



Energy Mines and Money Australia Conference
Brisbane
12th June 2019

Legals

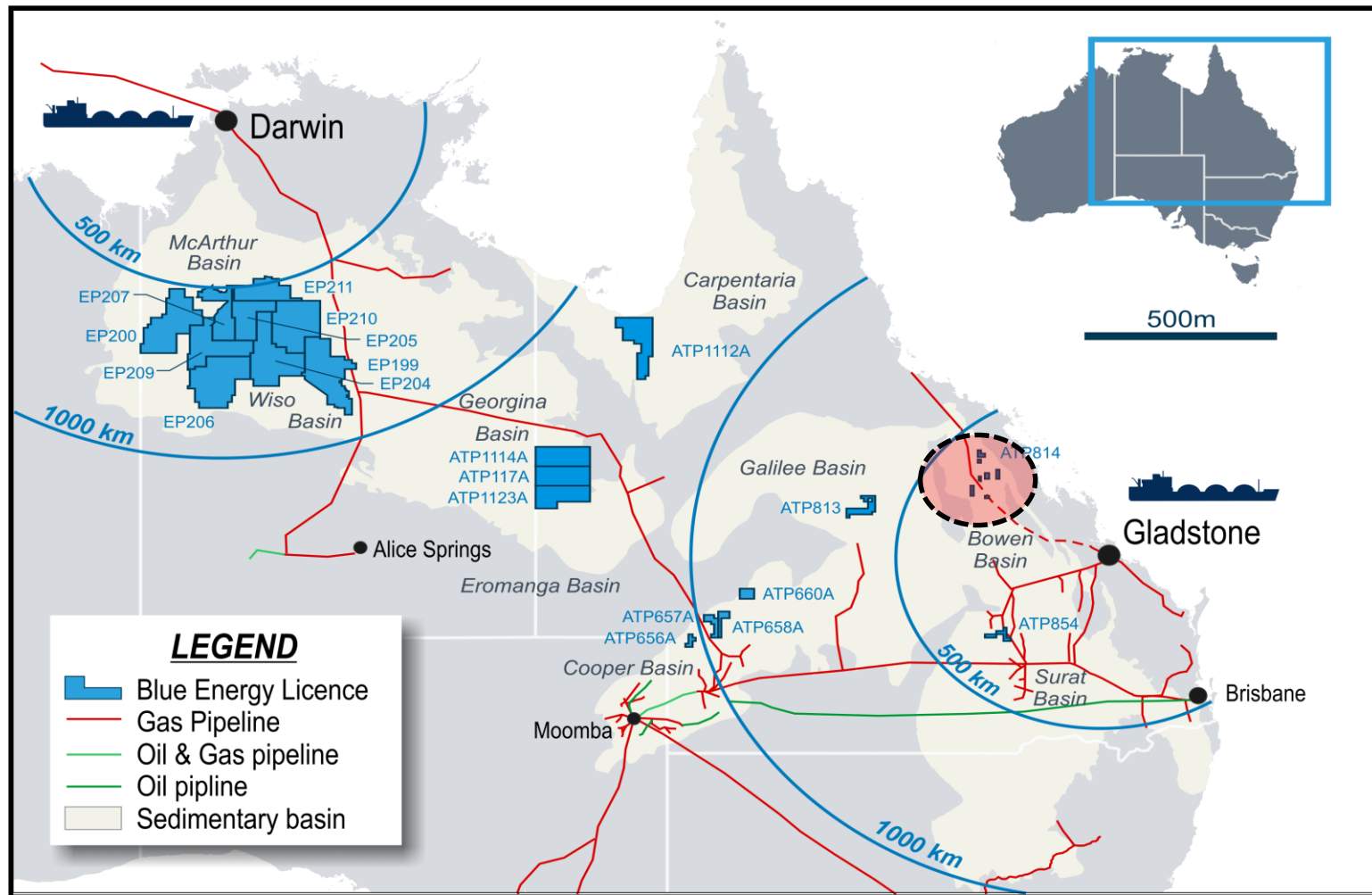
Disclaimer

This presentation may contain forward looking statements that are subject to risk factors associated with the gas and energy industry. It is believed that the expectations reflected in the statements contained within are reasonable, but they may be affected by a range of variables which could cause actual results or trends to differ materially, including but not limited to price and currency fluctuations, geotechnical factors, drilling and production results, development progress, operating results, reserve estimates, legislative, fiscal and regulatory developments, economic and financial markets conditions in various countries, approvals and cost estimates.

Competent Person Statement

The estimates of Reserves and Contingent Resources have been provided by Mr John Hattner of Netherland, Sewell and Associates Inc. Mr Hattner is a full time employee of NSAI, has over 30 years of industry experience and 20 years' experience in reserve estimation, is a licensed geologist, and has consented to the use of the information presented herein. The estimates in the report by Mr Hattner have been prepared in accordance with the definitions and guidelines set forth in the 2007 Petroleum and Resource Management System (PRMS) together with the 2011 and 2018 Guidelines for Application of the PRMS as approved by the Society of Petroleum Engineers (SPE), and utilising a deterministic methodology.

