



**Gas Appliance
Manufacturers
Association of
Australia**

**GAS
Connections**

Special GAMAA Future Fuels Technical meeting - a meeting you can't afford to miss!

When: Wednesday 30th October

Where: Ai Group Level 2. 441 St Kilda Melbourne

Time: 9.30 AM to 3:30 PM. (Lunch will be provided)

Members will have received a calendar invite for this special meeting from Ai Group. If you have not received an invite and would like to attend please contact

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SA plans complete hydrogen economy

GasToday 25 September 2019

The South Australian Government has released a hydrogen action plan outlining the goal for a 100 per cent renewable hydrogen economy.

According to the Hydrogen Action Plan – unveiled earlier this week – the expansive areas available for renewable energy generation projects within SA mean that there is no place better positioned in the world to produce, consume and export 100 per cent green hydrogen.

SA is currently Australia's leading mainland state for renewable energy with more than 50 per cent of its electricity needs already being sourced from its wind and solar resources. Once hydrogen is produced using renewable energy, it can be blended into gas networks, used in transport or reconverted back to grid electricity when needed, making it an affordable and reliable choice for SA consumers.

This energy market positions SA at the forefront of transitioning from fossil fuels to renewable energy, with the aspiration to be a net 100 per cent renewable energy producer in the 2030s.

In the report, Premier of SA Steven Marshall and Minister for Energy and Mining Dan van Holst Pellekaan said now is the right time to step up the development of a hydrogen economy, with the government committed to unlocking SA's renewable hydrogen potential.

Industry responds to ACT gas emission reduction plan

GasToday 20 September 2019

Industry experts say the recently issued ACT Climate Change Strategy may be taking a problematic approach to reducing gas emissions.

The recently issued ACT Climate Change Strategy sets out a long-term plan for how to achieve net zero emissions over the next 25 years, with the ACT Government aiming to reach this target by 2045.

Though a commendable goal, industry experts have highlighted flaws in the plan to eliminate gas entirely.

An analysis completed by Australian Gas Infrastructure Group in collaboration with Deloitte looked at two alternative pathways to decarbonise gas consumption: replacing all natural gas consumption with electricity generated from renewable sources compared to converting existing natural gas appliances and distribution networks to transport hydrogen.

Based on hourly energy consumption data for 2017 in Victoria, the results demonstrated that the hydrogen conversion pathway is 40 per cent less expensive than full electrification highlighting significant cost benefits of hydrogen gas.

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Commenting on the release of the strategy, Australian Pipeline and Gas Association CEO Steve Davies said the energy provided by natural gas today is much lower in emission intensity than that provided by electricity.

“Natural gas currently provides 943 PJ of end-use energy to the Australian economy, more than the 835 PJ provided by electricity – 1 PJ is equivalent to the electricity used by 43,500 households in a year.”

Mr Davies said the ACT is taking the “wrong approach” as it is counterintuitive to introduce measures that move people away from gas use entirely while significant work is currently being done on the introduction of zero-carbon emission cutting gas, such as hydrogen.

However, there is potential that these exciting developments will not be applicable to the ACT’s current and future gas users if its strategy is successful.

“Australia is at the forefront of developments in hydrogen technology, and these include the use of excess renewable energy to make hydrogen from water,” he said.

“Rather than removing affordable, low to zero-carbon energy options from future Territorians, the ACT Government should be actively supporting them.”

Ai Group Leading the Australian Performance Indices

Each month Ai Group releases real-time performance indices for the manufacturing, services and construction sectors. These national indices are constructed from survey data collected from businesses Australia-wide, on a representative sample basis.

View the September performance data [here](#)