

Poor Fella My Country but still The Lucky Country.

The story so far



- ACCC Enquiry confirms
 - gas shortage
 - predicts ex-field marginal costs to rise to \$5.70/GJ for CSG *page 40-slide 3
- ACCC suggest a reference price of
 - \$7.77/GJ for Southern Markets
 - \$5.87/GJ for Queensland
- "Unexpected" demand (slides 4-7) for gas following closure of
 - Northern Power Station
 - Hazelwood Power Station

With further dislocation in 2022 when Liddell closes.

 Most commentators expect spot price for LNG to rise to above long term price in 2022-2025.



Chart 1.7: CSG production cost curve in the east coast gas market as at March 2016

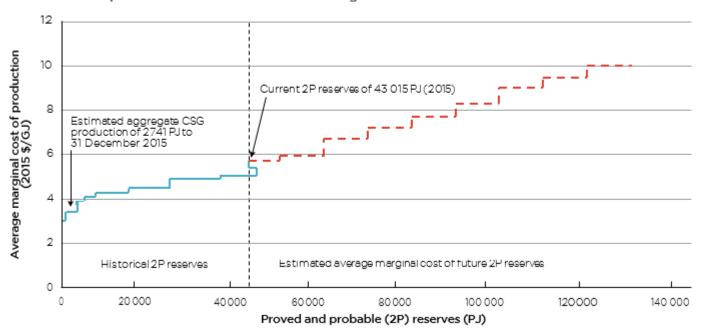


Chart 1.7 shows the historical and projected average marginal cost of production of CSG in the east coast gas market in real terms. These cost estimates include drilling, well completion, gas processing, water treatment and compression. Chart 1.7 shows average marginal costs have increased from \$2.97/GJ when CSG production commenced in 1997 to around \$3.70/GJ for current production in 2015 and are projected to increase to around \$5.70/GL when aggregate production reaches current 2P reserves of 43000 PJ (all values in real \$2015). (Source ACCC Inquiry into the East Coast Gas Market Report, page 40)

ACCC Gas Market Inquiry – 2016 Slide



The ACCC released its Inquiry into the east coast gas market in April 2016:

- Comprehensive and "fully informed" assessment of the east coast gas market
- 12 month study with unprecedented access to confidential market information
- Key findings:
 - 1. New gas supply is urgently needed
 - 2. At risk capital investment from gas producers is required now
 - 3. Efficient pricing for existing pipelines is critical to a market based response
 - 4. Without the above, demand destruction will occur (lost jobs, higher energy costs)

ACCC

Inquiry into the East Coast Gas Market – 2016 Slide Petroleum

2500 Forecast supply and demand (PJ) 2000 1500 **New Capital** 1000 Investment Required Now 500 2019 2022 2016 2017 2018 2020 2021 2023 2024 2025 Undeveloped supply—LNG projects Developed supply Undeveloped supply—other producers Domestic demand and LNG export GSAs Domestic demand and maximum LNG capacity Domestic and LNG GSAs Chart 1.1 Source: ACCC Inquiry into the East Coast Gas Market Report

Chart 1.1 Forecast gas supply and demand balance in the east coast gas market, excluding Arrow, 2016-25

- Sufficient gas is available for existing domestic and LNG contracts through 2018
- Undeveloped supply needs to be brought to market from 2018 (this is at serious risk through moratoriums, ineffective economic regulation of pipeline tariffs, and depressed energy markets generally)
- The east coast market is critically short of gas from 2018



ACCC Inquiry into the East Coast Gas Market – 2016 Slide Cent

350 300 Annual demand (PJ) 250 200 100 50 Actual Forecast demand demand 0 2014 2015 2016 2017 2018 2019 2020 2022 2023 Gas powered generation Residential and commercial Industrial

Chart 1.6 Actual and forecast domestic demand, 2014-23

Source: AEMO's 2015 National Gas Forecasting Report.

The ACCC forecasts already include significant destruction in industrial energy customers and a significant pull back in gas generation. A gas supply shortfall will cut beyond what has already been factored in.

2022 - HINDSIGHT



The Real Crunch to Australia will be in 2022 when

- LNG spot market equals or exceeds long term pricing
- Liddel closes.

The volatility in gas price must be accompanied by supply chain flexibility to allow independent "futures" market.

Electricity companies will profit by VolLatility* in electricity market if physically hedged.

^{*} Volume of Lost Load atility

Pipeline reforms



- First Tranche with GMRG in August 2017 put asset valuation technique as capital costs less capital recovered (see NGR 569(4 below))
 - (4) For the purposes of subrule (3)(a);
 - (a) The value of any assets used in the provision of the pipeline service must be determined using asset valuation techniques consistent with the objective of this Part set out in rule 546(a); and
 - (b) Unless inconsistent with paragraph (a), the value of any assets used in the provision of the pipelines service is to be calculated as:
 - The cost of construction of the pipeline and pipeline assets incurred before commissioning of the pipeline (including the cost of acquiring easements and other interests in land necessary for the establishment and operation of the pipeline);

plus:

ii. The amount of capital expenditure since the commissioning of the pipeline;

less:

- iii. The return of capital recovered since the commissioning of the pipeline;
- iv. The value of pipeline assets dispose of since the commissioning of the pipeline.