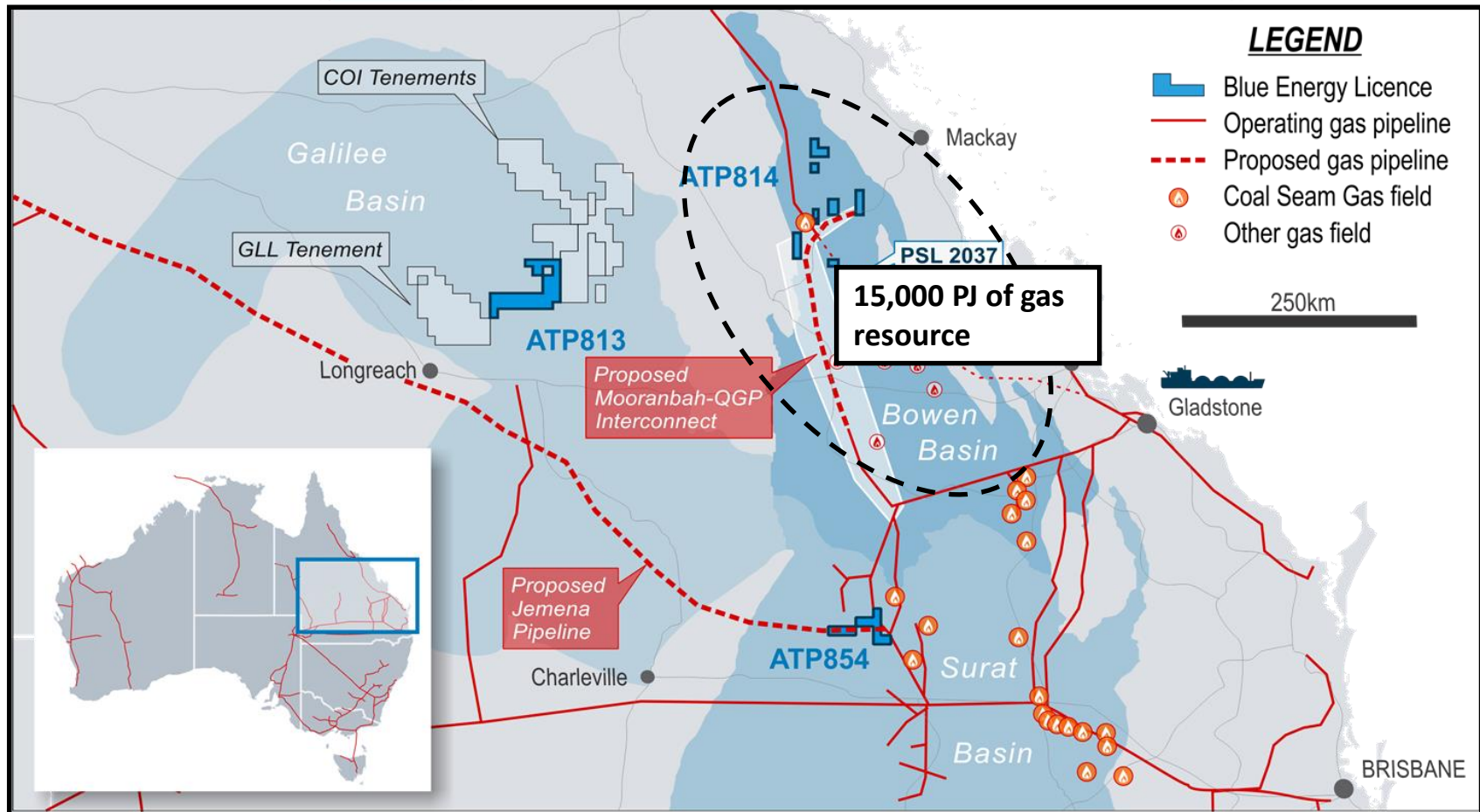
Blue's Acreage Portfolio



Blue has Gas Reserves/Resources close to markets plus emerging play upside

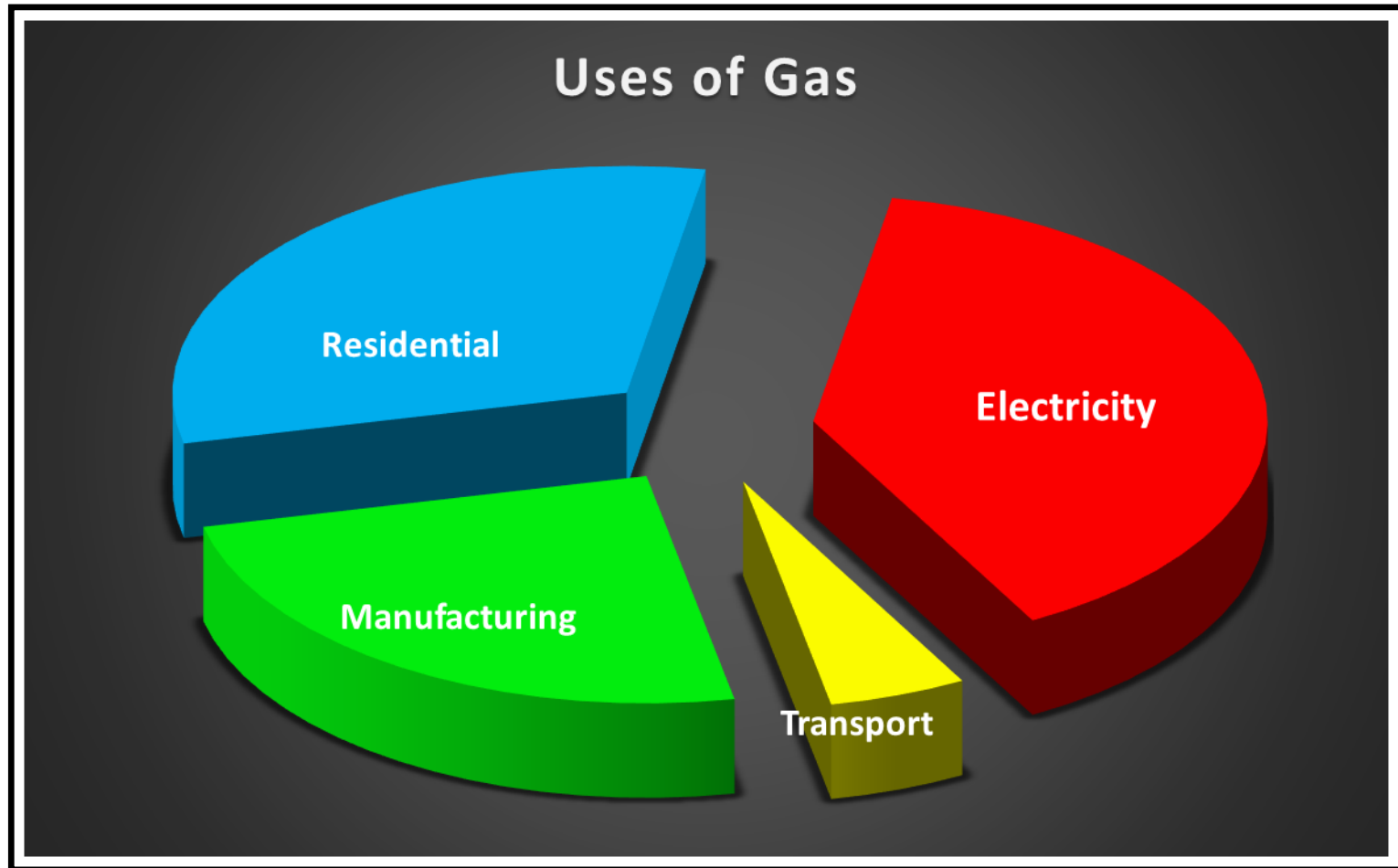
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Connecting the Bowen to east coast market brings more gas supply to market - quickly



