

**Echelon Resources Limited** 

## Powering a Sustainable Transition

fuel tomorrow today

Andrew Jefferies, Echelon CEO 11–12 September 2024

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- Reserves: The reserves and resources disclosed here for ECH's existing assets (including Cue's) are as included in our 2023 annual report, released to the market on 27 September 2023. All compliance statements included at that time remain relevant. ECH confirms that it is not aware of any material changes since that time. ECH conducts regular reviews and any material changes will be announced to the market accordingly. Prospective resources relating to the L7 and EP437 permits and farm-ins are included here as per Triangle Energy's public release on 12 April 2022.

For the prospective resources (including) those potentially accessible through the Triangle farm-in, the estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.

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## **Table of Contents**

1	About Echelon: name change and who we are	4
2	At a Glance - where we are active	10
3	FY24 Financial Performance	14
4	Financial Overview	16
5	Production & Reserves	21
6	Asset Overview	25
7	Company Close Up	31
8	Fireside Chat	37
9	Q & A	55
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# Who we are

New identity – same commitment

#### **Echelon's Operations**

## Proud history dating back more than 40 years

A nimble Australasia-focussed energy commodity exploration and production company Our portfolio comprises a spread of wholly-and-partly owned onshore and offshore oil and gas assets

- Located in Australia, New Zealand and Indonesia
- Comprising a mix of producing and exploration assets

Held either directly by the company, or indirectly through its circa 50% stake in ASXlisted Cue Energy Resources Limited (ASX:CUE)

#### **Our History**

Starting out in the heady days of an 80's oil and gas exploration boom in Taranaki, New Zealand and listing on the NZX in 1982 we notched up several discoveries on and offshore in New Zealand, evolving over the decades into a producer, now with a spread of production and exploration assets, located across three key regions.

Echelon along with its JV partners remain on the lookout for opportunities to acquire additional value-accretive producing and exploration assets Proudly, and cost effectively, based in Wellington, New Zealand



## Echelon Resources Limited (ASX:ECH)

Echelon talks to:

# Our Rocks Our Values Our Role



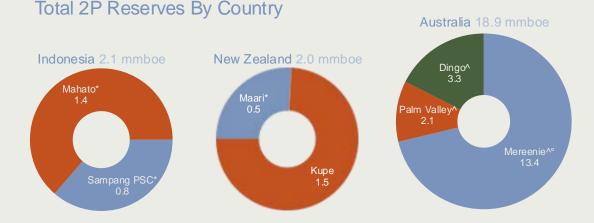
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#### **Our Rocks**

## We are a science driven company

In geoscience, an 'echelon' refers to the repeated nature of features like sedimentary formations, mountain ranges and fault lines.

Our assets are in a range of jurisdictions with Australia dominating reserves.



\*At 100% of Cue Equity in these Assets. ^Echelon plus Cue Equity. \*Mereenie includes additional 25% equity on a pro-forma basis



#### **Amadeus Basin**

Northern Territory, Australia Mereenie Echelon 42.5%, Cue Energy Resources 7.5% Palm Valley Echelon 35% Cue Energy Resources 15% Dingo Echelon 35% Cue Energy Resources 15%

#### **Perth Basin**

Western Australia, Australia L7 Echelon 25%, Strike 25%, Triangle 50%

**EP437** Echelon 25%, Strike 25%, Triangle 50%



Sumatra Indonesia Mahato PSC Cue Energy Resources 11.25%

East Java Indonesia Sampang PSC Cue Energy Resources 15%



Offshore South Taranaki New Zealand Kupe Echelon 4% Maari Cue Energy Resources 5%



Cue Energy Resources (ASX: CUE) Echelon 50.03%



#### **Our Values**

## **Clear Strategy**

Regional focus

Markets with upside

Aligned with capabilities

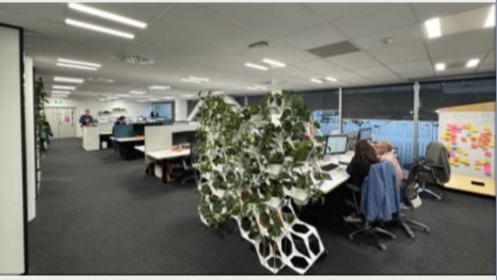
Prudently managed finances

## An efficient, cost-effective Wellington-based team

## Trusted by our stakeholders for our decisions, support and advice

We spend efficiently on skills, tools and activity... not the view





#### **Our Role**

'Echelon' in French means a rung in a ladder, in our case an energy ladder. Like the rungs on a ladder, energy needs to be cost effective, secure and reliable.

Energy systems bear the weight of

Our standard of living

Our health, wealth and happiness

Our food supply

# Affordable, reliable energy bears the weight of our civilisation



Brewer Estate battery and gas fired power plant... enabling 43% solar in Alice Springs 50% by 2030





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# At a Glance

## Where Echelon is active

#### **Echelon at a Glance**



#### **Amadeus Basin** Northern Territory, Australia

Mereenie Echelon 42.5%, Cue Energy Resources 7.5% Palm Valley Echelon 35% Cue Energy Resources 15% Dingo Echelon 35% Cue Energy Resources 15%

#### **Perth Basin** Western Australia, Australia

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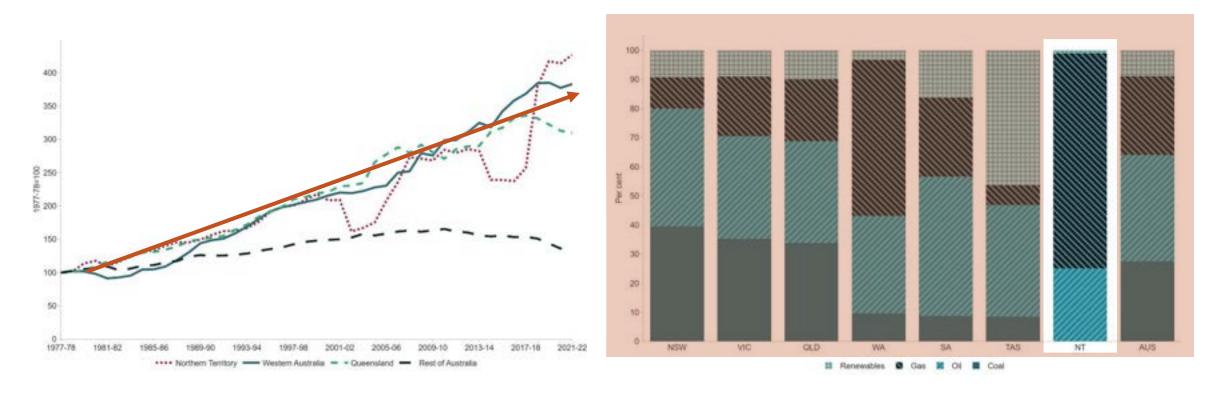
Cue Energy Resources (ASX: CUE)

