GAMAA

Gas Appliance Manufacturers Association of Australia

GAS Connections

GAMAA CHRISTMAS LUNCH - REGISTRATIONS NOW CLOSED

Date: Friday 29 November 2019

Venue: Sandringham Yacht Club (SYC) - Jetty Road Sandringham

- 12noon to 4pm - Christmas Lunch - Olympic Room
- Registrations will close Friday 22 November at 12 noon.
- Free parking

Register through Eventbrite here** using the password **GAMAA2019

If you have any questions or have issues registering please contact jon.onley@aigroup.com.au

GAMAA Technical Committee Meeting – Limited seats available

Date: Friday 29 November 2019

This meeting will precede the Christmas lunch.

- 9.30am - 12 noon SYC Training Room
- An Agenda will be sent prior to the meeting to those who register

If you haven't received a calendar invite for this meeting and would like to attend please email Jon.onley@aigroup.com.au

Tasmanian Renewable Hydrogen Action Plan

ENA Media Release 20 November 2019

Energy Networks Australia has welcomed the release by the Tasmanian Government of the Tasmanian Renewable Hydrogen Action Plan.

Chief Executive Officer of Energy Networks Australia, Andrew Dillon, said hydrogen would play an important role in the sustainable energy future.

"Hydrogen can be produced from excess renewable power, providing clean energy that can be stored for when the sun doesn't shine and the wind isn't blowing," Mr Dillon said.

"As the energy sector continues to decarbonise and intermittent renewable generation increases, this storage capacity means hydrogen can play an important role in stabilising our energy system.

"Hydrogen technology is already being embraced around the world for domestic and commercial use in gas networks and to fuel passenger and freight trains."

Mr Dillon said trials of hydrogen production, hydrogen blending into existing networks or exports were underway in every Australian state, with Tasmania's strategy the latest addition.

"Energy networks are using renewable gases such as hydrogen made from solar and wind power to decarbonise our gas networks," Mr Dillon said.

A recent update to Gas Vision 2050, released by Energy Networks Australia and the Australian Pipelines and Gas Association, showed that more than $180 million of funding had been committed nationally for hydrogen infrastructure projects.

Energy Networks Australia has previously released research confirming that the injection of hydrogen into Australian gas distribution networks can be done under current gas legislation.

More next page

Tasmania unveils draft renewable hydrogen action plan

Molly Burgess, News Journalist - H2 View

Tasmania's natural advantages and existing renewable resources perfectly positions the Australian state to largely benefit from the emerging global hydrogen industry.

That's according to the draft *Tasmanian Renewable Hydrogen Action Plan* released today, which outlines Australia's vision to become a world leader in large-scale renewable hydrogen production by 2030.

The report highlights Tasmania's visions and goals, key advantages for hydrogen deployment, and hydrogen action plan, as well as identifying the benefits of a large-scale renewable hydrogen industry and the emerging hydrogen opportunity.

According to Guy Barnett, Minister for Energy, "With future wind farm and pumped-hydro developments alongside out Battery of the Nation and Marinus second interconnector projects, Tasmania is well placed to be a major producer of renewable hydrogen long-term."

"Reports show a 1,000 megawatt facility – equivalent to supplying around one million homes – could be feasible by 2030, creating an estimated 1,200 regional jobs, and supporting a further 2,000 megawatts of renewable energy investment in our state."

The production of renewable hydrogen in Tasmania has the potential to be up to 15% cheaper compared to production from the mainland power grid, and up to 30% cheaper to produce than from the dedicated off-grid renewable sources.

"With emerging industries in Japan, South Korea and China, Tasmania has received significant interest from a range of proponents seeking emissions-free hydrogen at competitive rates."

Alongside the *Tasmanian Renewable Hydrogen Action Plan,* released by the Tasmanian Government, Hydro Tasmania also released new analysis which highlights the states unique position to lead the nation in the production of green hydrogen from clean energy sources.

The Australian clean energy company looks at the states strong competitive advantages to meet domestic and global demand and become Australia's first green hydrogen production zone.

"Our analysis indicates that green hydrogen can be produced in Tasmania for approximately 10-15% less than other Australian power grids need to offset emissions and 20-30% less than from dedicated off-grid renewables, due to the high plant utilisation that can be supported by Tasmania's hydropower," said Steve Davy, Hydro Tasmania's CEO.

"As Australia's largest generator of clean renewable energy, Hydro Tasmania stands ready to support the development of a green hydrogen industry in the state."

Australia and Canada partner to accelerate hydrogen technologies

Molly Burgess, News Journalist - H2 View

The Commonwealth Scientific and Industrial Research Organisation (CSIRO) and the University of British Columbia (UBC) have announced a Memorandum of Understanding (MoU) aligned with the latest call to action from Mission Innovation.

Mission Innovation, a global initiative of 24 countries and the European Commission, is working to accelerate global clean energy innovation through research, development and demonstration, with the objective to make clean energy affordable.

Launched in May 2018, Mission Innovation's eighth Innovation Challenge aims to "accelerate the development of a global hydrogen market by identifying and overcoming key technology barriers to the production, distribution, storage, and use of hydrogen at gigawatt scale".

The new collaboration will enhance research and industry partnerships between Canada and Australia on clean energy, providing opportunities for economic growth.

The partners will share practices and develop joint clean energy research and demonstration projects, including hydrogen refuelling infrastructure. Read the full article here