Linking the producing Bowen Basin to the southern market will alleviate near term shortages

Why Gas is Important



Data source: Shell 2019

Global data

The Importance of Gas in Australia

950,000 East Coast jobs rely on Gas

6.5 million Australian homes use gas for heating/cooking



~13,000 MW gas fired
electricity generation
- instant back up for solar/wind



Agriculture : Fertiliser



Industrial use : Glass making
Brick making
Waste Incineration

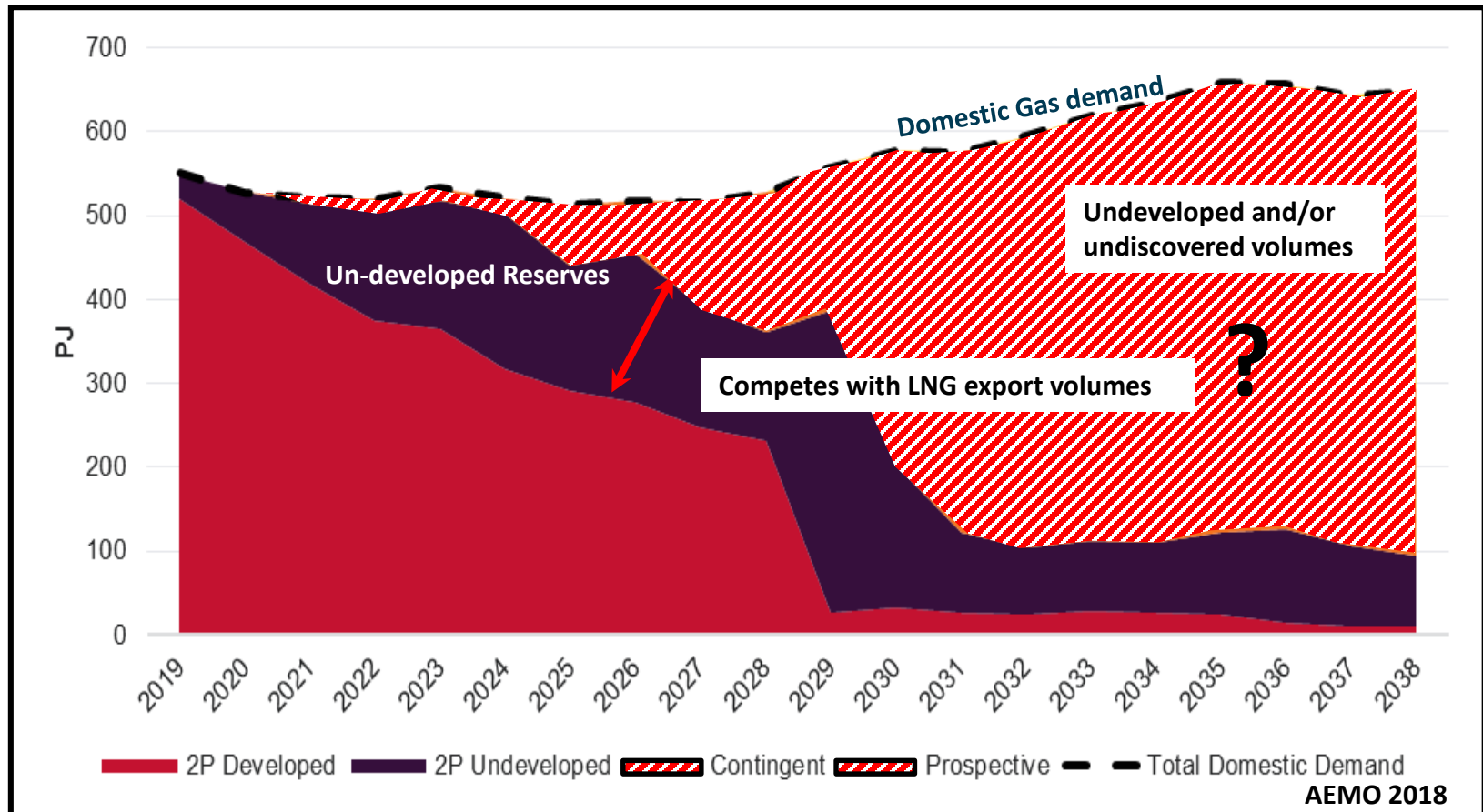


Feedstock for : Plastics
Pharmaceuticals
Methanol
Chemicals



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East Coast Domestic Gas Supply problem More gas needed short/medium/long term