CTP's position



- Fully funded four hole appraisal programme over three fields in first half of 2018.
- Brown Field Development with 70TJ/day existing plant with NGP having 60TJ/day capacity available in late 2018.
- If drilling confirms prognosis and pipeline reforms synergistic with reforms on "uncovered" pipeline, Mereenie Gas (including ex-field costs) can be delivered at around \$5/GJ to Sydney.
- CSG marginal ex-field predicted \$5.70/GJ. ACCC reference prices is \$7.77/GJ Southern \$5.87 QLD.
- Price will be long term \$8-\$10/GJ citygate.
- Annual incremental royalties for Northern Territory if drilling confirms prognosis is \$10.5m to \$16m to NT Government and \$2.3m to \$3.5m to CLC.
- "Covered pipelines" to come.
- Day ahead auction for capacity to come.

Milestones – CTP is perfectly positioned



2017

Q3

• Fund raising for drilling

Joint Marketing Agreement with Macquarie

Q4

Interim approval from ACCC

- JV approval for Mereenie Campaign
- Regulatory approval
- TEG

2018

Q1

- Drilling at Mereenie
- Commissioning of TEG

Q2

- Drilling at Palm Valley and Ooraminna
- Marketing of gas for new reserves

Q3

- Reserve certification commenced
- Sales contracts

Q4

- NGP commissioned
- Gas delivered into East Coast Market

Completed

Agreed

Notice and Legal Disclaimer



To the maximum extent permitted by law:

- 1. This presentation is not intended for prospective investors and does not purport to provide all of the information an interested party may require in order to investigate the affairs of Central Petroleum Ltd ("Company"). This presentation does not attempt to produce profit forecasts for the Company and should not be relied upon as a forecast or as a basis for investment in the Company. It presents details of scoping studies and does not present and should not be construed to present financial forecasts for potential shareholders or investors. The conclusions reached in this presentation are based on market conditions at the time of writing and as such may not be relied upon as a guide to future developments.
- 2. The information, data and advice herein is provided to recipients on the clear understanding that neither the Company nor any of its representatives, directors, officers, employees, agents or advisers ("Company Personnel") makes any representation or warranty about its accuracy, reliability, completeness or suitability for any particular purpose and does not accept liability (including, but not limited to, for any expenses, losses, damages and/or costs (including, but not limited to, indirect or consequential damage)) nor take any responsibility of any kind whatsoever (including, but not limited to, whether in contract, tort, financial or otherwise) for the information, data or advice contained or for any omission or for any other information, statement or representation provided to any recipient (including, but not limited to, as a result of information, data or advice being inaccurate, unreliable, incomplete or unsuitable in any way and for any reason whatsoever). Recipients of this document must conduct their own investigation and analysis regarding any information, statement or representation contained or provided to any recipient or its associates by the Company or any of the Company Personnel. Each recipient waives any right of action, which it has now or in the future against the Company or any of the Company Personnel in respect of any errors or omissions in or from this document, however caused. Potential recoverable petroleum numbers are estimates only until the prospects are evaluated further by drilling and/or seismic and are unrisked deterministically derived (unless stated otherwise). The data and information herein are subject to change.
- 3. This document is the property of the Company. The recipient of this presentation should take appropriate legal advice as to whether such receipt contravenes any relevant jurisdiction's financial or corporate regulatory regimes, and, if so, immediately destroy this material or return it to the sender.
- 4. Reserves and contingent resources statements and other opinions expressed by the Company in this presentation may not have been reviewed by relevant Joint Venture partners. Therefore those reserves and contingent resources and opinions represent the views of the Company only. Activities which may be referred to in this presentation are subject to several contingencies inclusive of force majeure, access, funding, appropriate crew and equipment and may not have been approved by and relevant Joint Venture partners and accordingly constitute a proposal only unless and until approved.
- 5. This presentation may contain forward-looking statements. Forward looking statements are only predictions and are subject to risks, uncertainties and assumptions which may be outside the control of the Company and could cause actual results to differ materially from these statements. These risks, uncertainties and assumptions include (but are not limited to) funding, exploration, commodity prices, currency fluctuations, economic and financial market conditions in various countries and regions, environmental risks and legislative, fiscal or regulatory developments, political risks, project delay or advancement, approvals, cost estimates and other risk factors described from time to time in the Company's filings with the ASX. Actual values, results or events may be different to those expressed or implied in this presentation. Given these uncertainties, readers are cautioned not to place reliance on forward looking statements. Any forward looking statement in this presentation is valid only at the date of issue of this presentation. Subject to any continuing obligations under applicable law and the ASX Listing Rules, or any other Listing Rules or Financial Regulators' rules, the Company and the Company Personnel do not undertake any obligation to update or revise any information or any of the forward looking statement in this document if facts, matters or circumstances change or that unexpected occurrences happen to affect such a statement. Sentences and phrases are forward looking statements when they include any tense from present to future or similar inflection words, such as (but not limited to) "believe," "understand," "estimate," "anticipate," "plan," "predict," "may," "hope," "can," "will," "should," "expect," "intend," "projects," "is designed to," "with the intent," "potential," the negative of these words or such other variations thereon or comparable terminology, may indicate forward looking statements and conditional verbs such as "will," "should," "would," "may" and "could" are generally forward-lo
- 6.No right of the Company or its subsidiaries shall be waived arising out of this presentation. All rights are reserved.
- 7.If the whole or any part of a provision of this "Notice and Legal Disclaimer" is invalid, illegal or unenforceable, then such provision will be severed and neither that part or provision or its severance will affect the validity or enforceability of the remaining parts or provisions.

