

GAMAA 55th AGM

The 55th GAMAA AGM will be held on Tuesday 3 September 2019 at 1.15pm at Ai Group, L2, 441 St Kilda Road, Melbourne.

A light lunch will precede the AGM at 12.30pm.

Supporting AGM documents will be sent to members on or around 6 August.

UK's National Grid says net zero carbon "achievable" by 2050

Renew Economy

Great Britain could reach net zero carbon in its electricity grid by 2050, a new report has found, but only if "immediate action" was taken across all key energy technology and policy areas – including carbon capture – and "at a significantly greater scale than assumed."

....The major highlight from the report is National Grid's contention that "reaching net zero carbon emissions by 2050 is achievable," but will require "immediate action across all key technologies and policy areas."

To achieve net zero, British homes would need to use at least one-third less energy for heating by 2050 than today, while the electricity system would need to operate using only zero-carbon generation. Moreover, the power sector would actually need to deliver negative emissions, using technologies like biomass and carbon capture utilisation and storage (CCUS).

On top of all of that, National Grid states that the "gas system will need to be transformed to accommodate hydrogen" and "gas appliance standards must require boilers to be 'hydrogen-ready' in order to leverage replacement cycles." Read the full report [here](#)

Natural Gas / Hydrogen fuels demo proves popular

GAMAA is an active member of the Future Fuels CRC, an industry focussed RD&D partnership supporting Australia's transition to a low carbon energy future.

Members of the GAMAA executive are coordinating the 'Type A appliance testing' research programme of the Future Fuels CRC (FF-CRC) which is currently underway, where the behaviour of 17 Type A appliances, including cooktops, space heaters and water heaters will be tested on various mixtures of Natural Gas and Hydrogen. All appliances being tested have been donated 'in kind' by GAMAA members.

In one of the many interesting articles in the latest edition of the FFCRC News (May/June 2019) it is reported that more than a dozen FF-CRC participants participated in a 'live' demonstration of the appliance testing taking place at the Australian Gas Association (AGA) in June. Participants noted little or no visible difference in flame picture between 100% Natural Gas and a 90% Natural /10% Hydrogen blend in a popular Australian cooktop.

The testing is well underway, and the results will inform any future work that may be undertaken by the FF-CRC in this space. This research program will prove invaluable in demonstrating how the addition of hydrogen to consumer gas products will materialise as the gas sector undergoes its decarbonisation journey.

It was reported that the FF-CRC participants were 'thrilled' to participate in the event which was kindly hosted by AGA staff.

If you missed out on the FF-CRC newsletter and would like a copy please contact associations@aigroup.com.au



**Gas Appliance
Manufacturers
Association of
Australia**

**GAS
Connections**