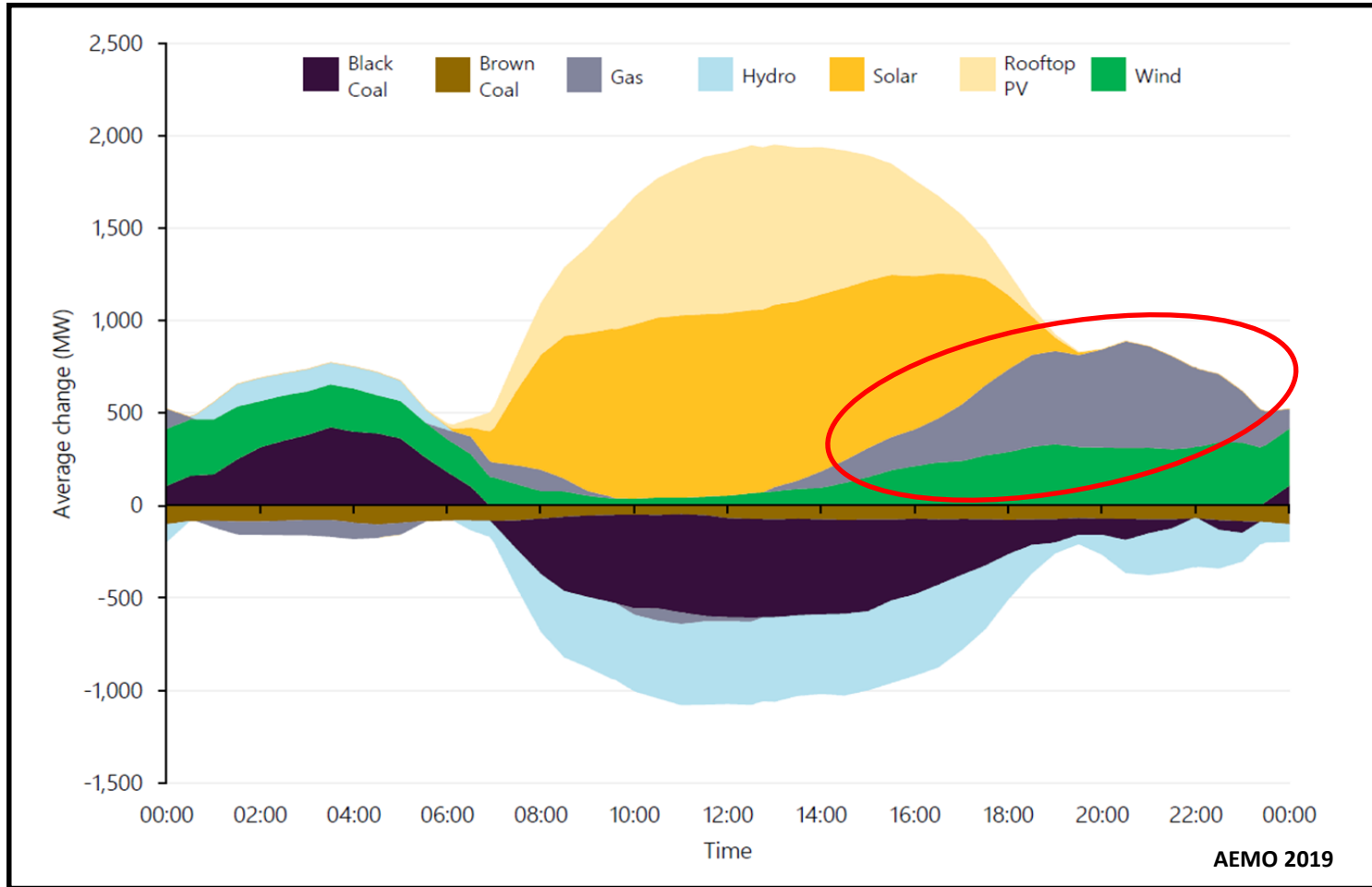


Large volumes are required to be developed and discovered just to meet domestic demand
Drilling activity must ramp up

Rush to renewable energy

Gas fired generation stabilises grid

Only Gas can provide instant back up

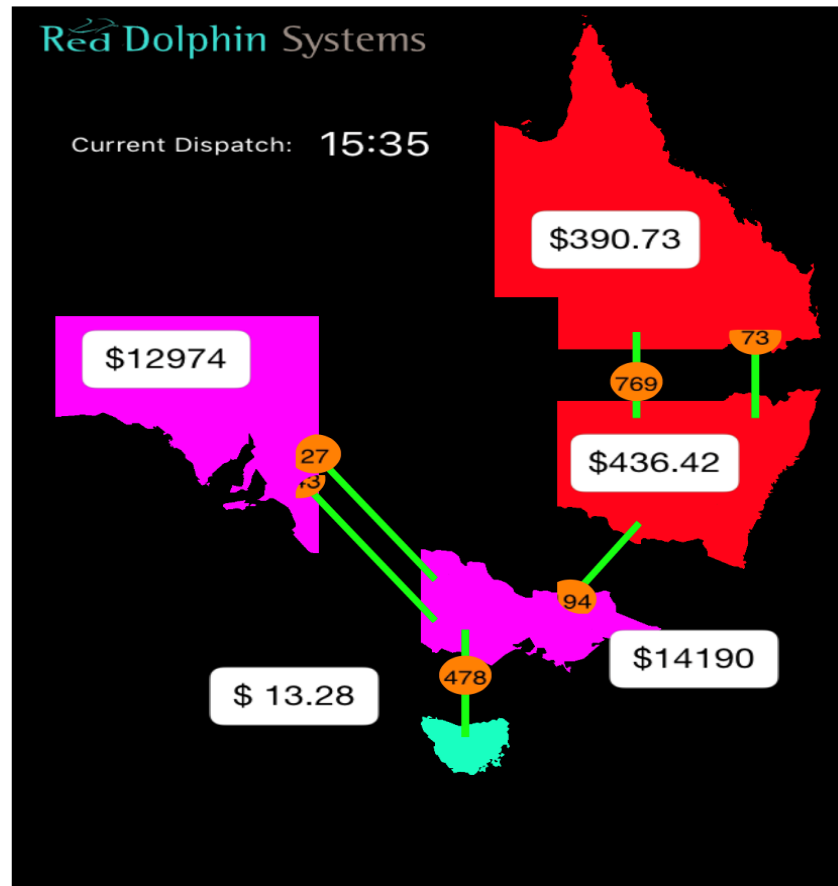


Shift in NEM power generation source... from Q1 2018 to Q1 2019
Black Coal and Hydro displaced by rooftop and grid solar

