## Bell Potter Unearthed Natural Resources Conference

Corporate Presentation

David Wrench CEO



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## QPM Energy Ltd

#### QPM Energy Ltd (ASX:QPM) is a unique, integrated energy business

#### Integrated

- Gas reserves, production & supply
- Infrastructure –
   gathering, processing,
   transport & storage
- Electricity generation
- Market and customer access

#### Energy

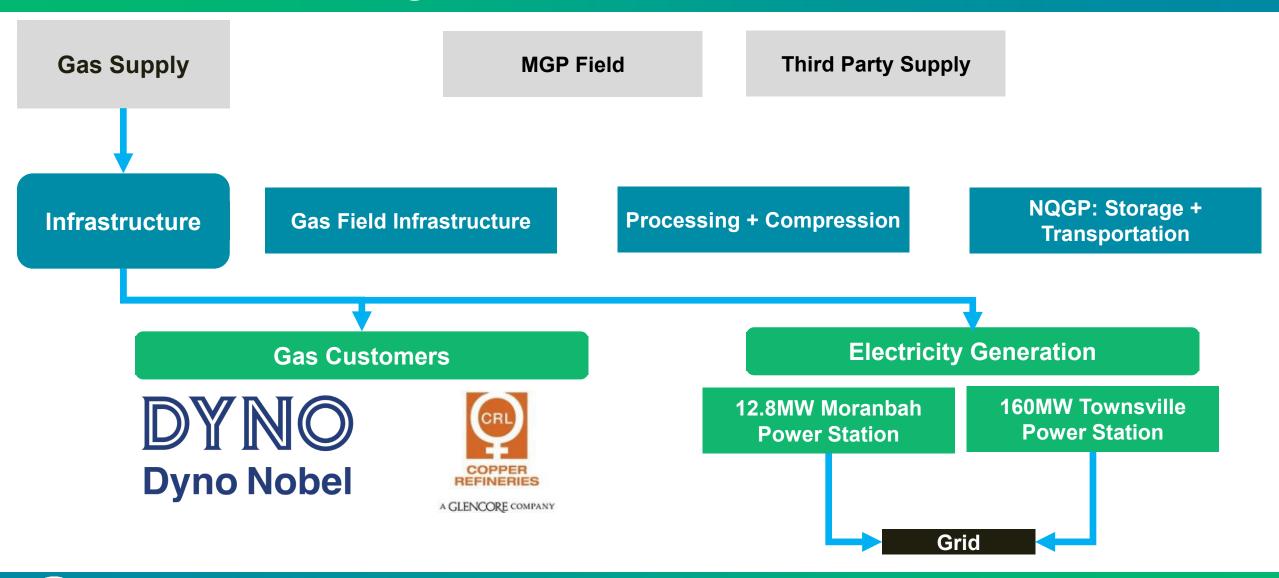
- Gas
- Electricity

#### Business

- Revenue from sale of electricity and gas
- \$75m FY2024
- \$57m 1H FY2025



## Integrated Business Model





### QPM Energy: By the Numbers

#### **Gas Supply**

#### Infrastructure

Reserves

- 331PJ 2P reserves
- >200PJ uncontracted

Field Infrastructure

- 500+km gas gathering / water pipelines
- 150km 11kV electricity distribution network
- Tie in points for third party gas

MGP Field

- 22-24TJ/day
- 130+ wells under management
- 7 new wells

Compression + Storage

- 64TJ/day compression capacity
- NQGP transport & storage capacity
- Current utilisation ~10%

