



Origin Energy

Macquarie Conference

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Frank Calabria, CEO



- Stronger cash flow and financial position
- Getting energy right for our customers and communities
- Near term headwinds in Energy Markets but well positioned to connect customers to the energy and technologies of the future
- Cost out on track at APLNG, reserves growth potential through exploration
- FY2019 guidance unchanged

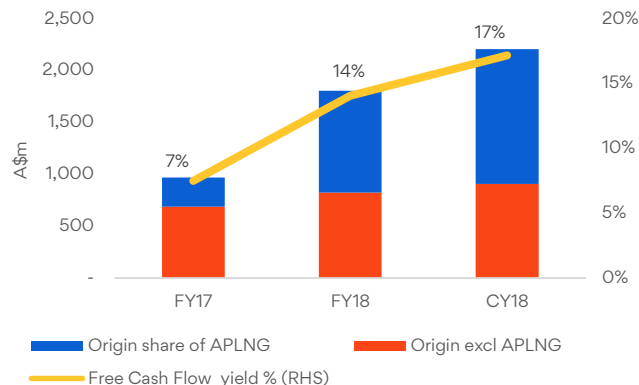
Stronger financial position



- Both businesses generating significant cash flow
- Target capital structure in sight
 - Credit rating upgraded to BBB stable / Baa2 stable
- Disciplined capital management
- Base dividend reinstated
- Portfolio management
 - Continued non-core asset sales
 - Investment in Centralised Energy Services

1) Free Cash Flow Yield based on 12 month rolling Proportionate Free Cash Flow (operating cash flow less capex) and 30 day VWAP for Origin of \$7.32 per share at 29/4/19

Proportionate Free Cash Flow¹



Adjusted Net Debt/Adjusted Underlying EBITDA



Getting energy right for our customers



Price relief

- Absorbed higher wholesale costs in NSW in FY2018
- Reduced prices for concession customers
- No increases for customers in our hardship program since 2016

Reliable generation

- Maximising generation output and flexibility
- ~650 MW of contracted renewables brought online since March 2016 (firmed by existing fleet)

Customer experience

- Improving Net Promotor Scores
 - Increasing digital interactions
 - Energy Charter - Industry-led initiative addressing customer expectations
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Getting energy right for our communities



Origin Foundation

- \$24 million to support communities and education since 2010
- >5,000 employee volunteer hours in HY2019

Indigenous support

- Growing Indigenous employment
- Increased procurement from Indigenous suppliers
- Supported by Native Title holders, applying principles of FPIC

Working with local communities

- \$126 million regional procurement in HY2019
- 97% of treated CSG water available for use was put to beneficial use (irrigation, aquifer reinjection)

Climate change initiatives

- Growing renewables – targeting additional 530 MW contracted wind online by 2020
 - Committed to halving carbon emissions by 2032
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Regulatory changes to standing offers

- Victorian Default Offer (VDO)
 - Bottom up methodology
 - Applies to customers on standing offers in VIC
 - \$20 million annual revenue reduction estimated (based on draft determination)

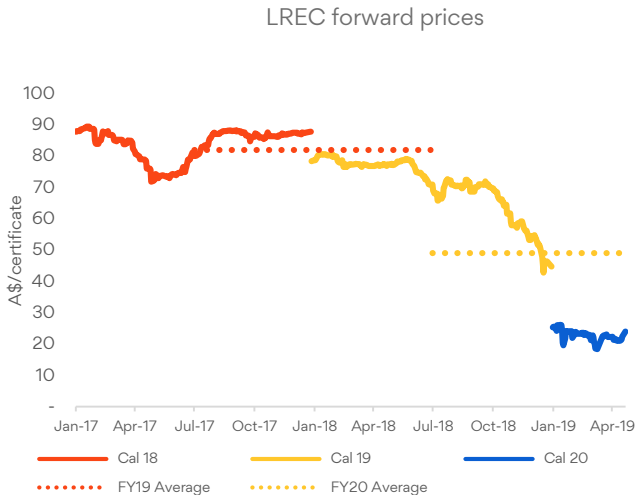
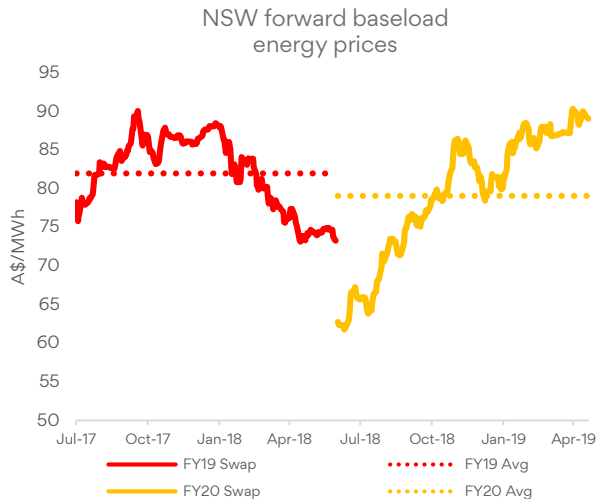
- Default Market Offer (DMO)
 - Top down methodology in year 1
 - Applies to customers on standing offers in NSW, QLD and SA
 - \$44 million annual revenue reduction estimated

- VDO/DMO to act as reference prices – expected to improve customer transparency at the point of sale

Energy Markets - wholesale price headwinds



Lower market prices reduce earnings as they flow into retail prices



Source: AEMO

Source: HVB

- Forward electricity prices have rallied, but remain in backwardation
- Origin has a relatively fixed cost generation position on ~15-20 TWh