...and when the sun goes down,
there's no wind and
coal generators go off line....

NEM Grid Wholesale Electricity Price - \$/MWhr

\$14,000/Mwh ~ \$2,000/Gj

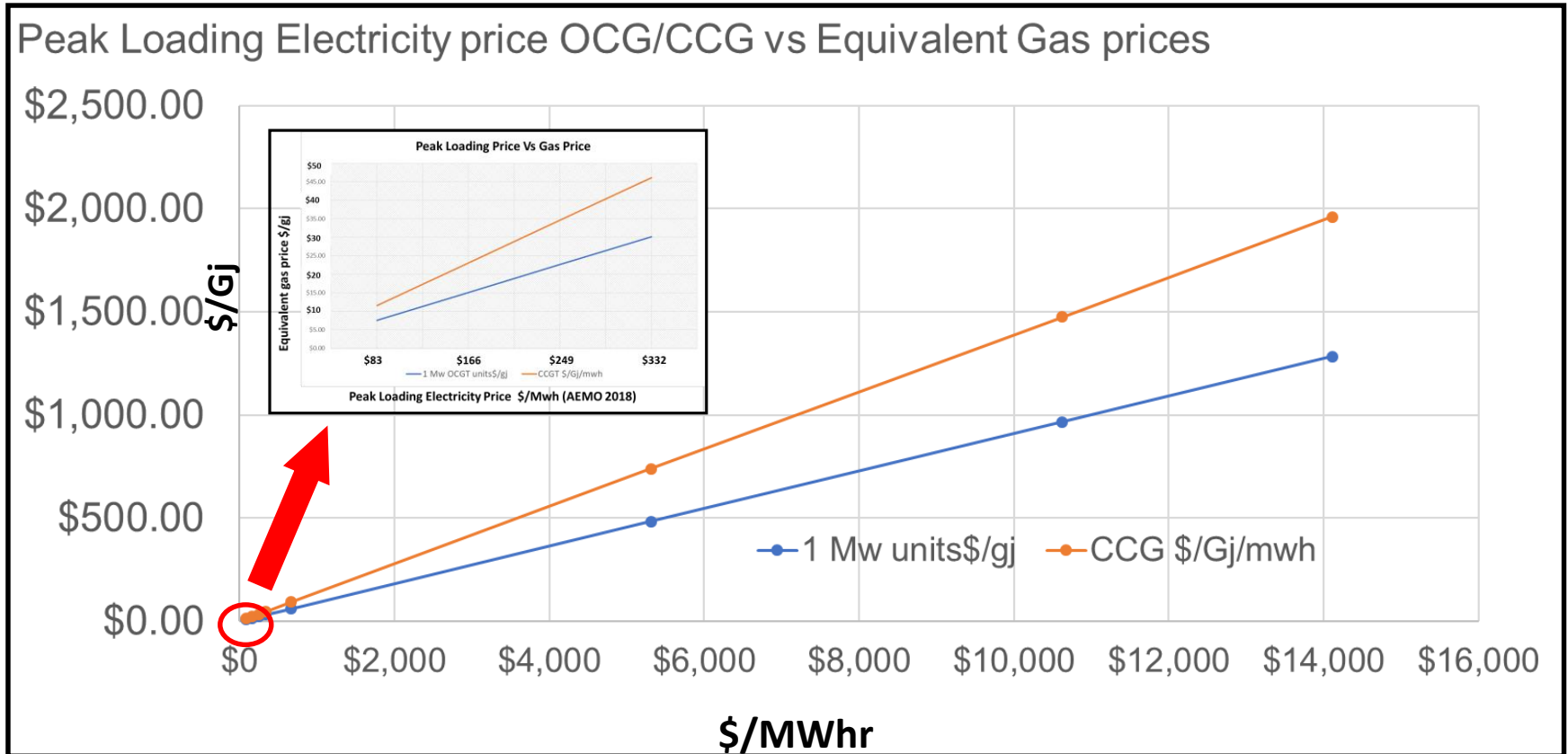


Source: Red Dolphin/PocketNEM

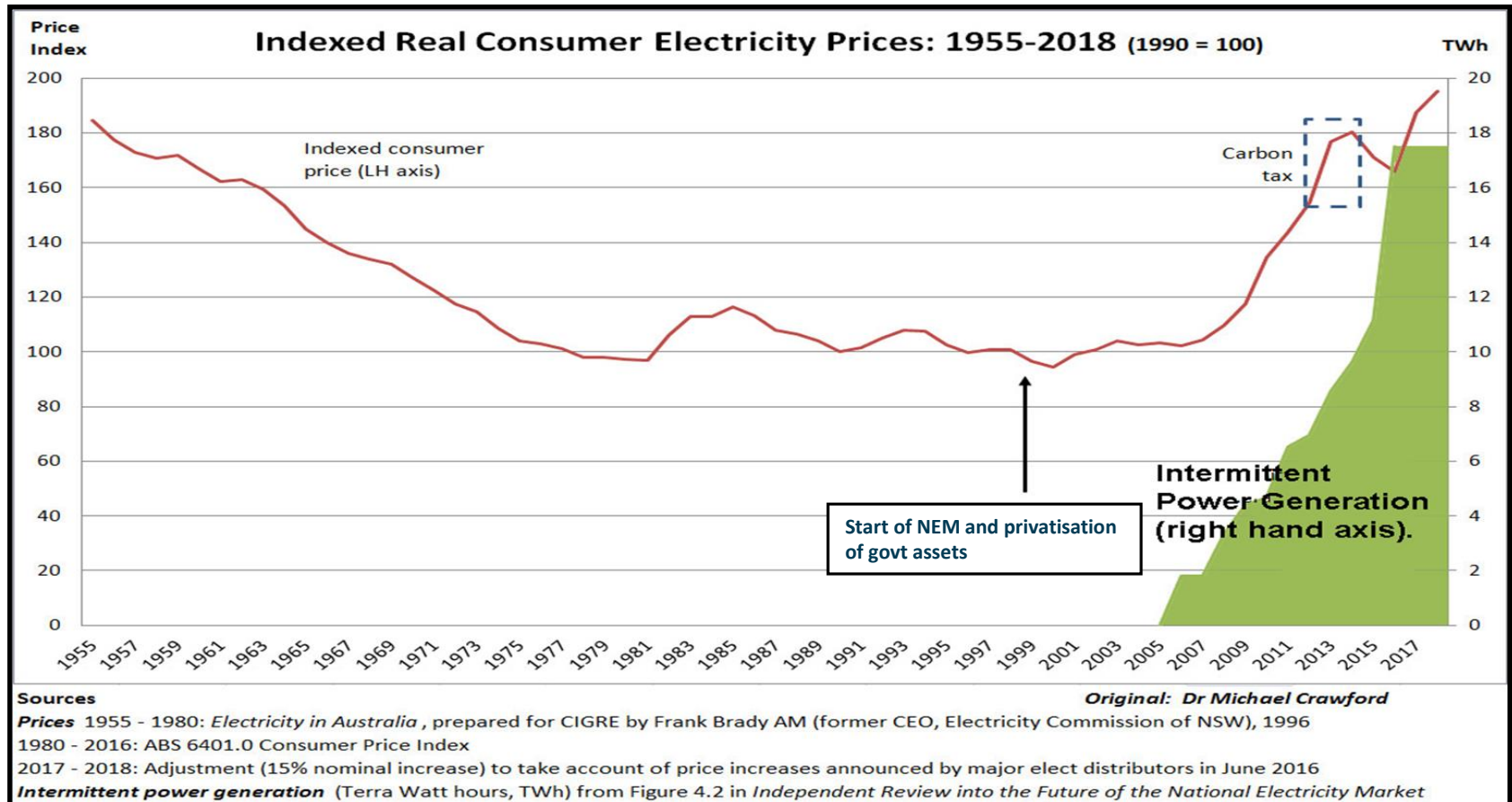
Gas generators are buying gas for \$ 6-10/Gj then getting uplift