Echelon 50.04%

## Northern Territory is a growing gas market

Australian energy consumption growth, selected states and territories

Australian energy mix, by state and territory, 2021–22



## **Future Activities Timeline**

	Calendar	year 2024	Calendar year 2025			
Quarter	Q3	Q4	Q1	Q2	Q3	Q4
			2x infill wells		Further	infill well(s)
Mereenie						Potential stairway appraisal
Palm Valley					Potential infill well(s)	
Dingo			Potential compres	ssion project		
Кире			Possible wireline works			
Mahato PSC Ongoing developmen			rilling			
WA L7	L7 drill (Booth)				Further Exploration we	ell, timing (TBC)
WA EP43			Exploration well, t	timing (TBC)		
Approved activities	s: Mahato drilling.				Development	Exploration & Apprais
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# **FY24 Financial Performance**

September 2024

#### **Financial Year 2024 Highlights Financial Performance**

#### OPERATING CASHFLOW Increased by 11% to NZ\$36.1m

from \$32,5m in FY23

#### DIVIDENDS Final dividend of AUD 1.5 cents per share

Combined with a special dividend of 3 cents per share paid in April, the total dividend for the year is 4.5 cents per share (up from no dividend in 2023)

#### NET PROFIT AFTER TAX (NPAT) BEFORE KUPE IMPAIRMENT NZ\$15.4 million

up 43% from \$10.8 million last year

NET PROFIT AFTER TAX (NPAT) AFTER KUPE IMPAIRMENT NZ\$3.9 million STRATEGIC AQUISITION

Completed a vendor-funded acquisition of further 25% interest in the Mereenie field

#### REVENUE AND CASH FLOW STRENGTH

Amadeus Basin assets contributed NZ\$42.4 million in revenue

signing of new gas supply contracts in the Northern Territory ensure loss of revenues due to NGP closure are mitigated

#### FINAL DIVIDEND DECLARED

Payment date 4 October 2024, with a record date of 17 September 2024



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# Financial overview

#### Financial Health: A Pillar of our Strategy

Operating cashflow up 11% to NZ\$36.1m

from \$32.5m in FY23

#### Net profit after tax \$3.9m

down from \$10.8m in FY23 due to an \$11.6m impairment of Kupe.

Total dividends of AUD 4.5 cents per share

## Underlying NPAT excluding Kupe impairment

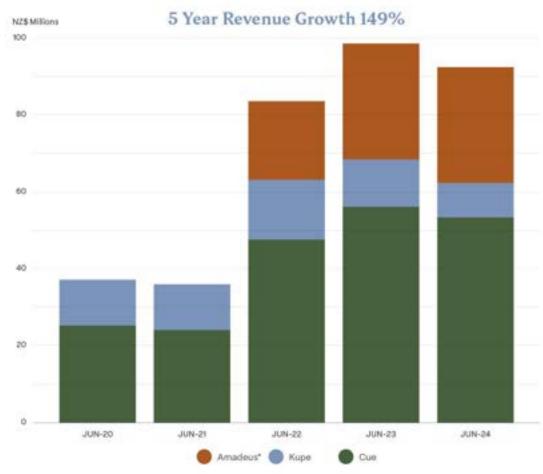
## was NZ\$15.4 million

up 43% from the previous year.

Profit of 1.7 cents per share down from 3.0 cents per share in FY23

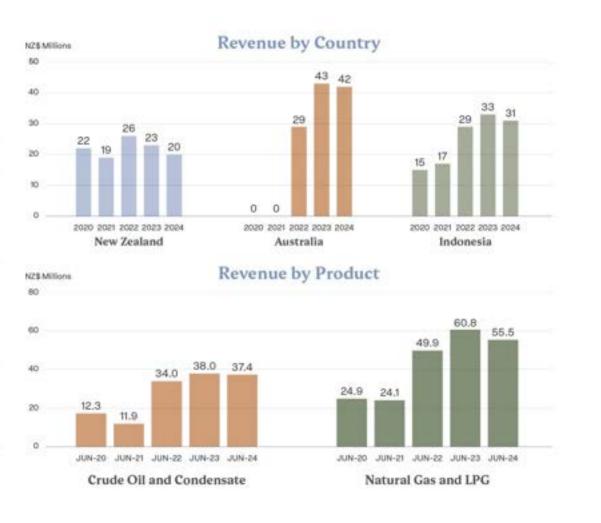
Production of 1.33 mmboe

#### **Financial Health: Revenue Growth**



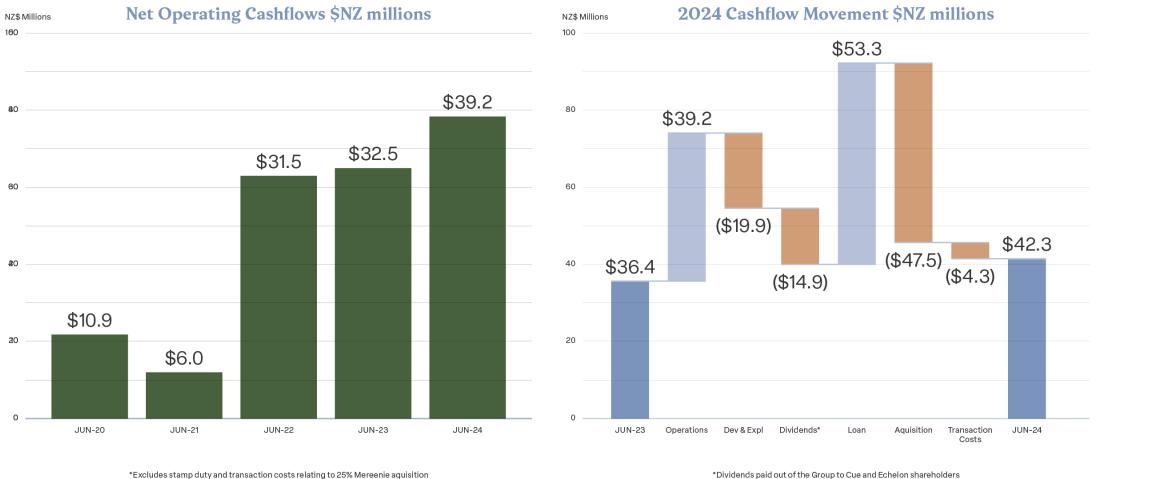
<sup>\*</sup>Excludes Cue's share of Amadeus revenue which is included in the Cue Segment

Echelon has a 50.03% interest in Cue Energy Resources Ltd (Cue). Cue's full interest is shown.