- LREC prices reducing as Renewable Energy Target is expected to be met
- Origin has 4-5 million certificates longer term at relatively fixed cost

Delivering Energy Markets strategy



Retail

Simplified business centred around the customer

- Transform customer experience
- >\$100 million cost reduction by FY2021
- Grow new revenue streams
 - Centralised Energy Services
 - Solar, Storage and Adjacencies

Energy Supply & Operations

Competitive cost of energy in a changing world

- Grow low cost renewables
 - Targeting additional 530 MW contracted wind online by 2020
- Generation flexibility
 - Australia's largest gas fired fleet
 - Opportunities to increase flexibility

Future Energy

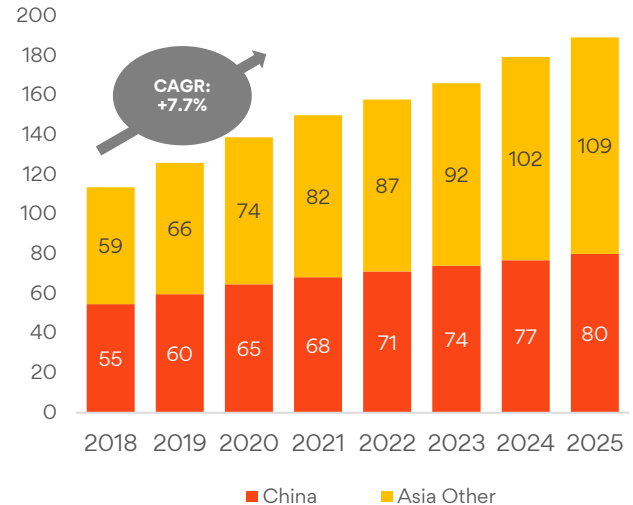
Connecting distributed assets and data to customers

- Develop platform to connect millions of distributed assets
- Develop leading digital and analytics capability
- Invest in technology for new customer solutions

Integrated Gas – LNG market context

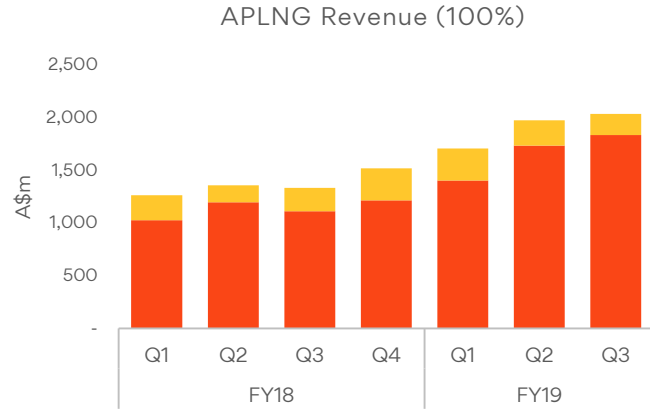
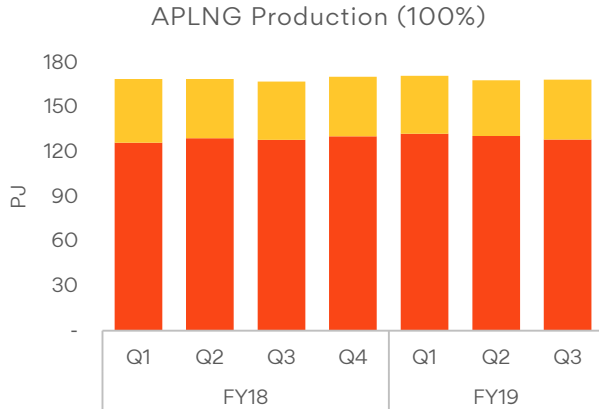
- Continuing strong Asian LNG demand growth
- Significant new US supply expected 2020 – 2022

Asia LNG demand 2018-2025 (MTPA)



Source: IHS Connect

APLNG continuing to deliver



■ Operated Production ■ Non Operated Production

■ LNG Revenue ■ Domestic Revenue

- Stable production despite planned outages on gas processing facilities in 2019
- Revenue growth primarily driven by higher effective oil prices
- Total expected FY2019 cash distribution from APLNG to Origin of ~A\$850 million, subject to FX
 - APLNG has retained cash to fund the Ironbark transaction, settlement subject to regulatory approvals

Delivering Integrated Gas strategy



Low cost operator - APLNG

Metric	Baseline	June-19 Run Rate
Cost per Well (A\$/well) ¹	2.4	1.2
Operated opex (A \$/GJ) ²	1.3	1.0
Operating Breakeven (US\$/boe) ³	30	<24
Distribution Breakeven (US\$/boe) ³	48	<40

- Cost reduction commitments on track
- Maintain competitive cost with US shale into Asia
 - Targeting ~US\$35/boe distribution breakeven

Develop resources to meet growing gas demand

APLNG

- Focus on maturing new resources with exploration and appraisal activities

Beetaloo

- 70% interest in 18,500km² permit
- Four stacked unconventional plays
- Booked 6.6 TCF (Gross) contingent resource⁴ relating to dry gas play
- Stage 2 appraisal planned targeting Kyalla and Velkerri liquids-rich stacked plays

1) Standard unfracked vertical Surat well; 2) Excludes pipelines and major turnaround maintenance, 3) AUD:USD 0.75
4) Origin is not aware of any new information or data that materially affects the information included in the announcement to the ASX on 15 February 2017 and all material assumptions and technical parameters underpinning these estimates continue to apply and have not materially changed



Questions

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Thank You

