

## **ASX Announcement / Media Release**

26 November 2015

# Data room opens for Gippsland Basin Gas Hub

- Data room open
- Optimisation of project funding and commercial alignment

Cooper Energy (ASX:COE) advises that it has opened the Gippsland Basin Gas Hub data room announced to the company's 2015 annual general meeting on 12 November. The data room, which includes the Sole Gas Project and Orbost Gas Plant and the Manta Gas Project, has been opened to facilitate optimal project funding and commercial alignment of interests through the involvement of other parties.

Cooper Energy Managing Director David Maxwell said "interest in gas resources offering supply to eastern Australia is at unprecedented levels. The level of enquiry we have already received is consistent with this and the fact that the Gippsland Basin gas fields are among the most competitive sources of supply for the shortfall facing south-eastern Australia."

"Now is the right time for the commercial alignment of interests across projects to be progressed and for Cooper Energy to identify the optimal equity and funding positon for its shareholders" said Mr Maxwell.

Cooper Energy currently holds equity levels of 50% in Sole and the Orbost Gas Plant and 65% in Manta.

It is expected that the data room will close by early February 2016 and that any transaction arising from the data room initiative would be announced within the March quarter 2016.

## **About the Gippsland Basin Gas Hub**

The Gippsland Basin Gas Hub comprises the Orbost Gas Plant and the offshore permits VIC/RL3 (which contains the Sole gas field) and VIC/L26 - L28 (which contains the Manta gas field (refer annexure) and liquids resource. Collectively this portfolio offers gross Contingent Resources (2C)<sup>1</sup> of 347 PJ of gas (Cooper Energy share: 189 PJ) and an existing processing plant connected to the Eastern Gas Pipeline.

Sole and Manta are conventional gas fields, relatively close to market and will access existing infrastructure. The fields are considered to be amongst the most competitive source of new supply for south-eastern Australia in the medium term.

Sole is currently the subject of Front End Engineering and Design (FEED) for a Final Investment Decision (FID) in the September quarter 2016. The FEED is progressing ahead of schedule and within budget. Cooper Energy has secured its first Heads of Agreement for sale of gas from Sole and is well advanced in negotiations for additional

<sup>&</sup>lt;sup>1</sup> Refer notes on calculation of Resources provided on page 5 of this document

sales agreements. Santos Limited has a 50% interest in VIC/RL3 and the Orbost Gas Plant.

The Manta Gas Project has been identified as a viable business opportunity and evaluation of the commercialisation options is currently underway, including discussion with customers. The current schedule is for Manta to enter FEED in the March quarter of 2017 for a FID in the March quarter 2019 and production from the June quarter of 2021. Beach Energy Limited has a 35% interest in VIC/L26 - L28.

Further comment and information						
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**About Cooper Energy Limited (ASX:COE)** is an ASX listed exploration and production company featuring low cost oil production, a growing portfolio of gas resources and exploration acreage and a management and Board team with a proven track record in building resource companies. Cooper Energy conducts oil exploration and production in the Cooper and South Sumatra Basins and is working towards development of its Gippsland Basin gas resources to address emerging supply opportunities in Eastern Australia. The company has a strong balance sheet, enjoys strong cash flow and is executing a clear strategy driven by shareholder return. www.cooperenergy.com.au

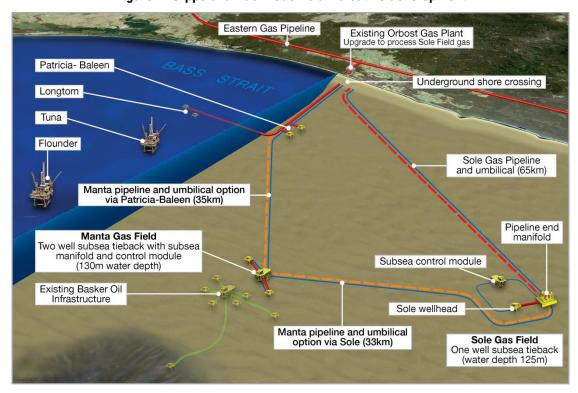


Figure 1: Gippsland Basin Gas Hub Indicative development

The **Orbost Gas Plant** was constructed in 2003 to process gas from the Patricia Baleen gas field and subsequently upgraded to process Longtom gas. The plant was placed into care and maintenance in August 2015. Planning has commenced to prepare the plant to process Sole, Manta and other third party gas.

The **Sole Gas Field** is in water depth of 125 metres, 35 kilometres from the BMG fields and 65 kilometres from the Orbost gas plant. The Sole field was appraised by two wells that confirm excellent reservoir quality and gas deliverability. Sole-2 encountered a 70 metre gas column and flowed 23MMscf/d on production test. Estimated gross Contingent Resource (2C) <sup>2</sup> is 241PJ (121PJ net to Cooper Energy).