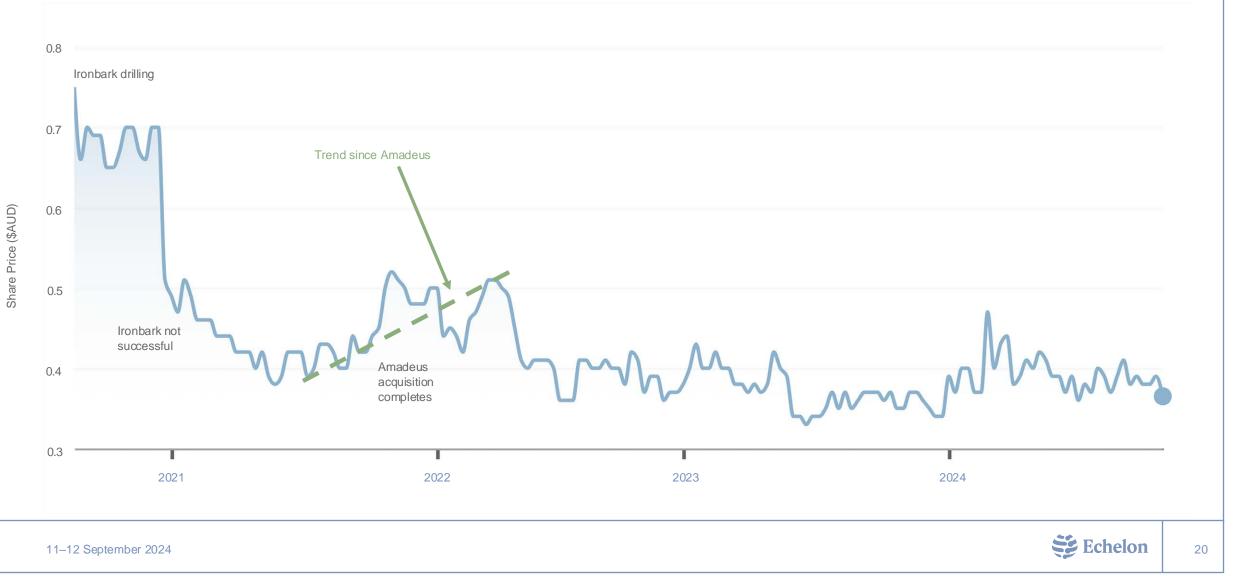
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## **Cash Flow**



