

# 2024 Annual General Meeting – Company Update

21 November 2024 ASX:GAS

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#### Summary Information

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#### Future Performance

This Presentation contains certain "forward looking statements". Forward-looking statements can be identified by the use of forward-looking terminology such as, but not limited to, 'may', 'will', 'expect', fanticipate', 'estimate', 'would be', 'believe', or 'continue' or the negative or other variations of comparable terminology. These statements are subject to risks and uncertainties that could cause actual results to differ materially from those projected.

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#### The material in this presentation has been previously released to the ASX.

#### Additional information about Contingent Resource Estimate

The Contingent Resource estimates for the Reid's Dome and Rougemont Gas Projects (State Gas 100%) and State Gas' 35% interest in ATP 2068 and ATP 2069 are as at 12 September 2022. They were estimated utilising the probabilistic method with totals summed arithmetically and have not been adjusted for commercial risk.

The Contingent Resource estimates are based on technical data for the permits, regional geologic and production interpretations, and in the case of the Reid's Dome and Rolleston-West Projects, data derived by State Gas from exploration activities on the permits, including reprocessing of seismic, drilling, core analyses, production testing and analyses of produced gas and water. Additional exploration and appraisal is required to address the contingencies associated with these resources to confirm commercial viability and areal extent. If the contingencies are successfully addressed, some part of the Contingent Gas Resources may be reclassified as reserves. The estimates of Continent Resources have not been risked to account for the possibility that the contingencies are not successfully addressed.

The estimates reported relate to unconventional petroleum reserves. The details of the project area, the method of extraction and number of wells that may be required are not yet finalised. The Contingent Resources estimated have been prepared in accordance with the definitions and guidelines set forth in the SPE-PRMS 2018.

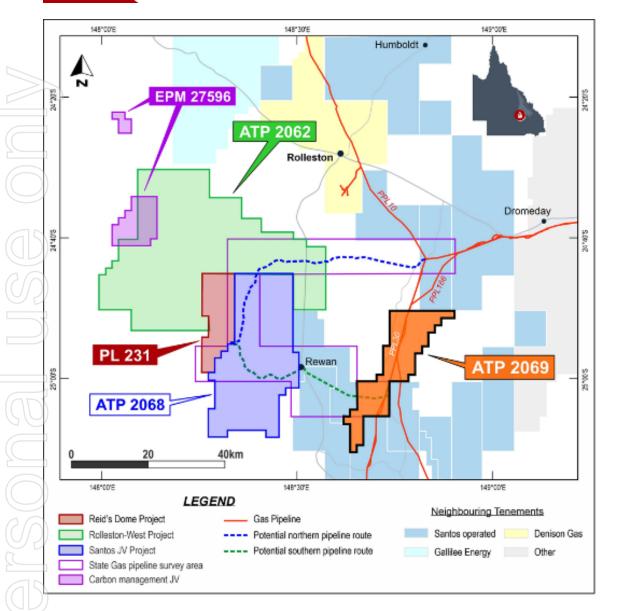
The estimates reported are not contingent on technology that remains under development

#### **Competent Persons Statement**

The estimate of Contingent Resources for the Reid's Dome and Rolleston-West Gas Projects (of which State Gas holds 100%), and State Gas' 35% interest in ATP 2068 and ATP 2069, provided in this document, is based on, and fairly represents, information and supporting documentation prepared by Mr James Crowley in accordance with Petroleum Resource Management System guidelines.

Mr Crowley is a qualified person as defined under the ASX Listing Rule 5.42. Mr Crowley holds a Bachelor of Science (Honours) from Macquarie University, Sydney and has over 36 years' experience in the industry. He is a member of The Petroleum Exploration Society of Australia and The Society of Petroleum Engineers. Mr Crowley has consented to the publication of the Contingent Resource estimates for the Reid's Dome and Rolleston-West Gas Projects, and ATP 2068 and ATP 2069, in the form and context in which they appear in this Presentation.