Third Party Supply

- 3-6TJ/day
- Gas from regional coal mines

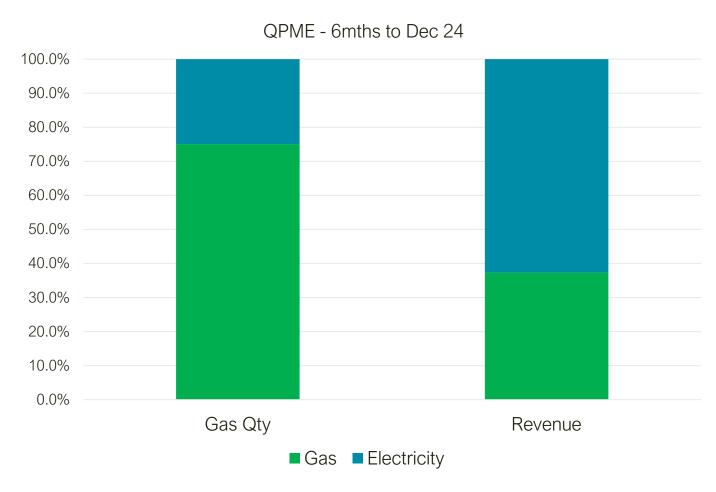
Electricity Generation

- 160MW Townsville Power Station
- 12.8MW Moranbah Power Station



## QPM Energy: By the Numbers

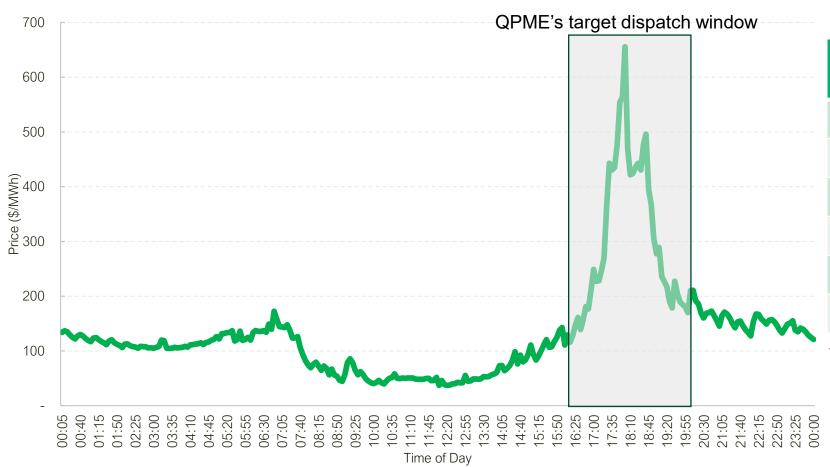
- QPM Energy's revenues are underpinned by long term gas supply agreements with Dyno Nobel.
- However, over 62% of QPM Energy's revenue in 1H FY2025 came from electricity generation.
- The Queensland electricity market is a key driver of QPM Energy's strategy.





## QPME's electricity dispatch strategy

Average Qld Electricity Price per settlement period since 2022



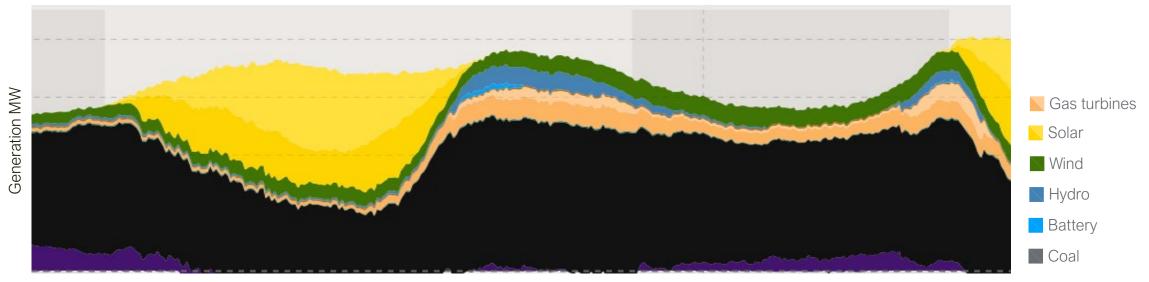
Electricity Price (\$/MWh)	QPME Netback Gas Price <sup>1</sup> (\$/GJ)
100	8
200	16
500	40
1,000	80
10,000	800
17,500	1,400

1. Netback Gas Price, post transmission losses



# Queensland electricity pricing part 1....

- Solar dominates generation during the day forcing coal and gas to ramp down, but...
- Towards sunset solar disappears and coal, gas and hydro have to ramp up quickly to meet peak demand