\*Dividends paid out of the Group to Cue and Echelon shareholders

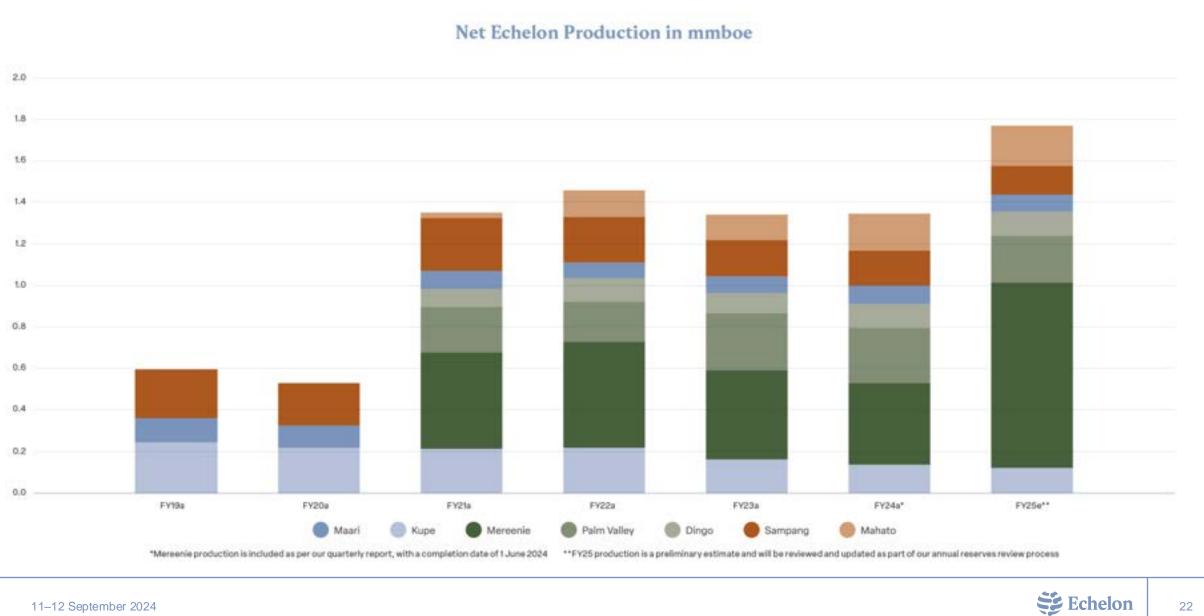
## **ECH Share Price**





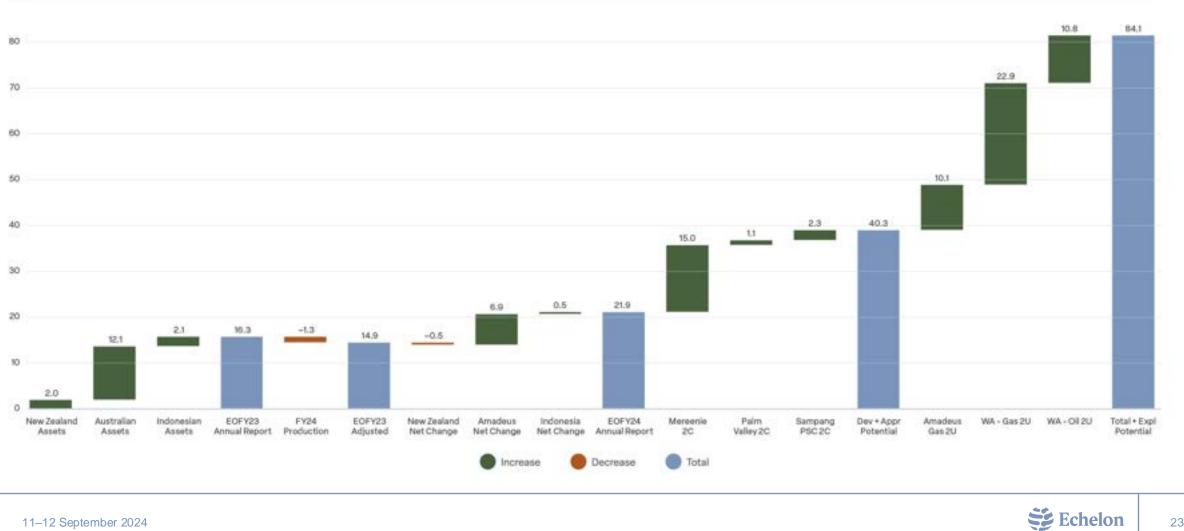
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# Production & Reserves



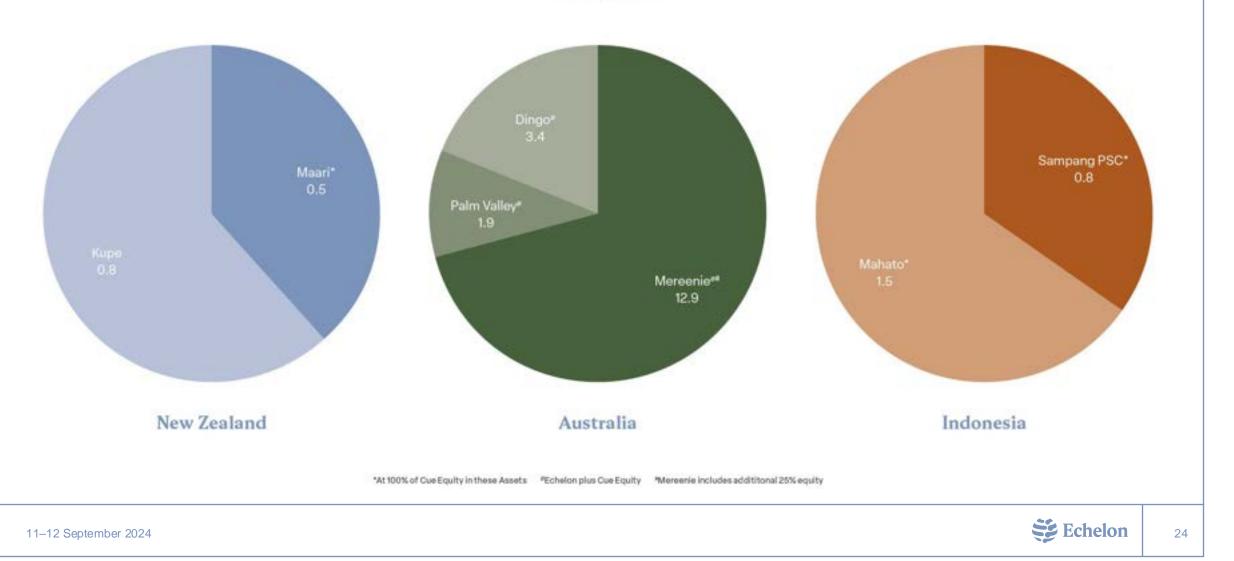
11-12 September 2024

#### Echelon 2P Total Reserves + 2C Contingent & 2U Unrisked Prospective Resources as at 1 July 2024 millions of barrels of oil equivalent, net to Echelon (inc. Cue Share)



90

#### Remaining Proven & Probable (2P) Oil & Gas Reserves as at 1 July 2024

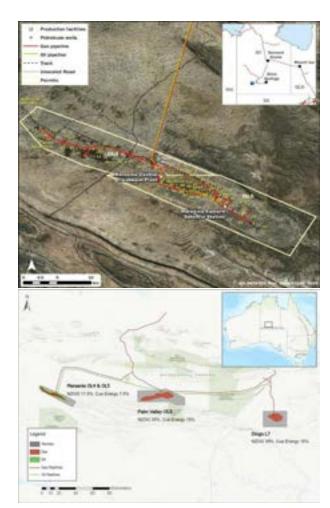




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# Asset Overview

## **Amadeus Basin, Australia**



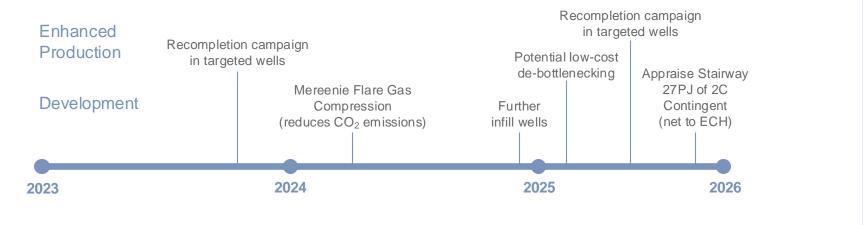
#### **Mereenie Gas Field**

- Acreage of 281km<sup>2</sup> on two permits
- 71 existing wells
- Two production facilities
- Pipeline linked to Northern Territory and East Coast

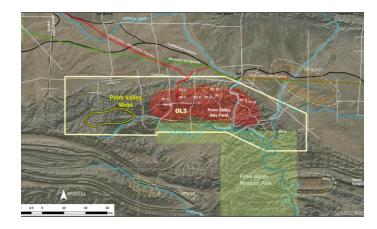
#### **Improving Commercial Outcomes**

- Multiple short and long-term gas contracts improving average realised price
- Near and medium term development opportunities

