

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

**SAVE THE DATE:**

**When:** Wednesday 30<sup>th</sup> October

**Where:** Ai Group Level 2. 441 St Kilda Melbourne

**Time:** 10:00 AM to 2:30 PM. (Lunch will be provided)

There has been an enormous upsurge in activities and commentary relating to future gaseous fuels over the past few years.

GAMAA is now part of a COAG Energy Council National Hydrogen Working Group that has been tasked to develop a strategy proposal by the end of 2019.

Currently there are twelve Hydrogen pilot plant projects underway around the country with a total investment exceeding \$1.5 Billion and this tally is expected to grow.

Around a year ago, the Future Fuels Co-operative Research Centre (Future Fuels CRC) was formed as an industry focused R&D partnership supporting Australia's transition to a low carbon energy future, with a total investment of \$70M over 7 years.

GAMAA is a key Future Fuels CRC partner and managing the research project to carry out laboratory testing of 17 Type A appliances certified for Natural Gas (N) on a mix of 90%N + 10% Hydrogen to check their compatibility. This project is well underway with all appliances kindly donated by GAMAA members.

A transition from Natural Gas to alternative fuel(s), such as Hydrogen, will be the biggest change to our industry since the transition from Towns Gas to Natural Gas took place back in the 1970's and presents challenges but also significant opportunities.

**Of great interest to gas appliance and component manufacturers and suppliers will be how such a transition will be managed and implemented as this will have direct impacts on our appliances and components.**

This topic was discussed at the last GAMAA Executive Council meeting held a few weeks ago and all Council members agreed it was timely to hold a special technical meeting to exchange views, consider more of the details and form considered 'GAMAA positions' regarding the key aspects which can then form a basis in our dealings with other industry associations, government departments, any members of Parliament and the Future Fuels CRC.

Discussion points will include:

1. Overview of the FF-CRC activities and outcomes thus far, with a focus on Type A appliances.
2. Technical, financial and economic aspects relating to any development and manufacture of Type A appliances for gases other than 100% Natural Gas, including mixtures of Natural Gas and other gases. What are the costs? Who pays?
3. The technical, financial and economic impact of various transition scenarios from Natural gas to alternative gases, such as Hydrogen, on appliance and component manufacturers and suppliers.
4. Suggestions for Future Fuels CRC projects of specific interest to appliance manufacturers, including joint R&D projects.

If you have any questions in the meantime please contact your Executive Council member dealing with this topic, Leon Bogers, via [leonb@rinnai.com.au](mailto:leonb@rinnai.com.au) or 0419 531 619.

Members will be sent a calendar invite for this special meeting from Ai Group.

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## **Australia hits record oil and gas production**

Gas Today 11 September 2019

Australia produced more oil and gas in 2018-19 than in any previous year, according to the latest EnergyQuest report.

Australian petroleum and gas production both rose 16 per cent from the previous year to achieve record numbers, with petroleum hitting 1,010 MMboe and gas reaching 5,082 PJ.

LNG production also rose 22 per cent to a record 75 million t, resulting in a 61 per cent rise in export revenue to \$50 billion.

EnergyQuest CEO Graeme Bethune said the numbers represented the end of the major investments that had been made in LNG a decade ago.

“Treasurer Josh Frydenberg is imploring the private sector to increase investment and oil and gas are good ways of doing that if only the companies are allowed to explore and develop,” he said.

Despite the big numbers, EnergyQuest reported east coast domestic gas production was at its lowest in 10 years, coupled with a fall in east coast domestic consumption, while Queensland exported gas to the southern states at a higher rate than in past years.

“The cheapest electricity and gas can be found in Western Australia and Queensland rather than the southern states,” said Mr Bethune.

“The latest exciting development is Strike Energy’s West Erregulla discovery in the onshore Perth Basin, within 300 km of Perth.

“Who knows how much gas might be found within 300 km of Sydney and Melbourne if only companies were able to explore? Otherwise manufacturing will move where the energy is cheaper.”

EnergyQuest’s report also said CSG production had increased 5 per cent in 2018-19 to a record 1,461 PJ, while production of crude oil, condensate and LPG was its highest since 2014-15.

## **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 August performance data [here](#)