The **Manta gas/condensate field** is located in water depth of 130 metres, adjacent to the Basker oil and gas field that ceased production in 2010. The field was appraised by two wells and 21 individual oil and gas sands were encountered in the Intra-Latrobe Group and 5 gas/condensate sands in the Golden Beach Group. The Golden Beach GB5a sandstone flowed at 18.6 MMscf/d with an associated 1,000 bbl/d condensate on production test. Estimated gross Contingent Resource (2C) <sup>2</sup> is 106PJ and 2.6MMbbl of condensate (COE net 69PJ gas and 1.7MMbbl of condensate).

<sup>&</sup>lt;sup>2</sup> Refer notes on calculation of Resources provided on page 5 of this document

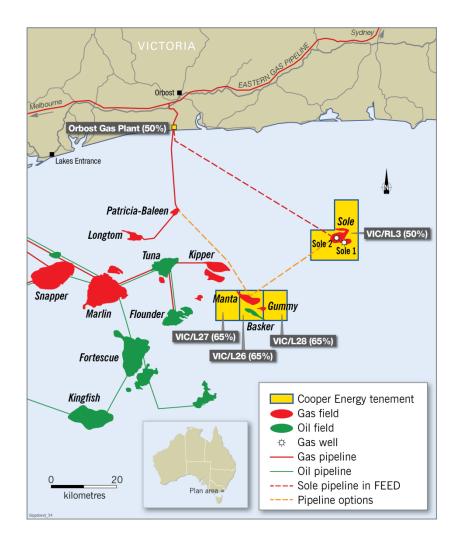


Figure 2: Gippsland Basin Gas Hub Assets

Figure 3: Sole and Manta field Contingent Resources<sup>3</sup> as at 26 November 2015

			Gross (100% field)			Net to Cooper Energy		
			1C	2C	3C	1C	2C	3C
Sole	Gas	PJ	203	241	285	102	121	143
Manta	Gas	PJ	68	106	165	44	69	108
IVIAIIIA	Condensate	MMbbl	1.7	2.6	4.0	1.1	1.7	2.6
TOTAL	Gas	PJ	271	347	450	146	189	251
	Condensate	MMbbl	1.7	2.6	4.0	1.1	1.7	2.6

 $<sup>^{\</sup>rm 3}$  Refer notes on calculation of Resources provided on page 5 of this document

#### Calculation of Reserves and Resources

The approach for all reserve and resource calculations is consistent with the definitions and guidelines in the Society of Petroleum Engineers (SPE) 2007 Petroleum Resources Management System (PRMS). The resource estimate methodologies incorporate a range of uncertainty relating to each of the key reservoir input parameters to predict the likely range of outcomes. Project and field totals are aggregated by arithmetic and probabilistic summation. Aggregated 1P or 1C may be a conservative estimate and aggregated 3P and 3C may be an optimistic estimate due to the effects of arithmetic summation. Totals may not exactly reflect arithmetic addition due to rounding.

## **Contingent Resources**

The Contingent Resource assessment includes resources in the Gippsland Basin announced to the ASX in respect of the Manta field (16 July 2015) and Sole field (26 November 2015). Cooper Energy is not aware of any new information or data that materially affects the information provided in those releases, and all material assumptions and technical parameters underpinning the estimates provided in the releases continue to apply.

Contingent Resource in the Sole field in VIC/RL3, Gippsland Basin, offshore Victoria, have been assessed by Santos Limited as Operator and documented in the Operator's Preliminary Field Development Plan (2013) and refreshed in May 2015 as part of the pre-FEED process. The Contingent Resources have been assessed using probabilistic simulation modelling for the Kingfish Formation at the Sole Field.

Contingent Resources in the Manta field in VIC/L26 and VIC/L27, Gippsland Basin, offshore Victoria, have been assessed using deterministic simulation modelling and probabilistic resource estimation for the Intra-Latrobe and Golden Beach Sub-Group. Contingent Resources for the Manta Field reservoirs have been aggregated by probabilistic summation.

### **Qualified Petroleum Reserves and Resources Evaluator Statement**

The information on Cooper Energy's petroleum reserves and resources assessment is based on and fairly represents information and supporting documentation reviewed by Mr Andrew Thomas who is a full-time employee of Cooper Energy Limited holding the position of Exploration Manager, holds a Bachelor of Science (Hons), is a member of the American Association of Petroleum Geologists and the Society of Petroleum Engineers and is qualified in accordance with ASX listing rule 5.41 and has consented to the inclusion of this information in the form and context in which it appears