# 1. Substantial natural gas assets in the right place



Year	Asset	Net Acreage (km²)	Estimated Contingent Resources* (PJ's Net to State Gas)		
			1C	2C	3C
2017	PL231 Reid's Dome (unconventional)	181	84	192	660
	PL231 Reid's Dome (conventional)		1.7	3.6	7.9
2020	ATP 2062 Rolleston-West (unconventional)	1,414	145	261	454
	ATP 2062 Rolleston-West (conventional)		6	18	52
2022	ATP 2068 (unconventional)	254	25	43	68
2022-23	ATP 2069 (unconventional)	108	12	17	24
Total		1,957	274	534	1,266

#### No Changes to Previously Reported Resource Estimates

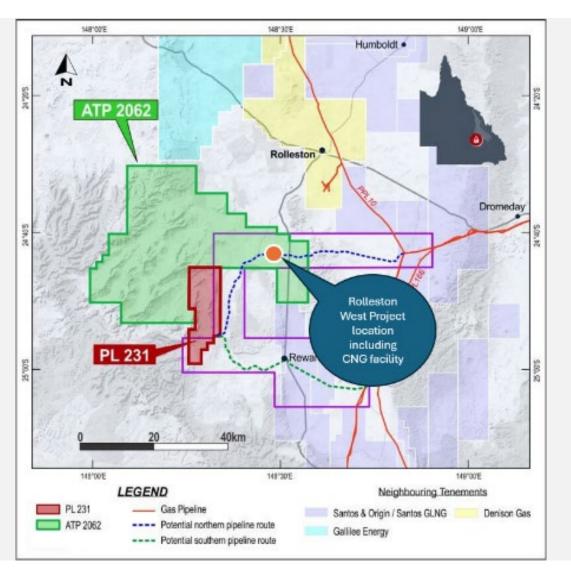
State Gas confirms that it is not aware of any new information or data that materially affects previously disclosed resources estimates summarised in the above table. All material assumptions and technical parameters underpinning the estimates in the original market announcement on 12 September 2022 continue to apply.

## 2. Diversified business model

**i** 

HDNG fuel supplier and developer of new CSG technology

- Increasing and substantial demand for lower emission alternatives to diesel
- Queensland coal sector is a substantial initial market, but broader use cases for high energy content fuel, with lower emission profile than diesel
  IP and process technology (particular the HDNG pilot plant) provides first mover advantage in decarbonisation opportunities





### Substantial natural gas portfolio located in right area

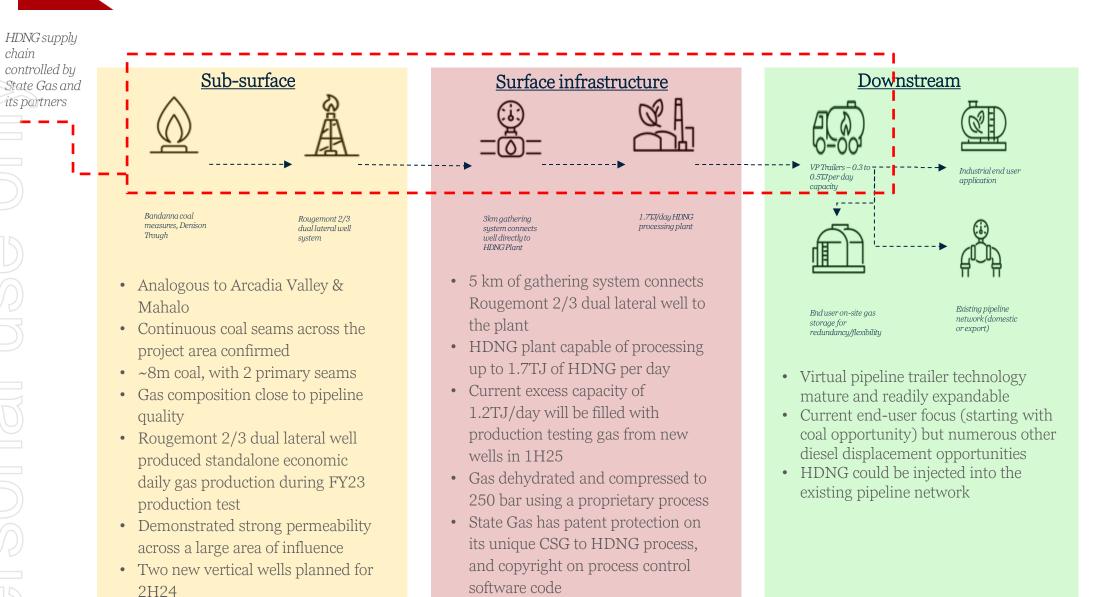
- 2630 km2 of combined acreage
- 534PJ<sup>^</sup> of 2C resource, targeting the highly prospective Bandanna coal sequence
- Seeking to establish a maiden 2P Reserve for Rolleston West Project (30-50PJ\*)
- All assets close to significant existing projects targeting similar coal measures
- Potential long term synergistic development of the area in conjunction with larger players
- No domestic gas reservation

^ No change since original resource estimates published on 12 September 2022

\* Management estimate based on internal geological model – not yet subject to third party verification