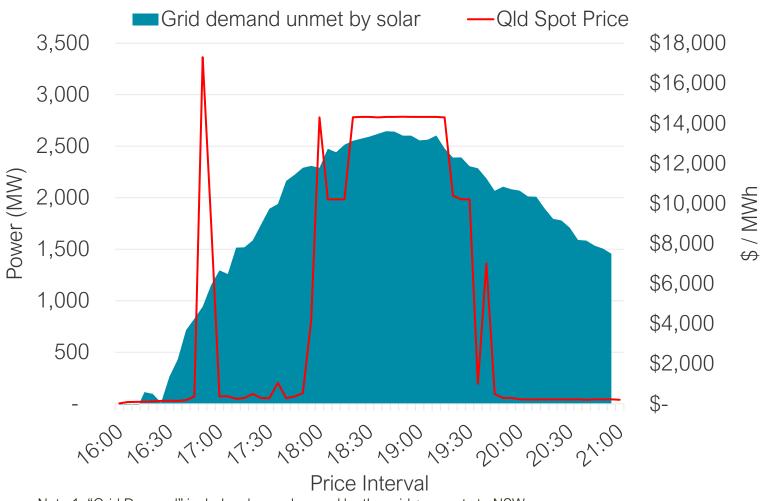
Thursday 7<sup>th</sup> November (source AEMO, OpenElectricity)



## Queensland electricity pricing part 2.....

This is what happened on 22 January 2025:

- In the 90 minutes from 4:30pm,
   Queensland generators had to ramp up by 2,500MW to meet peak demand plus make up for lost solar.
- QLD NEM prices surged as generation struggled to meet peak demand.



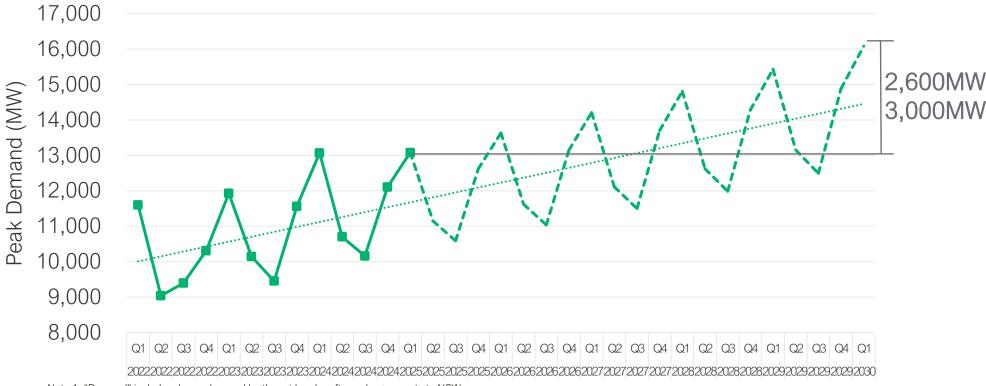
Note 1: "Grid Demand" includes demand served by the grid + exports to NSW Note 2: Solar generation data used in delta calculation is grid solar generation only



## Queensland electricity pricing part 3.....

- Peak electricity demand in Queensland has been increasing steadily, driven by population growth and increases in residential loads.
- QPME estimates that summer peak demand will increase by 2,600MW to 3,000MW to around 16,000MW by 2030.
- Powerlink forecasts similar peak demand growth.

12 of the 13 quarterly peak demands occurred between 5:30pm and 6:30pm (AEST) on a weekday



Note 1: "Demand" includes demand served by the grid and rooftop solar + exports to NSW

Note 2: "Peak Demand" refers to the maximum demand recorded during a pricing interval within the relevant calendar quarter

Note 3: Q1 2025 peak demand is calculated from quarter-to-date (01/01/25 to 06/02/25) data



### Queensland electricity pricing part 4.....

- If the Queensland generators struggle to meet Jan 2025 peak demand what happens when a further
   2,600MW to 3,000MW of demand is required by Jan 2030?
- More generation and storage is needed......

