

HyP SA Update

Welcome

It has been a busy few months for the AGIG team.

In this fifth instalment of the HyP SA Update, I'm excited to say that our Hydrogen Park South Australia project is nearing completion.

Commissioning is under way and, for the first time ever, a 5% renewable gas blend will soon flow to existing gas customers in neighbouring Mitchell Park.

This significant achievement helps put South Australia, and Australia, on a pathway to a cleaner energy future.

Today a partnership was announced that will see HyP SA become a major supplier of hydrogen to industry, another step in this nation-leading project.

It's also encouraging, and a reflection of the hard work of AGIG and our project partners, to see our team and projects being recognised by the wider industry with award wins and nominations.

Read about these announcements, news and more in this latest HyP SA Update.

Ben Wilson
Australian Gas Infrastructure Group (AGIG)
Chief Executive Officer

HyP SA to be industry supplier of hydrogen

HyP SA is set to become a major supplier of renewable hydrogen gas to the local and interstate industry.

Incorporated into the project's design, an agreement between AGIG and leading gas and engineering company BOC will see tube trailer filling become a reality at HyP SA.



BOC will take hydrogen produced at the site and safely transport it to customers in South Australia and interstate.

By January 2021, this will completely replace the need to import hydrogen from Victoria, saving an estimated 72,000 tonnes of carbon emissions per year from transportation alone.

The main form of hydrogen transportation today, tube trailers are generally semi-trailers consisting of gas tanks that enable it to be supplied safely to any destination via road.

The agreement, announced today, has been welcomed by South Australian Minister for Energy and Mining, the Hon Dan van Holst Pellekaan MP.

The commissioning and production of hydrogen at HyP SA was supported by a \$4.9 million grant from the South Australian Government's Renewable Technology Fund.

Read today's [announcement](#) to learn more about this agreement.



Gas to flow from HyP SA later this year

Installation of Australia's largest electrolyser is now complete at the HyP SA site.

All equipment has now been delivered and installed, with commissioning now under way. Final construction works are due for completion shortly.

Once operational, the electrolyser at HyP SA will use renewable electricity to split water into hydrogen and oxygen. The renewable hydrogen will then be blended with natural gas at volumes of up to 5% for delivery to gas customers in the southern area of Mitchell Park.

The 5% renewable gas blend will be delivered through the existing gas network, helping to lower carbon emissions.

Did you know?

Just 1kg of hydrogen is enough for a hydrogen-fuelled car to travel up to 100km.



Industry recognition for HyP SA project

HyP SA has been recognised for its outstanding achievement in engineering, receiving an Australian Engineering Excellence Award.

The award acknowledges HyP SA's innovation and technical excellence and is reflective of the collaboration between project partners AGIG, engineering lead GPA Engineering, construction lead Valmec Limited, and the South Australian Government.

The awards are an initiative of Engineers Australia, the peak professional body for engineering in Australia.

Further to this award, Australian Gas Networks last week won Energy Networks Australia's 2020 Consumer Engagement Award.

AGN's 'Customers at the Centre of our Planning' project was recognised for meaningful and genuine engagement with customers to help make sure we deliver on our vision today and in the future.

'Partnering with Communities on the Future of Gas', relating to the Mitchell Park 5% renewable blended gas project, was also a finalist for the award.

HyP SA has also earned the 2020 APGA Annual Environment Award.

The Australian Pipelines and Gas Association's award recognises AGIG's work in enhancing the environmental performance of the pipeline industry and our personnel.



Are your gas appliances running efficiently?

A free Gas Appliance Efficiency Audit, valued at \$200, is still available to gas customers in the Mitchell Park blended gas project area.

The audit will check your gas appliances are running as efficiently as possible, which could help lower your bills.

It's quick, easy and simple to book your FREE audit, just do one of the following:

- Visit our [website](#)
- Send us an [email](#)
- Call 1300 001 001 and press option 4



Hydrogen endorsed by leading industry group

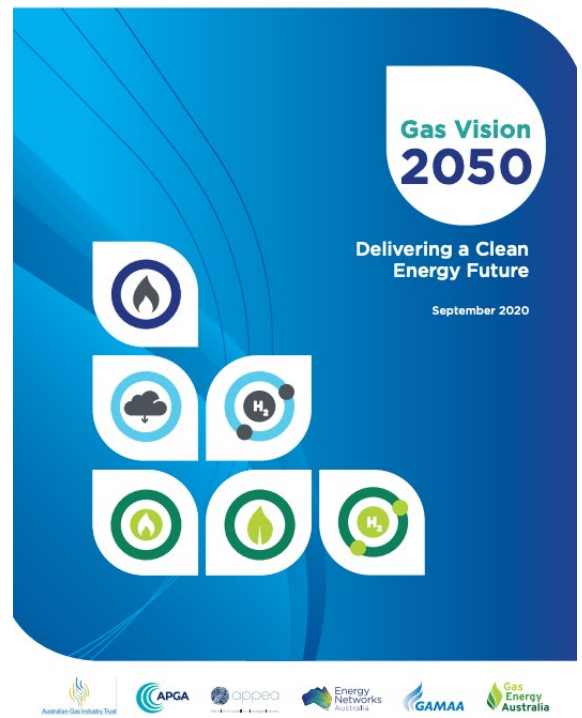
A partnership of energy industry associations says hydrogen is key to net-zero emissions.

Gas Vision 2050 – Delivering a Clean Energy Future has been updated after it was found that emissions targets could be reached with hydrogen at half the cost of electrification.

The report modelled three scenarios:

- green hydrogen (produced from renewable energy)
- blue hydrogen (from natural gas with carbon capture and storage)
- electrification (where all gas and gas networks are decommissioned)
- Launching the report, Tamatha Smith, Acting CEO of Energy Networks Australia, one of the industry associations in the partnership, said it demonstrated that a gas network with zero-emissions could be achieved without hefty power bill impacts.

Read the [media release](#) and the [report](#) in full.



Mitchell Park residents helping shape hydrogen future

Graphic of residents standing in front of a house
Mitchell Park residents helping shape hydrogen future

Residents in the HyP SA project area play an important part in developing the nation's lower carbon economy.

Last month, these residents were invited to share their insights on the project and their views about renewable energy to inform the wider renewable energy sector.

Through the Australian Hydrogen Centre, established by AGIG earlier this year, these invaluable insights will be used to guide future hydrogen-related projects around the country.

Thanks to all who completed this survey. We will be seeking feedback from the community again in 2021.

If you are interested in participating:

- Send us an [email](#)
- Call 1300 001 001 and press option 4

