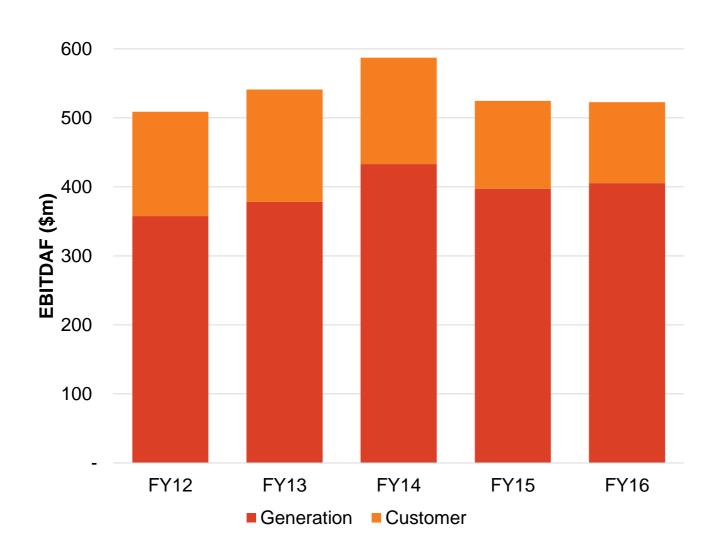


### » Decision framework

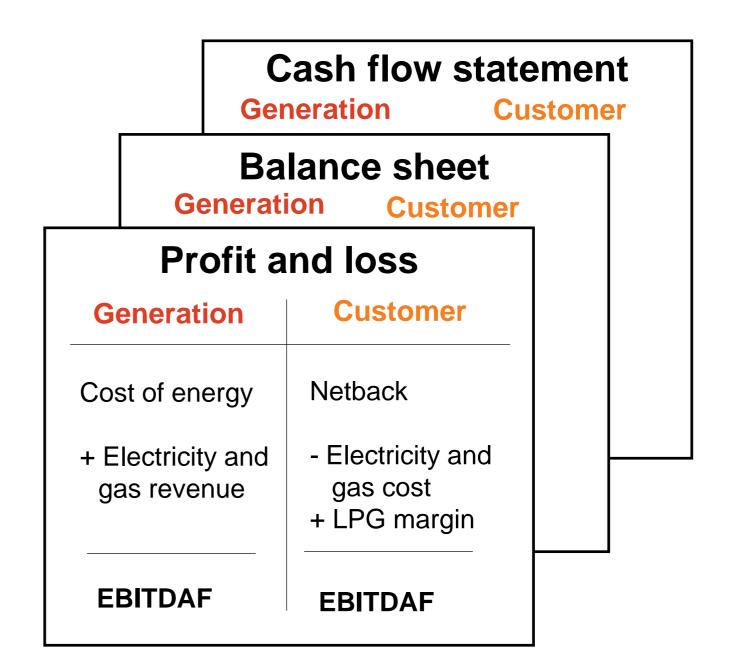
- Value defined by customers
- Scalable
- Leverages existing capabilities and cost structures
- Complementary partnerships
- Impact on market(s)

## Transparency of performance will drive focus

#### » Indicative EBITDAF



» Transfer price reflects the cost for a standalone retailer to purchase electricity from a generator and is linked to the ASX futures price



# The efficient return of free cash flow remains a priority

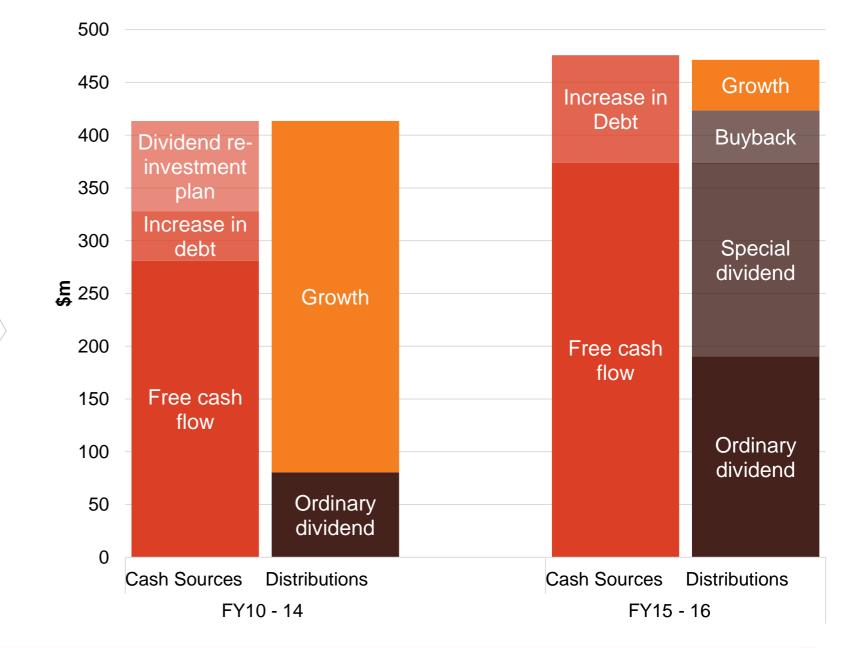
### » Prudent financial management

Between FY10 and FY14 our growth investments in generation assets and systems exceeded our free cash flow

By FY15/16 those investments had increased our free cash flow and, with lower growth capex, we have been able to increase our cash distributions

Prior to Origin's exit at the end of FY15, we paid a fully imputed special dividend, which led to an increase in our gearing