to \$30-40/Gj at ordinary peak electricity demand times when solar and wind generation is low

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Massive uplift on gas price with peaking gas fired generation



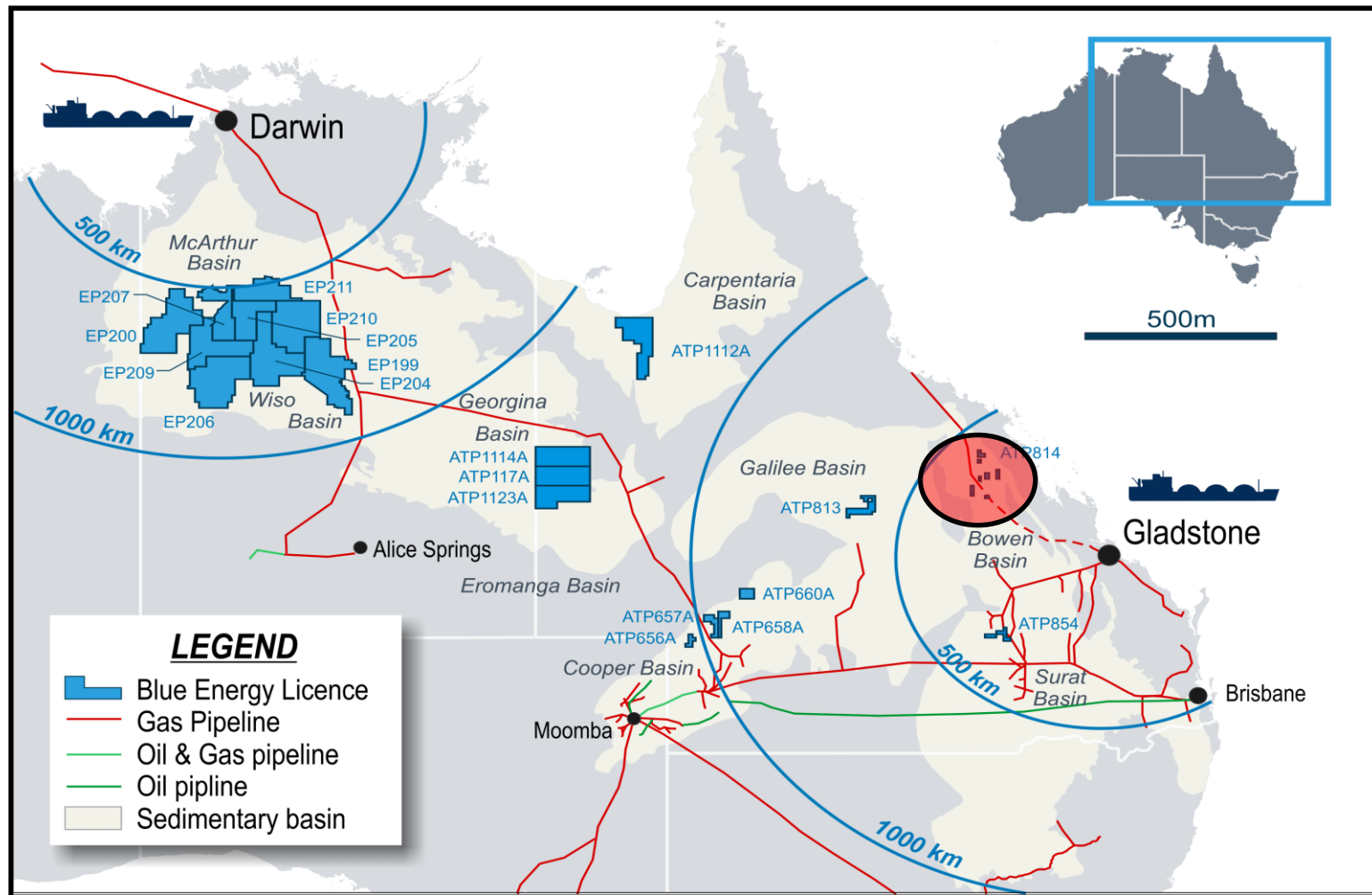
Australian Electricity - World's cheapest to most expensive in just 15 years!!