#### Mereenie Field Development Program



## **Amadeus Basin, Australia**

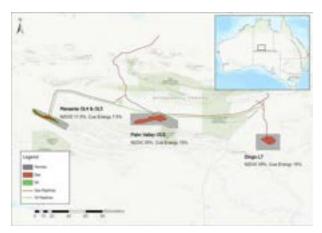


#### **Palm Valley Gas Field**

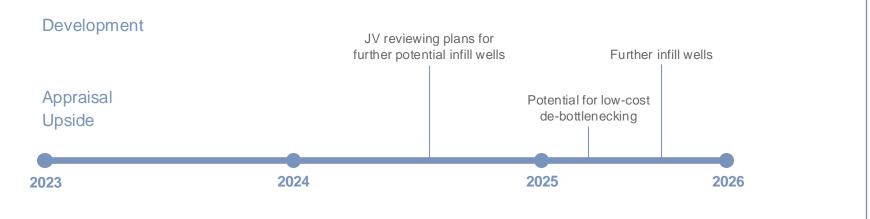
- Acreage of 616km<sup>2</sup>
- 10 existing wells
- Production facility
- Pipeline linked to Northern Territory
   and East Coast

#### **Key Opportunities**

- Near term development and appraisal drilling improving commercial opportunities
- Multiple short and long-term gas contracts improving average realised price



#### Palm Valley Field Exploration, Appraisal and Development



## **Amadeus Basin, Australia**



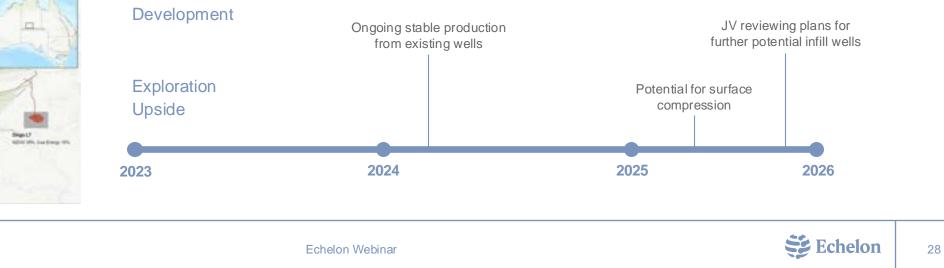
#### **Dingo Gas Field**

- Acreage of 468km<sup>2</sup>
- Two existing wells
- Production facility
- · Linked to local markets

#### **Key Opportunities**

- Near term development and exploration drilling
- Long-term gas contract with Power and Water Corporation providing power for Alice Springs

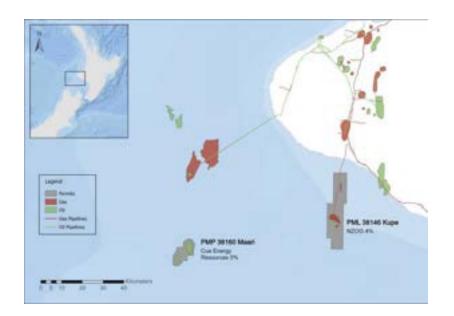
#### **Dingo Field Exploration And Development Program**





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## Taranaki, New Zealand



#### Kupe Gas and Condensate Gas Field

- Acreage of 256km<sup>2</sup>
- 3 existing production wells
- Dedicated production facilities extracting gas, LPG and condensate
- Pipeline linked to domestic market

The Kupe oil and gas field is located in the offshore Taranaki Basin, in New Zealand. It continues to produce at field capacity due to a strong demand for gas. Production volumes at Kupe are in natural decline.

Kupe commenced commercial production in March 2010 and is an important part of New Zealand's energy infrastructure.

#### **Key Opportunities**

- Further exploration within permit
- Opportunities to increase production at both fields continue to be investigated

## Maari Oil Field

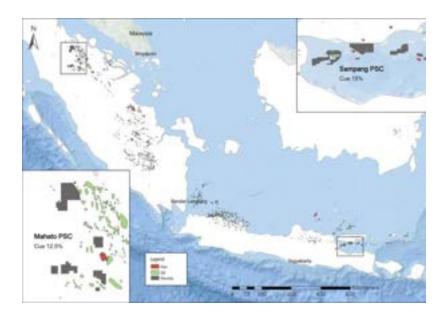
- Acreage of 80km<sup>2</sup>
- 8 existing production wells
- Dedicated production facilities and oil sold to global markets

The Maari oil field has well established performance and water injection has helped to increase field longevity. Preparation of a permit extension application for production beyond December 2027 is underway, with submission expected this quarter.

The Maari JV continues to evaluate and prioritise value-added projects, focusing on potential production enhancement, cost reduction, and CO2 reduction opportunities.



## **Cue Developments in Indonesia**



#### Mahato PSC

Cue 11.25%

Ongoing and Future Onshore Development Drilling

Mahato well economics are very attractive. Under the Production Sharing Contract (PSC) with the Indonesian Government, drilling and development costs are recoverable by the Mahato Joint Venture from the field production revenue. As at mid-calendar 2024, 20 oil production wells are active in the field.

A Plan Of Further Development (OPL Phase 2) was approved in midcalendar 2024. The new field development includes drilling fourteen additional wells (13 producers & 1 water injector), converting an existing production well to a water injection well, workovers of 3 existing wells and construction of three new drilling locations. Drilling commenced as of June 2024 with first well in the new program successfully completed and on production in late June 2024.

#### **Sampang PSC**

Cue 15%

Offshore Gas Development Opportunity Permit extension discussions between the Production Sharing Contract (PSC) Operator, Medco Energi, and the Indonesian government are ongoing. The PSC currently expires in December 2027. Subject to approval of a permit extension, the JV will seek changes to the terms of the (PSC) for the Paus Biru development.

The PSC extension and amendments are critical steps in allowing the JV to proceed with a Final Investment Decision (FID) on the project.

As at mid-calendar 2024, the Oyong and Wortel fields continue to produce gas as expected and consistently supply gas to Indonesia Power for electricity generation.

Echelon has a 50.03% interest in cue. Cue's full interest is shown.







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# Company Close Up

## **Expert, Stable Management Team**

Andrew **Jefferies** Managing Director



Andrew has been working in the global energy industry for over 30 years, including 17 years for Shell and 5 years for OMV. A certified Petroleum Engineer and deeply experienced Director, Andrew holds a BE, MSc and MBA.

