

STATUTORY DECLARATION

Oaths, Affidavits and Statutory Declarations Act 2005 (WA)

I, Mark Fothergill of Level 19, 580 George Street, Sydney, New South Wales, occupation General Manager, Infrastructure Strategy and Engineering at APA Group, sincerely declare as follows:

- 1 I have been in my current role of General Manager, Infrastructure and Engineering at APA Group since October 2007. I graduated from the University of Queensland with an honours degree in Chemical Engineering and have completed a Post-Graduate Diploma of Computing Studies at the University of Canberra. I am currently a member of the Australian Institute of Company Directors and am a director of Energy Pipelines CRC, a user led organisation established for the purpose of providing research and education to support and benefit the energy pipelines industry in Australia. I am also the Chairman of the Australian Pipelines and Gas Association's Research and Standards Committee. I have over 25 years of experience in project management, construction, operational engineering and engineering management.
- 2 My responsibilities in my role at APA Group include oversight of engineering solutions for the APA Group's gas transmission pipelines, including the Goldfields Gas Pipeline (**GGP**).
- 3 The GGP mainline is a 1,377.6 kilometre gas transmission pipeline that provides gas transportation services to a range of locations between Yarraloola and Kalgoorlie. A portion of the capacity on the GGP is 'covered' and is therefore subject to price and revenue regulation under the National Gas Law and the National Gas Rules. A portion of the capacity on the GGP is not covered and is therefore not subject to price and revenue regulation under the National Gas Law and National Gas Rules.
- 4 This declaration deals with the issue of covered capacity on the GGP.
- 5 One of the parameters that determines the capacity of a pipeline is the heating value of the gas transported in the pipeline.
- 6 Historically, the heating value of the gas transported in the GGP was around 39 MJ/m³. Following amendment to the *Gas Supply (Gas Quality Specifications) Regulations 2010 (WA)* in March 2015, the required minimum higher heating value for the GGP was changed to 35.5 MJ/m³ in *Schedule 2*.
- 7 With this change to the heating value, the capacity of the pipeline and therefore, the covered pipeline have also changed.
- 8 To determine the capacity of the covered pipeline, a gas pipeline simulation model was used (Synergi Gas v4.8.0). The capacity is the summation of current covered throughput contracts and calculated surplus capacity, using a reference gas specification of 35.5 MJ/m³.

9 The outputs from the pipeline simulation showed the:

- (a) capacity of the covered pipeline, with surplus capacity calculated at Kalgoorlie is 102.0 TJ/day; and
- (b) capacity of the covered pipeline, with surplus capacity calculated at Newman is 103.7 TJ/day.

This declaration is true and I know that it is an offence to make a declaration knowing that it is false in a material particular.

This declaration is made under the *Oaths, Affidavits and Statutory Declarations Act 2005* (WA).

DECLARED at HSBC Centre, 580 George Street
Sydney NSW 2000

on 26th of February 2016

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Mark Fothergill

in the presence of:



ANSLIE LYNCH
SOLICITOR