### » Annual average sources and uses of cash





# Contact remains committed to an investment grade credit rating

### » Contact has had a BBB rating since 2002 : Why BBB?



Solid foundation for the management of operational and financial risks



Efficient capital structure



Access to diverse sources of funding markets and jurisdictions

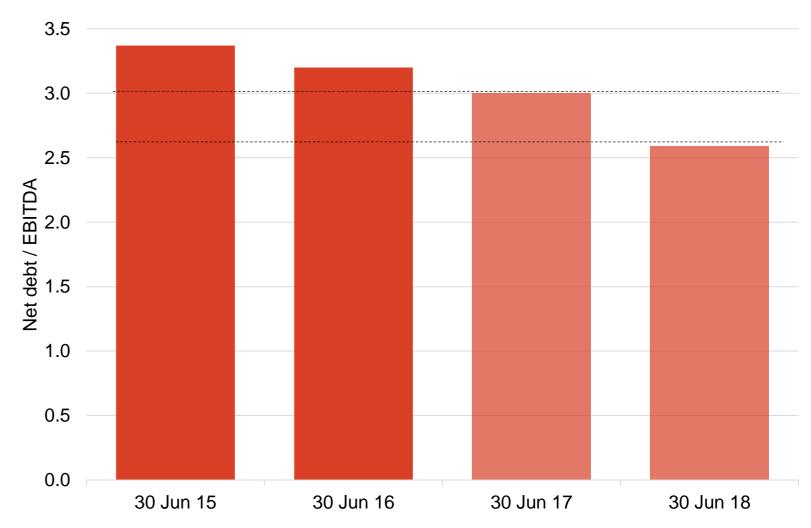


Attractive relative pricing and terms



A margin of safety within the investment grade rating

### » Debt levels and interest costs falling, with key S&P metric forecast to return to target



Target net debt / EBITDA ratio of 2.6 – 3.0

## Summary

Financial framework prioritises a robust balance sheet, with strong cash flow generation directed to debt repayment

Disciplined approach to the assessment and funding of new opportunities

Cost control and performance management the current focus











### **Activities**

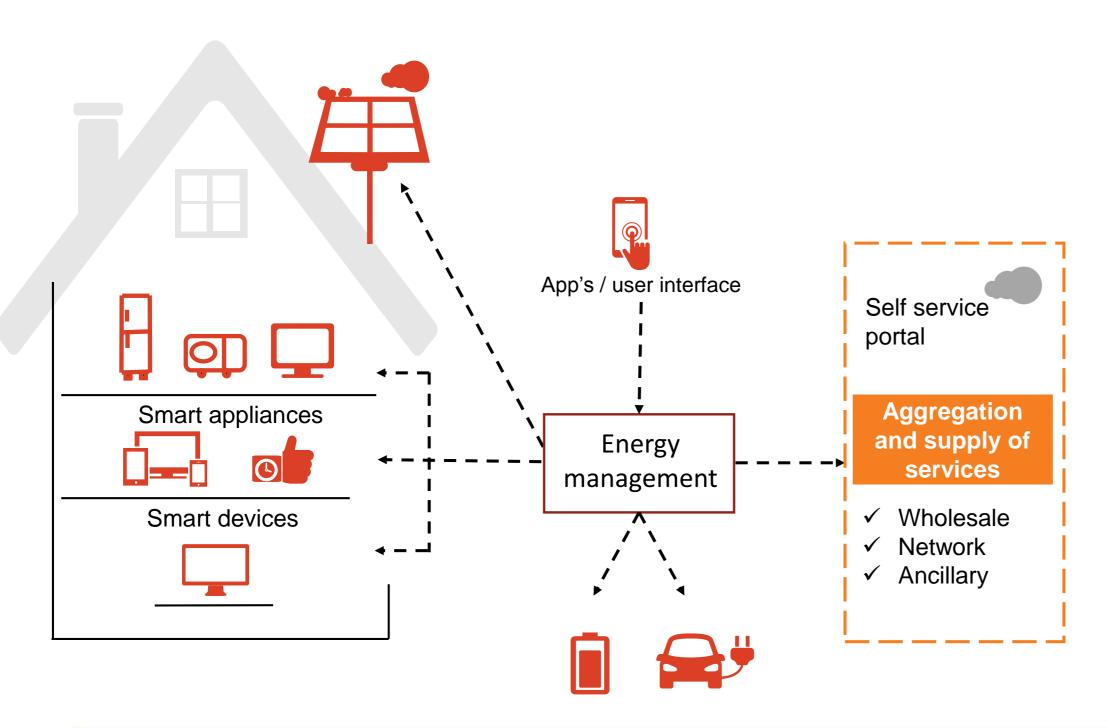
Would you spend your day soaking in culture or soaking in nature? Perhaps you'd catch a local gig or your favourite sport. Tell us what activities you choose to do on holiday, then select next





Dennis Barnes – Chief Executive Officer

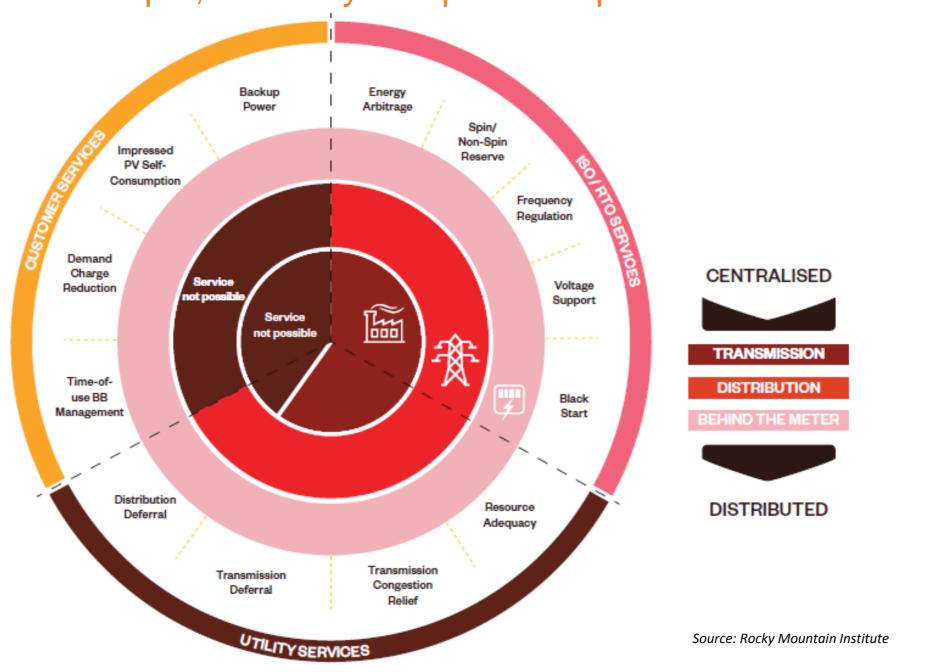
# Technology will give customers more choice and control