We have undone 50 years of efficient, reliable, low cost power generation attempting to reduce global atmospheric CO2 and average temperature....

But household electricity bills have skyrocketed!

Blue has Gas



Blue has Gas Reserves and Resources close to markets plus exploration upside

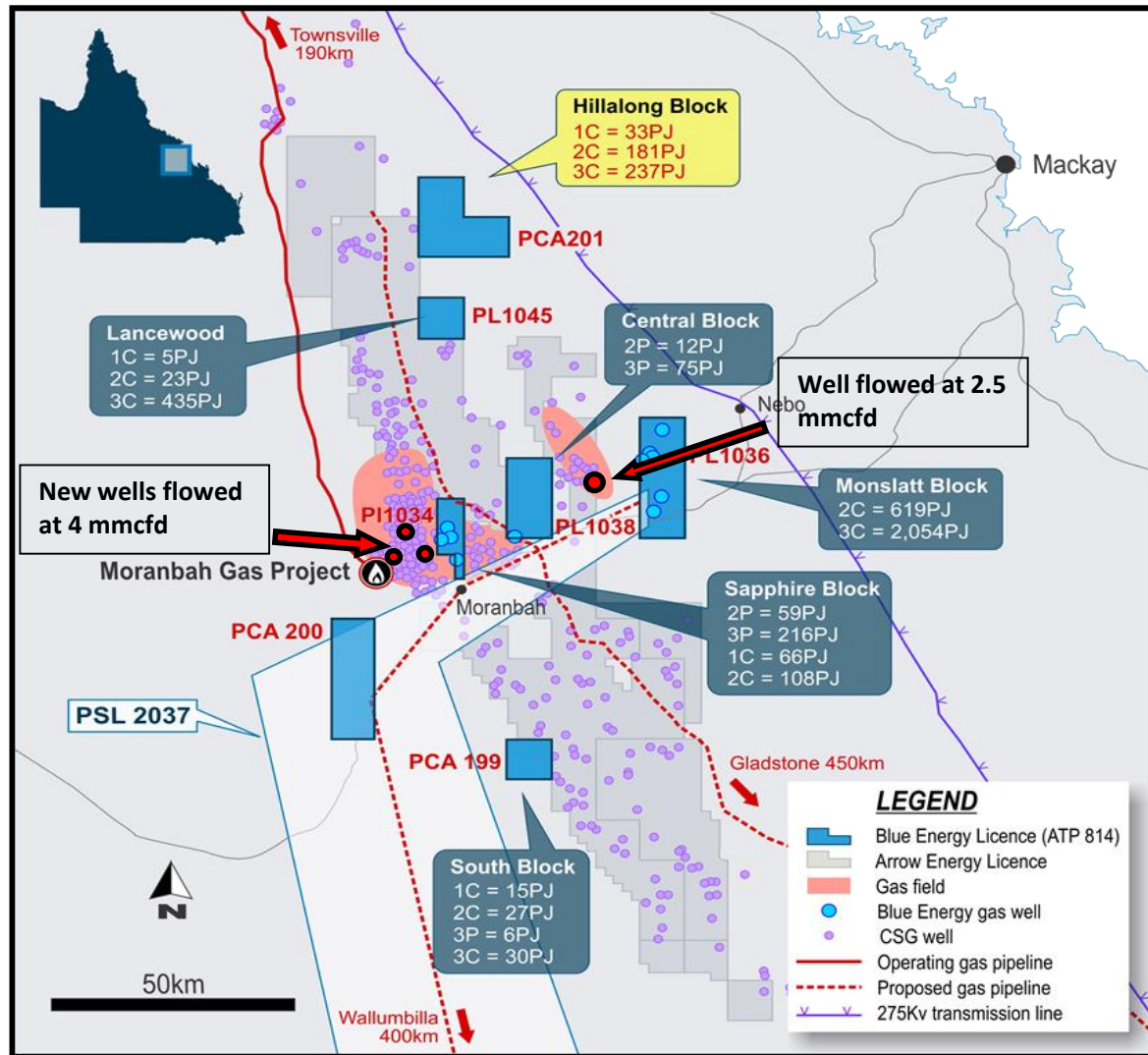
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The **Bowen Basin** and ATP 814