Paris Bree General Counsel



Paris has been working in the energy industry for over 15 years. In addition to her role as General Counsel, she acts as Company Secretary and leads our legal commercial and sustainability activities She holds a LLB and BA.

#### Catherine **McKelvey** CFO



Catherine has worked in finance for over 30 years, including 11 years in the energy sector, and 7 years as CFO. Deeply experienced in corporate finance, and a Chartered Management Accountant, she holds a BA in Economics.

Daniel Leeman GM Assets & Engineering



Daniel has worked as a Reservoir Engineer for over 14 years. He leads our engineering and assets teams and is integral to our growth aspirations. He holds a MEng and a MSc and is a certified Petroleum Engineer.

Alan Clare

#### Michael Wright GM Exploration & Appraisal GM Commercial



sector for over 33 years in Australia, UK, USA, China, Egypt and NZ having held both technical and managerial roles with ConocoPhillips, Apache and OMV. He has a passion for exploration, development and a keen growing interest in geothermal.



Michael has over 40 years experience in the energy sector, particularly with major projects in the gas and electricity sectors. He has a key role in our commercial contracting and business development activities and holds a BE and MPhil in engineering.

32

11-12 September 2024

## **Deeply Experienced Board**

#### Samuel Kellner Chairman



Samuel has held a variety of senior executive positions with the Ofer Global group since 1980. He is deeply involved in offshore oil and gas, shipping and real estate activities for the group. He holds an BA, MBA and PhD in Applied Economics. Dr Rosalind Archer Independent Director



Ros has been a Petroleum Engineer for over 20 years and is currently Head of Engineering at Griffith University. A deeply experienced engineer, she holds a BSc and PhD in Petroleum Engineering. Marco Argentieri Director



Marco has worked for the Ofer Global group since 2006. He is Senior Vice President and General Counsel and has a key role in in driving strategy and structuring financing activities for the group. He holds a B.A., a J.D., and MBA.

#### Andrew Jefferies Managing Director



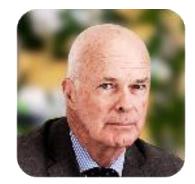
Andrew has been working in the energy industry for over 30 years, including 17 years for Shell and 5 years for OMV. A certified Petroleum Engineer and deeply experienced Director, Andrew holds a BE, MSc and MBA.

#### Alastair McGregor Director



Alastair has been actively involved in the oil & gas sector since 2003. Prior to entering the oil & gas industry Alastair was a banker for 12 years. Alastair is currently CEO of O.G. Oil & Gas Limited and holds a BEng and MSc.

#### Rod Ritchie Independent Director



Rod has almost 40 years experience in senior leadership roles in Health, Safety, Security and Environment in oil and gas, including being SVP of HSSE at OMV in Vienna. He holds a BSc.

## **Investment Overview**

## Modern lifestyles require all of us to use energy

Echelon represents our commitment to undertaking activities and operations that are based on rigorous scientific and engineering analysis with robust business cases.

#### **Diversified Portfolio**

Assets now extending beyond New Zealand, embracing opportunities across multiple regions

#### Commitment to Ethics and Values

Upholding high standards we set ourselves in terms of ethics and values

#### **Energy Transition**

Strategically pivoting towards gas, supporting the energy transition with reliable and cleaner energy solutions. Moving with our industry down the path to a low carbon future.

#### Guided by our commitment to ethical standards, strong values, and quality relationships.

Energy users require a reliable supply of reasonably priced, cleaner fossil fuel energy resources: for the high-quality heat industrial processes such as minerals processing; for producing the fertilisers that provide more than 30% of our food; for the heat that cooks that food; and for swift start long duration backup of renewable energy sources.

## **ESG Performance Matters to Us**



## Carbon conscious production.

We offset our Scope 1 New Zealand emissions, back up solar and displace coal use.



SALK INSTITUTE



The only oil and gas company in our region to achieve a Rainbow Tick.

Support for research into long term CO<sub>2</sub> sequestration.



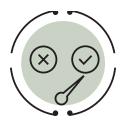


We report on the Sustainable Development Goals

UN's 2030 Agenda for Sustainable Development and in line with the Taskforce on Climate- Related Financial Disclosure framework.

11–12 September 2024

## **Our Values**



## Tikanga.

The Right Things the Right Way

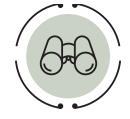
- We operate safely and do what we say we will do.
- We display respect and understanding for other people, opinions and cultures. We respect values, rules and laws.



## Mahi Tahi.

Work Together, Collaborate, Cooperate, With Teamwork

- We are open, honest and transparent. We actively pitch in and help.
- We have fun and work with passion.
- We put big issues on the table so they can be resolved.



## Pākiki.

**Consumed** With Curiosity

- We seek to better understand ourselves, and the world, with the goal of constantly improving.
- We explore new areas to add value to our work. We work with initiative and imagination.



## Tauhokohoko.

Barter, Bargain, Trade

- We seek to continually add value through the application of skills, brains and hard work.
- We develop mutually beneficial relationships with key stakeholders and partners.
- We deliver excellent commercial outcomes.





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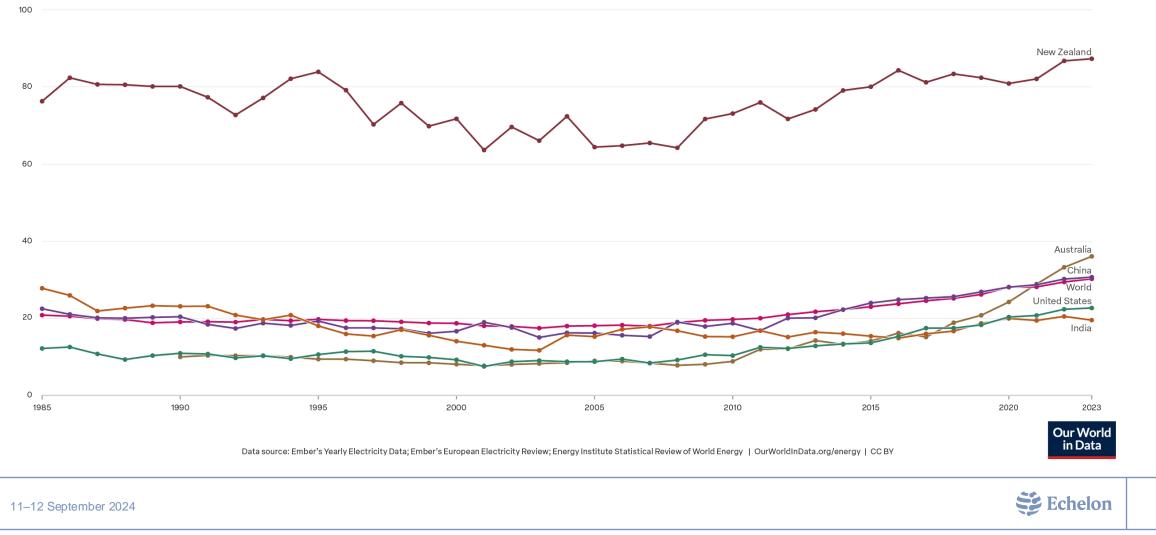
# **Fireside Chat**