An integrated energy retailer is well positioned to aggregate and provide services to the Retail,
Wholesale and Network markets

# Technology can be deployed across the value chain

» As an example, a battery can provide up to 13 services to three stakeholder groups



New technology should play a significant role in minimising the \$10 - \$15bn of forecast investment in generation energy and capacity, transmission and distribution over the next 10 years

# A customer centric view of regulation is likely to result in the best market outcomes

Contact has been active in promoting our regulatory manifesto as a framework for pursuing a competitive electricity market in New Zealand

### **Simplicity**

Market complexity costs Contact and consumers money. It's our job to make the complex simple

#### Transparency

Customers
define
transparency.
Every element of
what we do and
charge can be
defended
factually and as
reasonable

#### Access

There should be a reasonable way for everyone to live comfortably with energy

### Competition

Promote market design changes to ensure greater competition. A healthy competitive market is best for customers

### **Profitability**

It is in New
Zealand's longterm interests for
investors to
make a
reasonable
return on
investment

- » Our recent submissions have focused on:
  - » Getting the right regulatory settings for consumers' to have choice, certainty, and control
  - » A level playing field for market participants for emerging technologies
  - » Ensuring consumers are not overpaying for monopoly services

# In parallel we are testing and learning what our role might be

Distributed energy

Storage & demand response

Electric vehicles

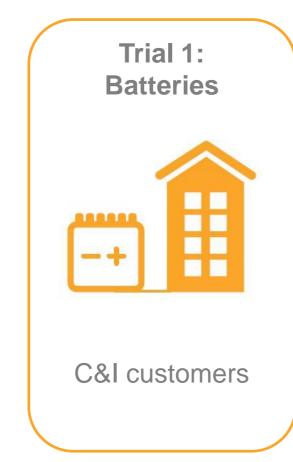
Large-scale generation

Poles, wires and peaker generation

Petrol vehicles

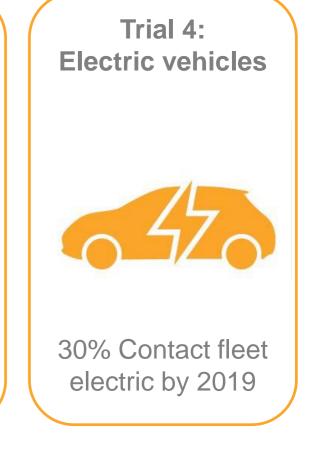
Customer trials are underway, helping us build our understanding for new services

### Currently trialing combinations of new technologies













# Driving value from our generation portfolio James Kilty-Chief Generation and Development Officer

# Well run generation and wholesale operations currently drive most value



Discretionary thermal generation



Strong internalised risk management

Low cost renewable generation portfolio

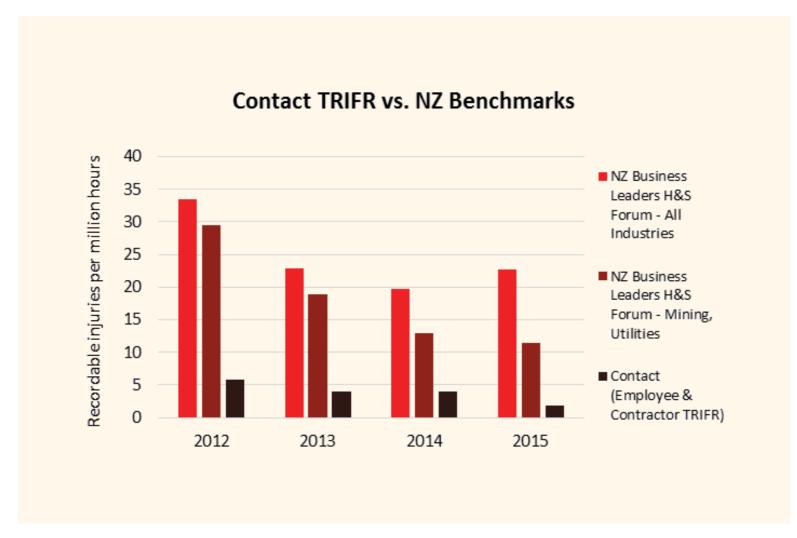


Balanced wholesale market



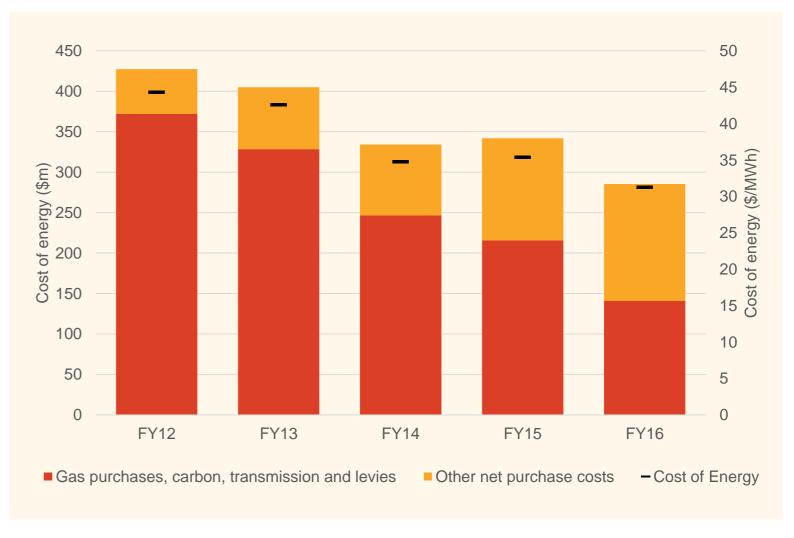
## A focus on continuous improvement

### » HSE achievements and capability



» Safety and operational reliability improvement – with our "Safe to Run" programme