Source		Comment	
Coal	×	No new coal generation contemplated in Qld	
Solar	×	No generation at peak demand times	
Wind	?	Variable generation, may not coincide with peak demand	
Gas	<b>~</b>	400MW Brigalow 2027, QPM Energy Moranbah	
Pumped hydro	<b>~</b>	250MW Kidston + proposed Borumba?	
Batteries		Thousands of MW needed, but very expensive	



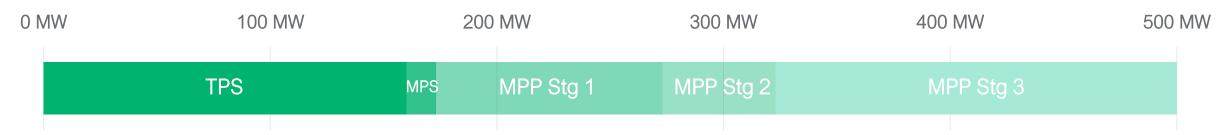
### Implications

Over at least the next 5 years the drivers of the Queensland electricity generation / demand mix is likely to support:

- Continued volatility of the daily price curve with lower daytime pricing and stronger peak demand pricing;
- More frequent extreme price events;
- Increased winter morning peak price events; and
- Stronger overnight pricing.

The era of coal fired generation retirement starts in the 2030s.....

# .....QPM Energy's Strategy



#### **Existing Generation Assets**

#### Townsville Power Station (TPS)

- 160MW Gas Turbine
- New agreements with Ratch (Asset Owner) and Palisade (Pipeline Owner) to reduce fixed costs by 83% from 2025 onwards
- Generating into the NEM at peak pricing periods

#### Moranbah Power Station (MPS)

- 12.8MW of gas-powered engines recently acquired
- Approximately 3MW used to power the upstream gas operations and 9MW generating into the NEM at peak pricing periods

#### Proposed Generation Asset Development

#### Moranbah Power Project (MPP)

- Up to 300MW of gas-powered generation to be situated on QPM's existing site in Moranbah
- To be powered with low spec gas, significantly reducing operating costs
- Project to be rolled out over several stages
- Currently in Front End Engineering and Design (FEED)



### QPM Energy's unique position

#### Gas supply

- 200+PJ uncontracted, developed 2P reserves
- 10+PJ per year of production
- Extensive gas production infrastructure
- Access to coal mine waste gas supply

#### Storage

Field infrastructure and NQGP provide substantial gas storage and supply flex capacity

#### Site

- QPM Energy owned site adjacent to existing gas processing and compression facility

#### Grid connection

Good access to Powerlink transmission network (application lodged)



## **Project Location**







# QPME is building momentum....

	End of FY 30 June 2024	FY25 Financial Year
Reserves / Resources	331PJ 2P reserves + 269PJ 2C Resources	<ul> <li>Extensive upgrade of resource and production databases increase in reserves / resources first half 2025</li> <li>Regional consolidation opportunities</li> </ul>
Gas supply	• 28-30TJ/day	<ul> <li>Targeting 35TJ production post commissioning of new wells and other optimization initiatives</li> <li>Additional waste coal mine gas connections</li> </ul>
Revenue	<ul><li>Gas sales and electricity generation</li><li>\$75m revenue generated FY 2024</li></ul>	~\$57m revenue already generated to 31 December 2024
Operating Costs	<ul> <li>Legacy contracts renegotiated - significant reduction in fixed costs associated with NQGP and TPS</li> <li>Unit operating costs reducing</li> </ul>	<ul> <li>New NQGP / TPS contracts effective ~1 July 2025 will result in a significant reduction in fixed costs and overall costs</li> <li>Unit operating costs to fall as supply increases</li> </ul>
Power Generation	• TPS	TPS + MPS plus electricity generation development in Moranbah



## Company Snapshot

Company Metrics	
Market Capitalisation	A\$146.2m
Debt <sup>1</sup>	\$42.7m
Cash	\$23.3m
Enterprise Value	\$165.6m
Shares Outstanding	2,520.8m
Options Outstanding	177.9m
Performance Rights	104.2m

<sup>1 –</sup> Majority relates to Dyno Nobel prepayment facility, which is repaid through future gas deliveries rather than cash

# **QPM** share price – 12 months 8.00 7.00 6.00 Shate Price A\$ cents 00.00 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00.50 00. 2.00 1.00 0.00

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