10 November 2022

Energy Policy WA
Department of Mines, Industry Regulation and Safety
Government of Western Australia

Via: EPWA-info@dmirs.wa.gov.au

Energy Networks Australia's response to Consultation – WA Renewable Hydrogen Target

Dear Secretariat

Energy Networks Australia welcomes the opportunity to provide a response to the Consultation Paper titled: "*Renewable Hydrogen Target for electricity generation in the South West Interconnected System".*

Energy Networks Australia is the national industry body representing Australia's electricity transmission and distribution and gas distribution networks. Our members provide more than 16 million electricity and gas connections to almost every home and business across Australia.

ENA supports measures to reduce emissions from the energy sector as noted in our Energy Vision[1]. Energy networks are key to delivering a net zero emissions energy system. Our gas network members are working on renewable gas solutions that can support Australia's decarbonisation efforts. Progress on projects and detailed actions to increase the level of renewable gas in Australia's gas networks are outlined in Gas Vision 2050[2].

We

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in the Dampier Bunbury pipeline[4]. APA group is also undertaking a pre-feasibility study to assess the viability to produce and transport green hydrogen via APA's Parmelia Gas Pipeline in WA[5].

The gas distribution industry in WA is well positioned to create opportunities for blending hydrogen within its natural gas supply. Levels of up to 10 per cent by volume can typically be blended within natural gas blends with no noticeable difference to the end user experience and create a demand for hydrogen production.

Should you have any queries or wish to discuss this further, please contact ENA's Head of Renewable Gas, Dr Dennis Van Puyvelde, dvanpuyvelde@energynetworks.com.au.

Yours sincerely,

Dominic Adams

General Manager, Networks

[4] https://www.agig.com.au/western-australian-feasibility-study
[5] https://www.apa.com.au/news/media-statements/2022/australias-first-potential-conversion-of-a-gas-transmission-pipeline-to-pure-hydrogen-a-step-closer/