### » Record of driving down the cost of energy

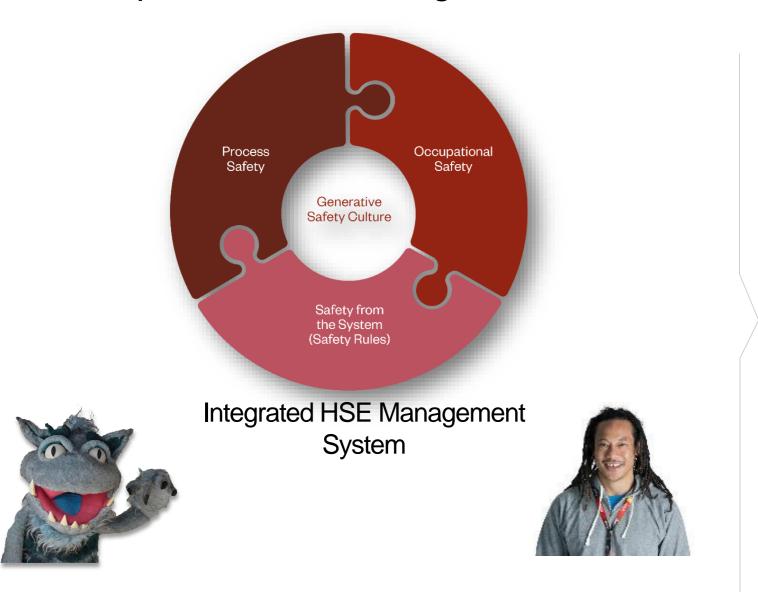


» Target an ongoing improvement in the cash cost of energy

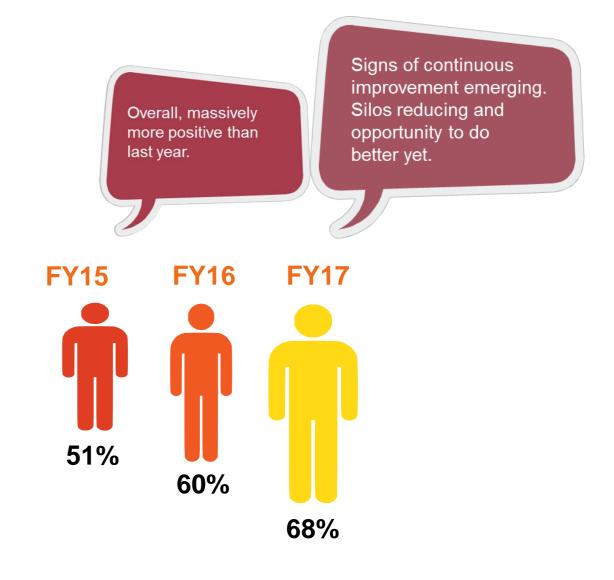


## Safe to Run is driving operational improvement

» Our world class process safety improvement programme, Safe to Run, is driving core improvements to our generation business with some unexpected upsides







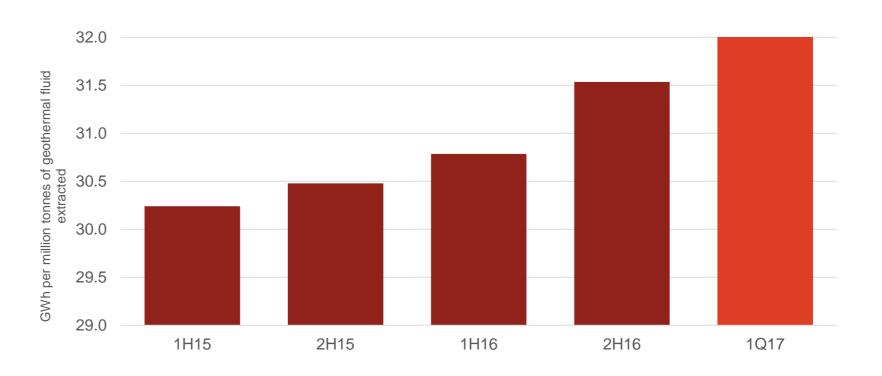
# Improving the efficiency of our geothermal business with our world class capability

» Geothermal has become an increasingly important contributor to Contact's earnings

~25%
of Contact FY12
underlying EBITDAF

~35%
of Contact FY16
underlying EBITDAF

» We will continue to improve the efficiency of our geothermal assets

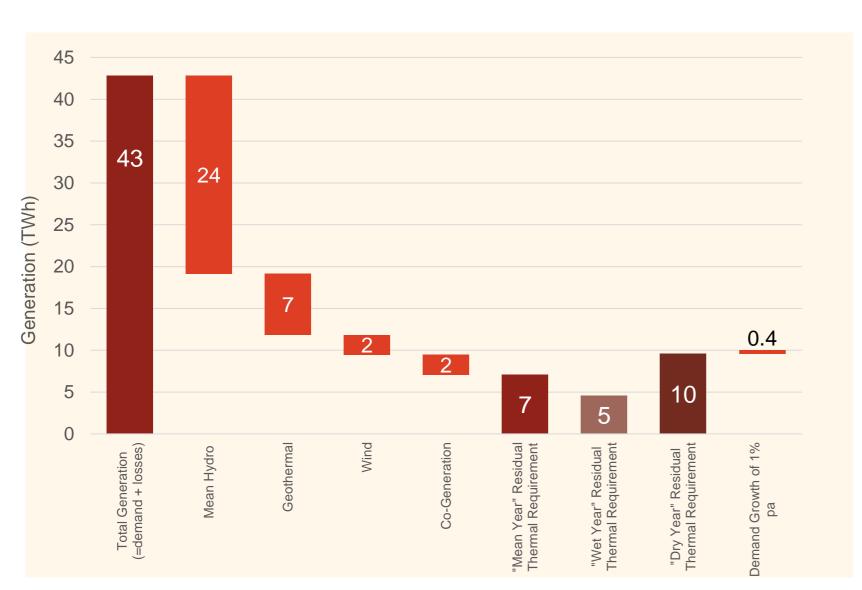


- » 6% improvement in conversion efficiency
- » Generation capacity optimisation has increased extraction to 99.9% of consented mass take in 1Q17 (FY16 – 98.9% and FY15 – 93.6%)