Keys to long term East Coast gas security
Nation building pipeline needed

- Large discovered resource: 10,000 - 15,000 PJ - development ready
- Arrow (Shell/Petrochina) has 80% : Blue Energy has 20% of the resource
- The Bowen Basin is a producing basin
 - 35 Tj/day into local market only ammonium nitrate and
 - Well flow rates up to 4 mmcfd
 - Could supply next 30 years of East Coast Domestic Demand
- Reserves and resources assessed by Tier 1 independent - NSAI
- Pipeline connection needed to connect the East Coast Market
 - Nation building infrastructure

Blue's Bowen Gas Resource: 3,248 PJ's



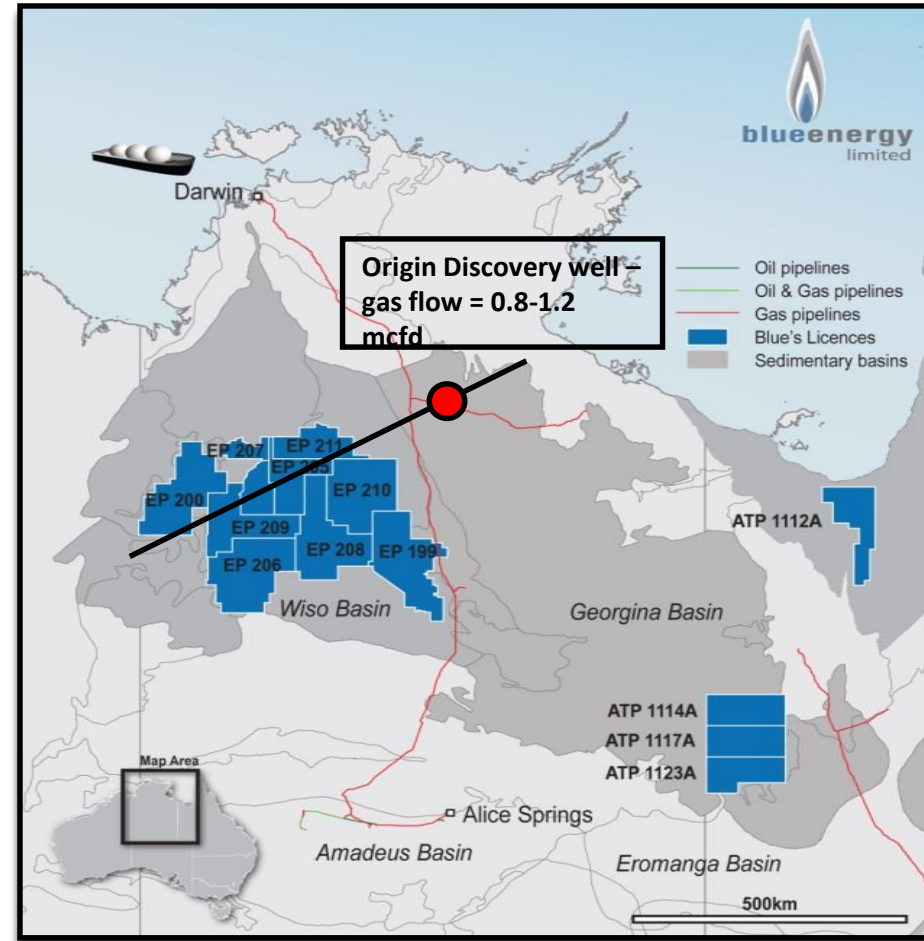
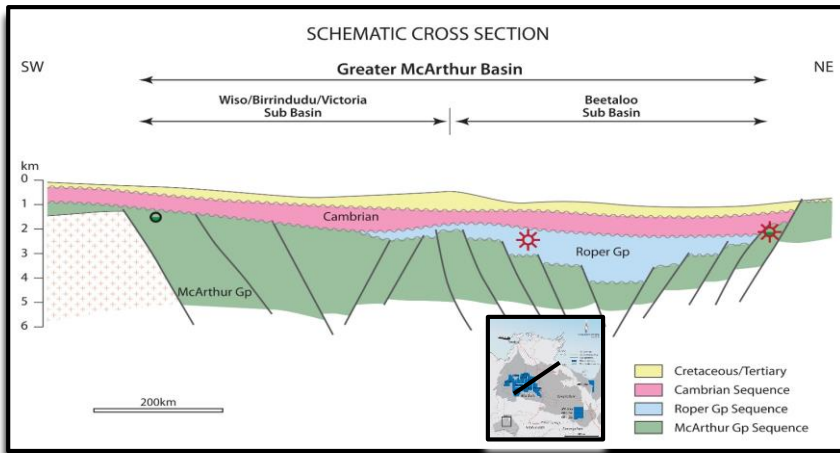
Blue's progress in Queensland

- Blue increased Contingent Gas Resource by 237 PJ in ATP814P
 - Total 3C = 4,179 PJ (Bowen, Galilee and Surat Basins)
 - Total 2P+2C = 1,237 PJ
 - 2P = 71 PJ
 - 3P = 298 PJ
 - Assessed by NSAI – Dallas based top tier global certifier
- Pipeline Survey Licence to connect Bowen Basin to Wallumbilla
 - Studies to optimise route in recently awarded PSL 2037
- PL Applications in Bowen acreage on foot
 - Native Title and Environmental Authority underway
- Opportunity to access Nth Qld electricity grid – uplift on gas price

Exposure to Emerging Play

Proterozoic Shale in NT

- Material acreage position
- Proven Petroleum System
- World class source rocks
- Proof of concept
- Pepper Inquiry Recommendations partially legislated - 135 in total
 - Beta testing by Santos and Origin
 - 4 wells proposed by them this year



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Blue's Strategy and Catalysts

- Focussed on monetising Bowen Basin gas – 30 years of supply
 - negotiating with gas buyers
 - progressing pipeline options
 - Increasing gas resources
 - Investigating gas fired generation to stabilise renewables
- Capitalise on short east coast export and domestic markets
- Activity in NT Shale play by adjacent operators
- Continual focus on cost

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