# 3. The HDNG Alternative Energy Solution

chain



### **4. HDNG Production Assets**



Image: HDNG Production Facility – loading VP Trailer



Image: Full VP road train configuration





Image: Compressor package



Image: VP Trailer being filled

### 5. Rolleston West – A New Generation Gas Project

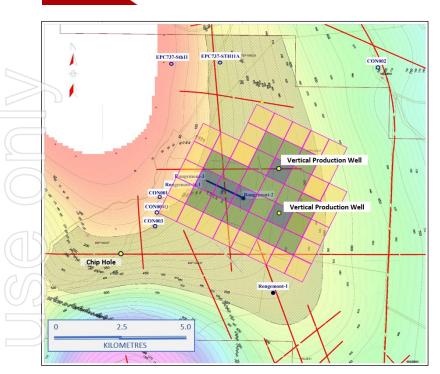


Image: New Vertical Well locations and potential reserve designation zones

The company considers that the delivery of additional exploration and appraisal wells stepped out from its existing dual lateral well system will serve multiple purposes:

- . further delineate gas resources for the purpose of supporting recognition of initial Proved and Probable 2P reserves:
- demonstrate the commercial viability of a larger scale gas project, potentially capable of attracting third parting funding for pipeline infrastructure; and

bring to market new gas supply which can be immediately processed into HDNG and sold using the Company's existing HDNG production facility and Virtual Pipeline (VP) technology.

^ No change since original resource estimates published on 12 September 2022 \* Management estimate based on internal geological model – not yet subject to third party verification

- Intersected approximately 8 metres of net coal, with the thickest seams laterally continuous over many kilometres. The gas content of the coals is between 5 and 6 m3/tonne dry ash free. Gas is at or near pipeline quality
- Early stage commercialisation of production testing gas (via HDNG process) will accelerate establishing a 2P reserve for the Project, which will in turn support infrastructure and project finance
- State Gas has been awarded a Queensland Government exploration grant of \$5.5M to support drilling to two new vertical step-out exploration and appraisal wells near the existing Rougemont 2/3 dual lateral well system

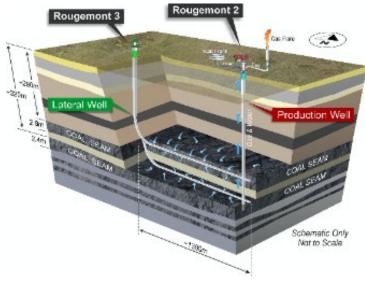
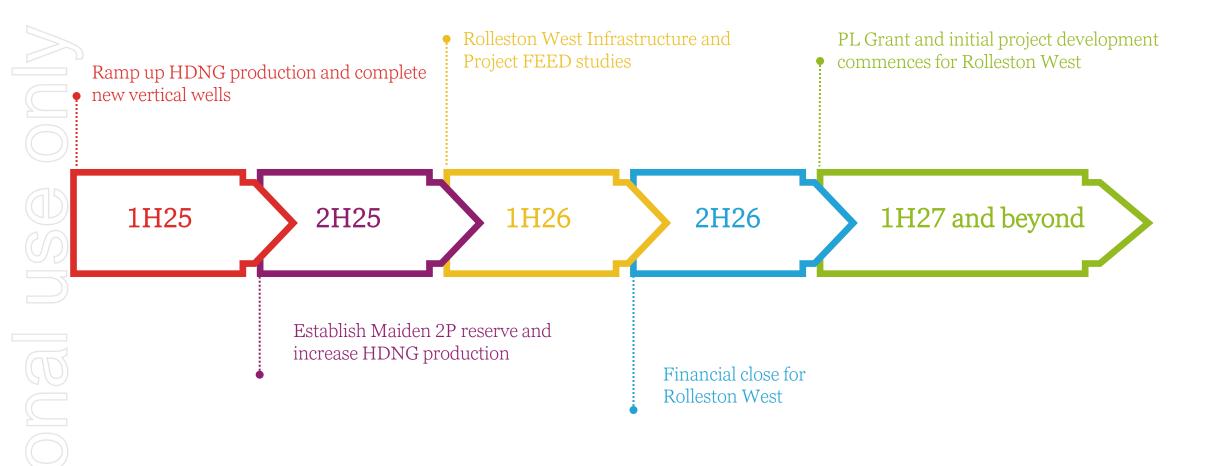


Image: Rougemont 2/3 dual lateral well system

- Appraisal gas from these wells will be fed directly into the HDNG plant to support the Company's fuel supply strategy
- Supports a 10TJ-a-day traditional gas project, which could be developed in conjunction with continued HDNG production

# 6. State Gas Value Catalysts



# Questions and comments

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