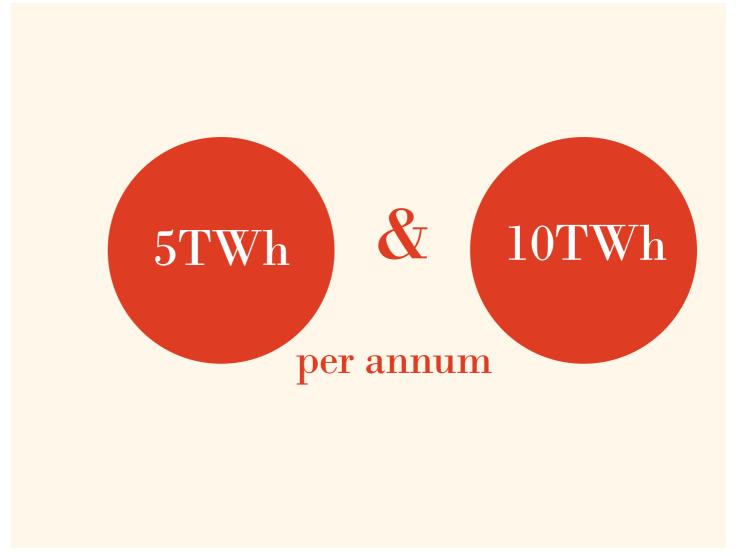


# Our market is balanced with no new generation required

» Further thermal asset closures possible if costs not recovered under some scenarios



» There's a clear role for thermal assets to generate between...









## Our thermal plants manage risk



### Thermal Strategy

### **Taranaki Combined Cycle (TCC)**

- » Discretionary support for C&I sales
- » Gas tolling / winter firming role
- » Must recover margin on costs

#### **Stratford Peakers**

- » Internalise hydro risk management, supported by Ahuroa Gas Storage
- » Targets peak prices



- » Base load role
- » Peaking option during dairy off-season
- » Supported by long term gas agreement

#### **Whirinaki**

- » Portfolio insurance
- » Little market interest in cap products



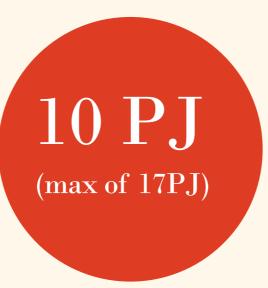
## Our fuel position provides flexibility



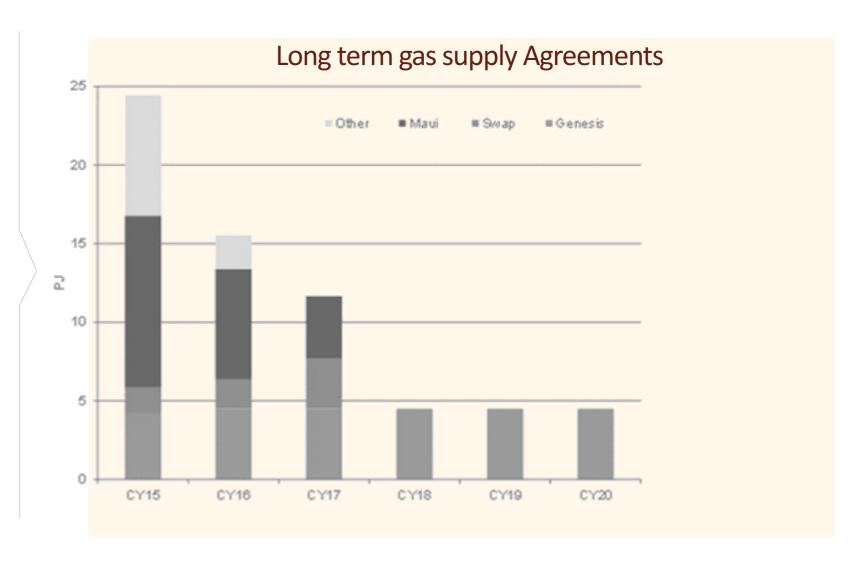
### **Ahuroa Gas Storage (AGS)**

» Current stored volume =

» Option of selling to third parties / mid stream role



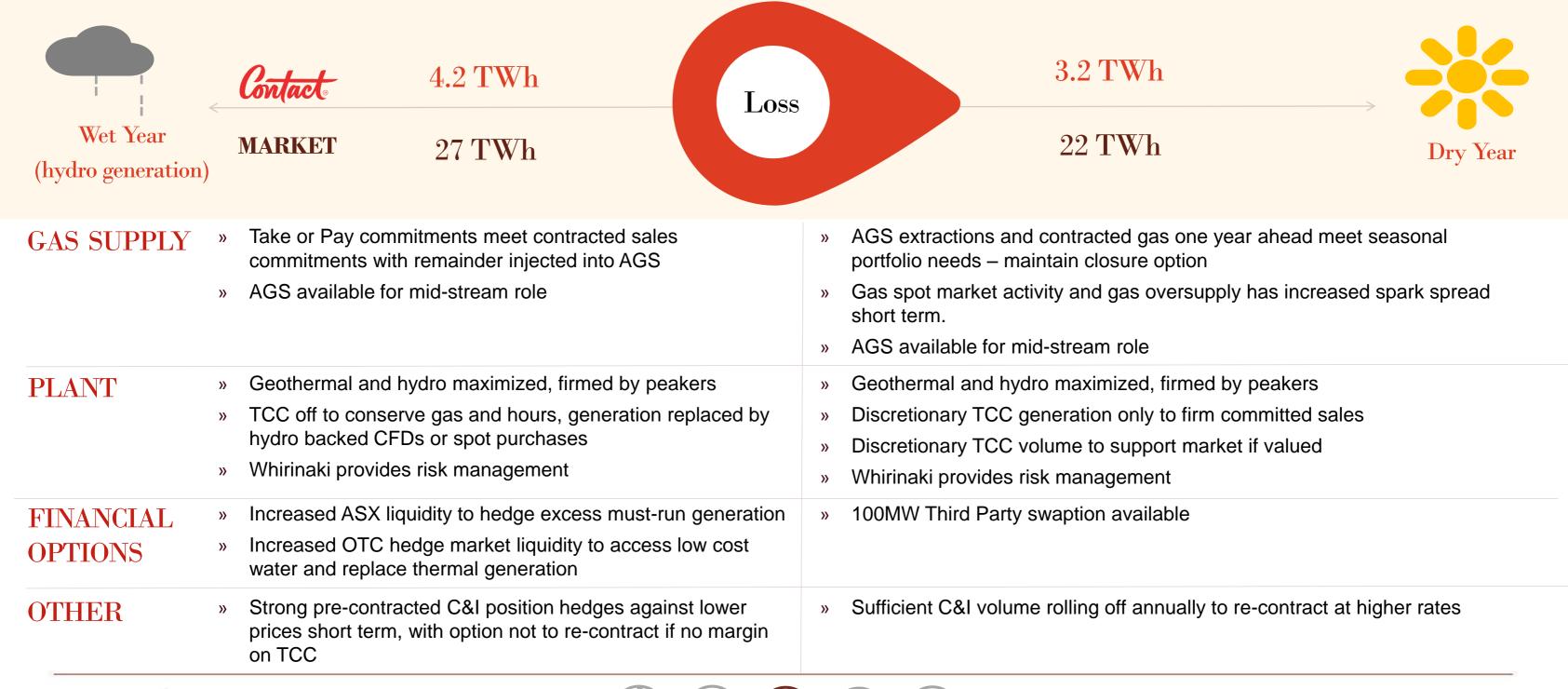
» Intention only to purchase portfolio gas (to complement AGS) on year ahead basis