#### The world is embracing renewables

#### Share of electricity production from renewables

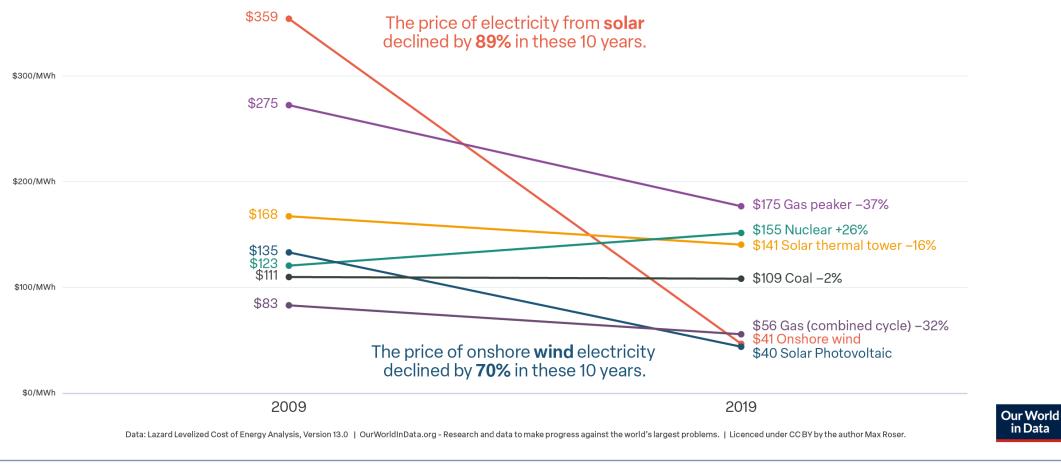
Renewables include electricity production from hydropower, solar, wind, biomass & waste, geothermal, wave, and tidal sources.



#### Why?

#### The price of electricity from new power plants

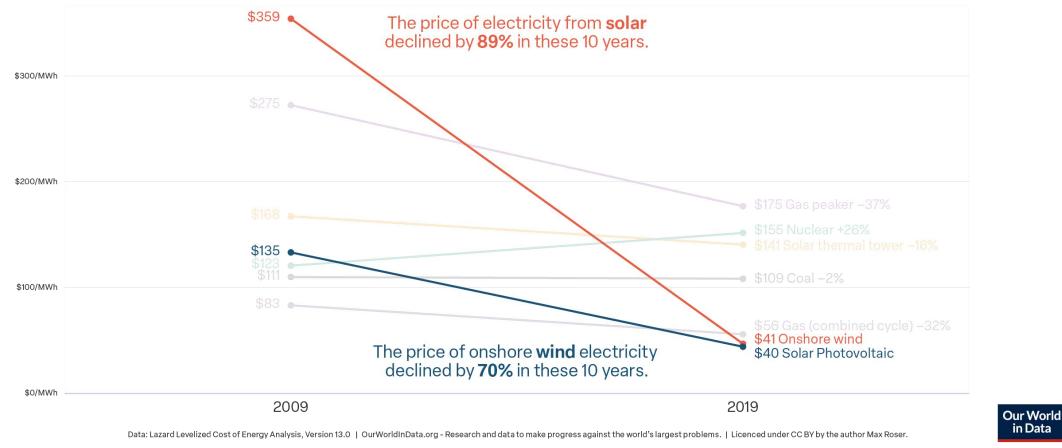
Electricity prices are expressed in 'levelized costs of energy' (LCOE). in Data LCOE captures the cost of building the power plant itself as well as the ongoing costs for fuel and operating the power plant over its lifetime.

