

## **Domestic Renewable Gas Target required to shore up net zero energy supply**

The Australian Pipeline and Gas Association (APGA) shares the federal and state governments' commitment to ensuring Australian households and industry have access to affordable energy and encourages the urgent development of a renewable gas market to help alleviate long-term supply concerns.

The APGA acknowledges the difficult short-term circumstances facing the East Coast Gas Market and has been strongly advocating for a Renewable Gas Target (RGT) to help unlock significant investment in the domestic renewable gas industry and provide Australians a lower-cost pathway to decarbonise.

APGA Chief Executive Steve Davies said this unprecedented intervention demonstrates the critical contribution of gas in ensuring the long-term reliability of the domestic electricity grid as Australia continues its transition toward a 43 per cent reduction in emissions by 2030 and net zero by 2050.

"There is no silver bullet in addressing this supply crisis, but the gas infrastructure sector has readily available capacity to deliver energy to Australians at the lowest possible cost," Mr Davies said.

"The next step in Australia's decarbonisation journey is to help ensure long-term supply security by prioritising the development of a renewable gas market where hydrogen and biomethane can deliver zero emissions gas to households and industry."

"As more renewable generation comes online, gas-powered generation is the best option that can provide dispatchable power on demand for extended periods and will play an increasingly vital role in firming the National Electricity Market (NEM) to ensure Australians have access to reliable electricity."

In addition to firming the NEM, gas-powered generation is uniquely placed to provide Australian households and industry with an 'insurance policy' as it works in tandem with renewable generation.

"There is a myth that the gas industry works in opposition to renewable generation - it's just untrue," Mr Davies said.

"The use of low-emissions gases from carbon-capture and storage, or zero emissions gases such as biomethane and hydrogen, complements and provides security to support high renewable generation."

Suburbs in Sydney, Adelaide and Perth are already using a blend of hydrogen gas in their networks, and this is set to expand considerably with encouragement from Federal and state governments.

Similarly, biomethane offers the most technically simple and cost-effective early emission reduction opportunity for Australians and is readily usable in existing gas pipelines and networks. There are more than 100 biomethane facilities in Australia already and it is extensively used in overseas markets, with Copenhagen on track to use 100% biomethane in its networks by 2025.

To learn more about renewable gases and how the APGA and the broader gas infrastructure industry are helping to deliver the least-cost pathway to net zero, [click here](#).

The Australian Pipelines and Gas Association (APGA) represents the owners, operators, designers, constructors, and service providers of Australia's pipeline infrastructure, connecting natural and renewable gas production to demand centres across Australia. APGA members ensure the safe and reliable delivery of 28 per cent of the end-use energy consumed in Australia and are at the forefront of Australia's renewable gas industry, helping achieve net-zero as quickly and affordably as possible.

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### **About**

APGA is the peak body representing Australasia's pipeline infrastructure. While many members have a focus on gas transmission they are active in all aspects of the industry including transportation of other products, such as oil, water and slurry. Our members include constructors, owners, operators, advisers, engineering companies and suppliers of pipeline products and services.

### **Contact**

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