» Enables closure if return on capital not available for discretionary thermal generation



# We're well positioned to manage our short-term wholesale costs



# Many factors affect future wholesale energy/capacity balance



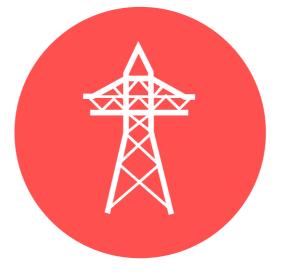
#### **Demand**

- » Little winter growth year on year (temp adjusted)
- » Unadjusted decrease of 1.8%
- » MBIE / Transpower forecast of ~1.1% growth
- » Estimated population growth of 320k p.a. by 2020
- » Household consumption falling (per ICP)
- » Commercial / agricultural demand increasing



#### **Industrial demand**

- » NZAS's early termination option is affecting all sectors
- Resulting North
   Island peaking
   requirements
   depend on HVDC
   options



#### **Grid generation**

- » Market conditions do not support new investment
- » Plant retirement(s) and reduced capital investment on life extension can respond to changes



#### **Fuel**

- » ~ 12 years of gas supply
- » Medium term over supply tightens with low oil price reducing production – Methanex decisions could extend over supply
- » Ample LPG, coal and diesel supply
- Carbon price increasing



#### **New Technology**

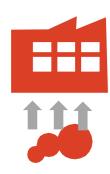
- » PV currently ~61GWh pa. Uptake rate will be affected by TPM implications
- » EVs currently ~ 5.5GWh pa. Uptake rate affected by customer choice
- » Economics improving but regulation driving uncertainty

## We are well positioned for the long term



#### **THERMAL**

- » 400 MW of peaking generation consented at Stratford potential replacement of TCC/Huntly Expansion options at AGS for mid stream role dependent on third party demand
- » Option of shifting Whirinaki
- » Option to close thermal plant if not rewarded



#### RENEWABLES CHANGE

- » Tauhara geothermal fully consented and New Zealand's lowest cost base-load option
- » Post 2026 options to replace Wairakei
- » Ohaaki fueling options
- » Well-managed hydro assets have an increasing role in balancing the portfolio
- » Lower South Island transmission planning well prepared with the risk of Tiwai exit increasingly manageable
- » Contact supports both the TPM review process and a beneficiary pays methodology



### TECHNOLOGY

- » Conducting network based trials (supporting Customer 3.0)
- » Reviewing grid connected PV and network connected storage options



**LPG** 

- » Further optimisation of wholesale services with other parties
- » Existing assets will support market growth



# Well run generation and wholesale operations currently drive most value

### **Summary**

- Strong earnings performance from core renewable business, firmed by Ahuroa Gas storage and Stratford Peakers
- Discretionary thermal generation available if it delivers margin on commercial and industrial sales
- » Market balanced short-term with some uncertainty long-term
- Contact well positioned to manage risks in all conditions

### **Targeting the basics**

- Safety and operational reliability
   improvement with our Safe to Run programme
- » Engagement improvement
- » Cost of energy improvement
- Wholesale market that supports a return on capital



Trading for Value





Sustainable new revenue



Technology is creating a world of opportunities for a great ME-tailer Vena Crawley – Chief Customer Officer

# Our evolution from an Essential Services business to a Living Services business

**Core Activities** 

#### **Sustain**

**Lowest Cost to Serve** 

Expand beyond energy. Seek scale efficiencies.