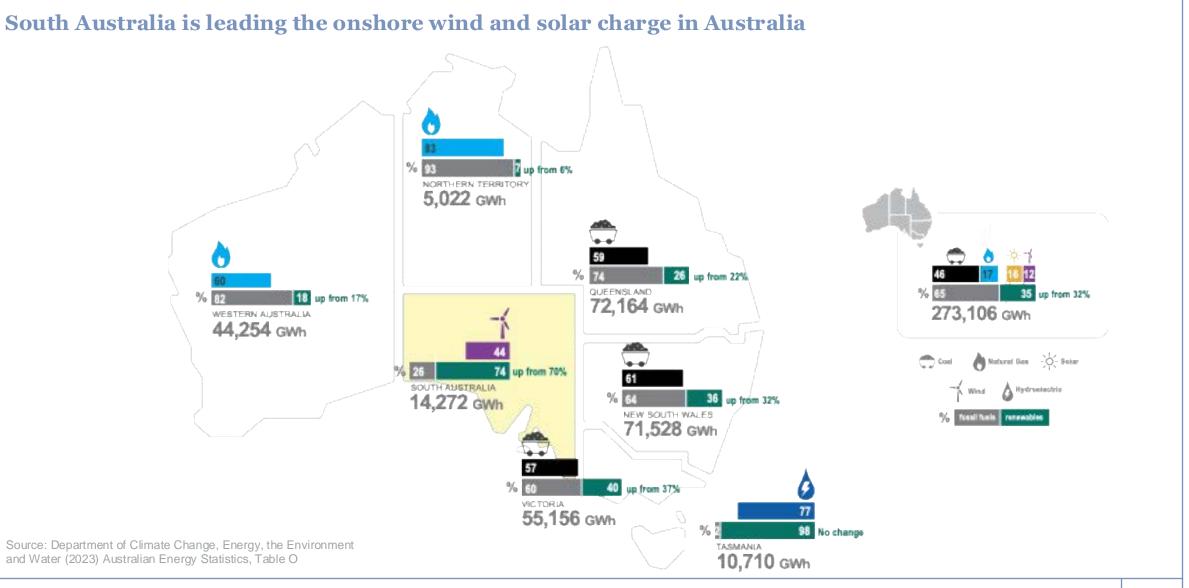


#### **Renewables getting cheaper**

#### The price of electricity from new power plants

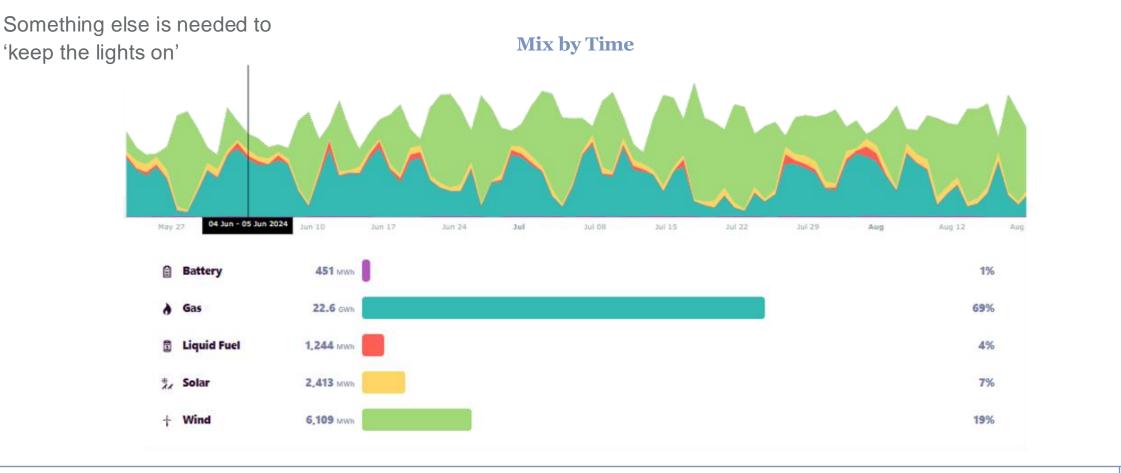
Electricity prices are expressed in 'levelized costs of energy' (LCOE). in Data LCOE captures the cost of building the power plant itself as well as the ongoing costs for fuel and operating the power plant over its lifetime.





11-12 September 2024

Even in South Australia ...



Power Source	Cost LCOE \$/MWh	Variability	Safety	"Cleanliness"
Gas CC	\$56			
Coal	\$109			
Nuclear	\$155			
Gas OC	\$175			

Power Source	Cost LCOE \$/MWh	Variability	Safety	"Cleanliness"
Gas CC	\$56	*	$\checkmark$	$\checkmark$
Coal	\$109			
Nuclear	\$155			
Gas OC	\$175			

Power Source	Cost LCOE \$/MWh	Variability	Safety	"Cleanliness"
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Power Source	Cost LCOE \$/MWh	Variability	Safety	"Cleanliness"
Gas CC	\$56	*		
Coal	\$109	*	*	*
Nuclear	\$155			
Gas OC	\$175			

Power Source	Cost LCOE \$/MWh	Variability	Safety	"Cleanliness"
Gas CC	\$56	*		
Coal	\$109	*	*	*
Nuclear	\$155			
Gas OC	\$175			
Gas OC	\$175			

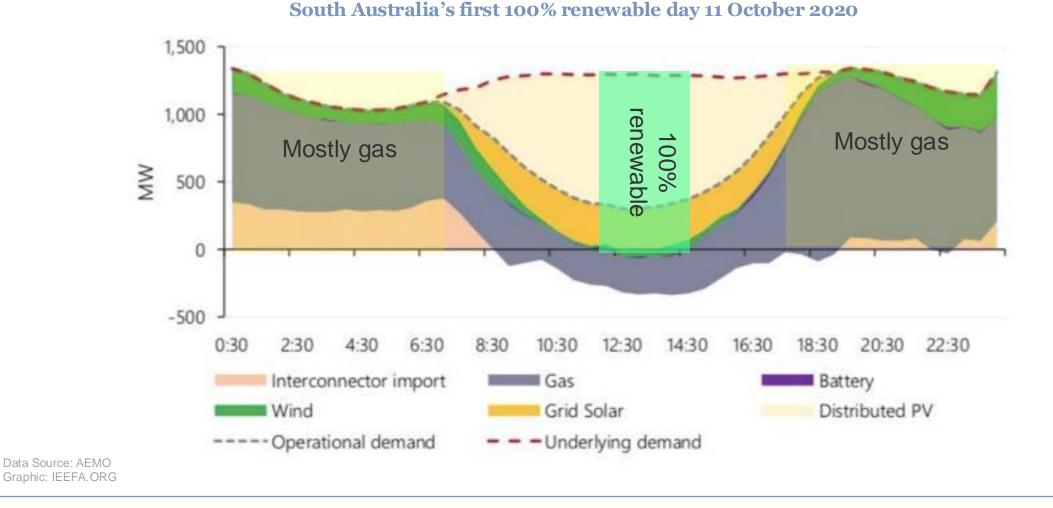
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Power Source	Cost LCOE \$/MWh	Variability	Safety	"Cleanliness"
Gas CC	\$56	*		
Coal	\$109	*	*	*
Nuclear	\$155			
Gas OC	\$175			

Power Source	Cost LCOE \$/MWh	Variability	Safety	"Cleanliness"
Gas CC	\$56	*		
Coal	\$109	*	*	*
Nuclear	\$155			
Gas OC	\$175	$\checkmark$	$\checkmark$	$\checkmark$

Power Source	Cost LCOE \$/MWh	Variability	Safety	"Cleanliness"
Gas CC	\$56	*		
Coal	\$109	*	*	*
Nuclear	\$155			
Gas OC	\$175	$\checkmark$	$\checkmark$	$\checkmark$

# **GAS is a Three Letter Word for TRANSITION**



11-12 September 2024

"We are building a great business by investing in producing oil and gas assets in our region, selling into healthy markets that have a demand for ethical production. The world needs our energy.

The time is right to invest in the growth of our producing assets."

Andrew Jefferies Chief Executive and Managing Director



The energy explorers.