#### **Optimise**

**Lower Cost to Acquire & Retain** 

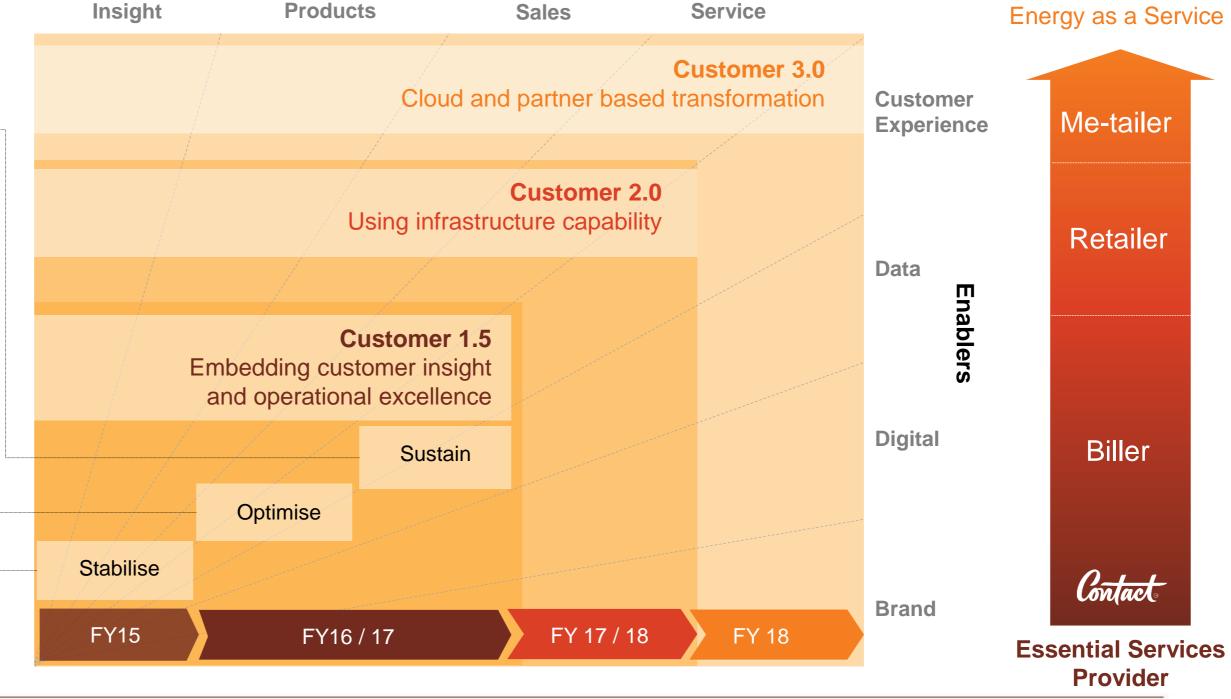
Optimise customer touchpoints and value. Provide tailored products and services for priority segments.



#### **Stabilise**

Data | Digital | Flexible Products | Service Model

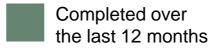
Stabilising SAP. Securing and strengthening our core business.

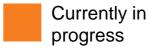




# Now delivery speed is accelerating as we become truly customer inspired

Pre November 2015			Progress since November 2015					
Chief Customer Customer str Officer appointed review comp		AVASIAISSIIIAA IIAV		riven cost uction	Infrastructure moved to cloud services	Complete exit from Origin infrastructure		
SAP go-live	SAP release 1 adds credit checking	SAP release 2 resolves billing issues	SAP release 3 adds billing capability	SAP release 4 adds new products	New technology trials	Smart, connected home technology		
Released LPG ordering app	Dedicated SME service team	Electricity app released	SMS capability across the customer journey	Leverage SAP data and insight	New products rebase the way the market prices	C&I digitisation		
New retail website launched	Contact returns to TV advertising	Simplified communications	Customer intimacy work programme	Increased digitisation of customer interaction points	On-line services refreshed	Full review of costs and reward structures		
Fixed 16/17 product released	Door to door channel realigned to value	Electrification of Contact passenger fleet continues	EV and PV tariffs and growth models	Partnering to deliver value	App & self service adoption drive	Customer on-boarding & lifecycle mgmt		
SAP stabilisation	Call centre metrics trending to pre go-live levels	Operationalisation of predictive churn modelling	On-shoring back office functions to improve customer interactions	Quarterly health check calls	Process mapping & re-engineering	Sales & service channel optimisation		
Late bills back cleared	klog Upfront cr checkin	UISCOTTIE	ection of Improv	ved credit thing	Meter reading re- contracting	Networks reconciliations improvements		





# We updated on the progress on SAP stabilisation and mapped the key workstreams

Earlier			Next steps					
Chief Customer Customer stra Officer appointed review completed		organis	organisation for		riven cost uction		Infrastructure moved to cloud services	Complete exit from Origin infrastructure
SAP go-live	SAP release 1 adds credit checking	SAP release 2 resolves billing issues	SAP release adds billing capability	9	SAP release 4 adds new products		New technology trials	Smart, connected home technology
Released LPG ordering app	Dedicated SME service team	Electricity app released	SMS capability a		Leverage SAP data and insight		New products rebase the way the market prices	C&I digitisation
New retail website launched	Contact returns to TV advertising	Simplified communications	Customer intin		Increased digitisation of customer interaction points		On-line services refreshed	Full review of costs and reward structures
Fixed 16/17 product released	Door to door channel realigned to value	Electrification of Contact passenger fleet continues	EV and PV tariff growth mode		Partnering to deliver value		App & self service adoption drive	Customer on-boarding & lifecycle mgmt
SAP stabilisation	Call centre metrics trending to pre go-live levels	Operationalisation of predictive churn modelling	On-shoring back functions to impound customer interactions	orove	Quarterly health check calls		Process mapping & re-engineering	Sales & service channel optimisation
cleared checking			nection of pathing			Meter reading re- contracting	Networks reconciliations improvements	

# Now delivery speed is accelerating as we become truly customer inspired

Pre November 2015			Progress since November 2015					
Chief Customer Customer strategic Officer appointed review completed		oleted organis	customer ation for cess	Infrastructure moved to cloud services	Complete exit from Origin infrastructure			
SAP go-live	SAP release 1 adds credit checking	SAP release 2 resolves billing issues	SAP release 3 adds billing capability	SAP release 4 adds new products	New technology trials	Smart, connected home technology		
Released LPG ordering app	Dedicated SME service team	Electricity app released	SMS capability across the customer journey	Leverage SAP data and insight	New products rebase the way the market prices	C&I digitisation		
New retail website launched	Contact returns to TV advertising	Simplified communications	Customer intimacy work programme	Increased digitisation of customer interaction points	On-line services refreshed	Full review of costs and reward structures		
Fixed 16/17 product released	Door to door channel realigned to value	Electrification of Contact passenger fleet continues	EV and PV tariffs and growth models	Partnering to deliver value	App & self service adoption drive	Customer on-boarding & lifecycle mgmt		
SAP stabilisation	Call centre metrics trending to pre go-live levels	Operationalisation of predictive churn modelling	On-shoring back office functions to improve customer interactions	Quarterly health check calls	Process mapping & re-engineering	Sales & service channel optimisation		
Late bills backlog cleared  Upfront credit checking  Automated disconnection of vacant properties  Improved credit pathing					Meter reading re- contracting	Networks reconciliations improvements		

# Delivering return on investments in systems and capability

We've listened to our customers and delivered

- New products
- Battery and solar trials

We've improved how we operate

- Debt management processes
- Streamlined online experience

We've organised our business for the new world

- Refreshed customer leadership team
- Digital and analytics capability

	1H15	2H15	1H16	2H16	YTD17
Change in customer numbers	-7,300	-1,600	-9,800	+5,380	-1,450
Average time to answer (seconds)	220	268	222	141	138
Churn (variance to market)	+2.9%	-0.2%	+1.1%	-1.3%	-0.3%
% of residential customers on >10% discount	63%	70%	76%	82%	82%
% on a fixed term product	9%	10%	11%	24%	26%
% with MM dual fuels or products	18%	20%	20%	22%	22%
Cost to serve per customer	\$113	\$124	\$122	\$106	\$79 (4mths)
Number of vacant properties	12,800	11,500	10,000	4,500	4,200
Average late bills >30 days	12,000	5,000	2,000	1,100	771
Bad debt expense (net) as a % of retail revenue	0.55%	0.70%	0.67%	0.52%	0.50%

Contact Energy November 2016 Capturing value in a customer inspired world

## Organisational agility will be vital

» The digitisation of everything and liquid expectations of customers will fundamentally change the market forces, reinventing all product and service constructs and fueling new competitive dynamics.



**Digital Everything:** Growing infusion of digital technology into the hardware and built environments that surround us in the modern world **Customer Liquid Expectations**: Service expectations are no longer being set within an industry, but across it – by the leading experience providers.

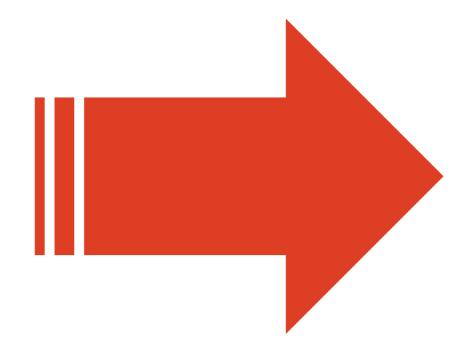
# Strengthening our core while pursuing our customer strategy

SUSTAIN WHAT WE HAVE

MOVE AWAY FROM PURE OPERATIONAL RETAILING

**OPEN UP THE DIALOGUE** 

**FOCUS ON UNIQUE VALUE** 



## Positioning for a new world



## Customer inspired in action

### Strengthening our core

**Damian Woolfall** 

Head of Seamless Operations

### Data and analytics innovation and performance

**Stephen Hastings** 

Head of Data Analytics

### Flexing with our customers

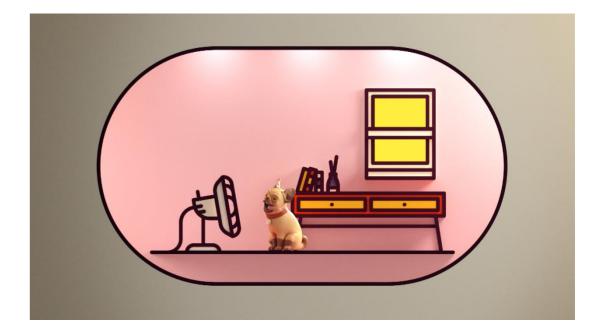
**Matt Bolton** 

Head of Customer Engagement - Win

#### A view to the future

**Michael Pryor** 

**Head of Designing Tomorrow** 

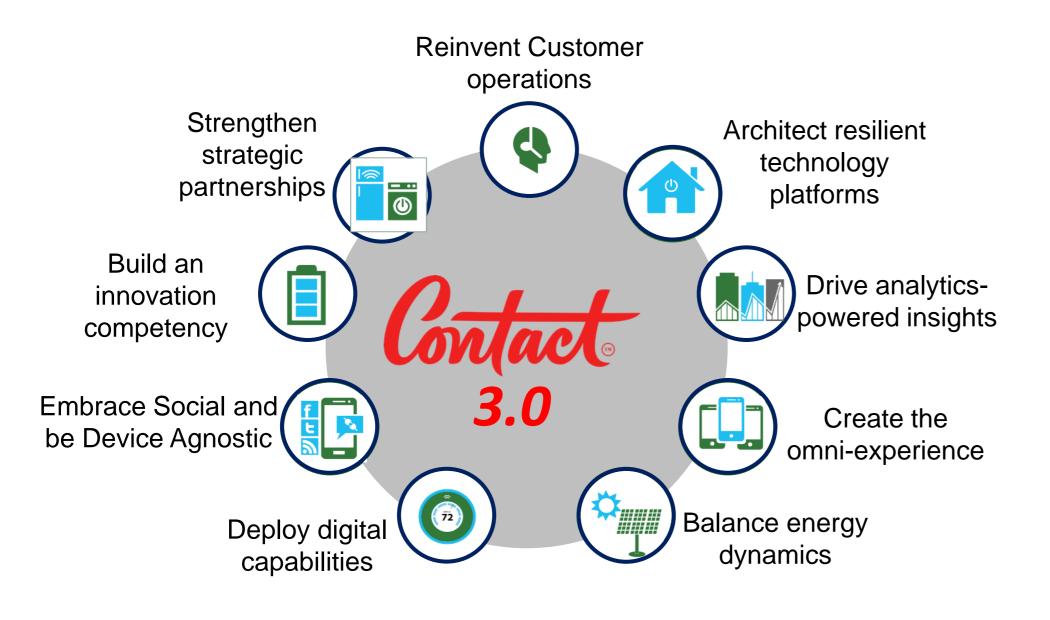






# Keys to delivering returns from our customer strategy

#### » 'Must Dos'



#### » 'Must Haves'

Digital customer interaction

Competitive /
Commercial
Mindset

Nimble Product /
Pricing
development

**Unique Partnerships** 

**Integrated Analytics** 

Collaborative Culture

# Extracting value from a deep customer relationship



#### **ADVICE PROVIDER**

Provide specific solution and lifestyle suggestions based on deep customer knowledge, insights and purchasing algorithms and data.

#### **ACCESS FACILITATOR**

Support the customer everyday/anywhere in accessing solutions that enable them to live the lifestyle they choose.

#### **VALUE AGGREGATOR**

Assemble components (energy, living services, own and third parties) to create an integrated solution for customer needs and wants and represents value.