



**Gas Appliance
Manufacturers
Association of
Australia**

Hydrogen Energy Supply Chain (HESC)

On July 19 at the Port of Hastings work commenced to build the Hydrogen Liquefaction and Loading Terminal for the Hydrogen Energy Supply Chain pilot project. This is a joint venture between Kawasaki Heavy Industries and Hydrogen Engineering Australia where hydrogen gas will be converted into liquified hydrogen for transportation to Japan.

The source of hydrogen will be sourced from brown coal in the Latrobe Valley at a pilot plant being built next to the AGL Loy Yang Complex, by using coal gasification which is core to current Integrated coal Gasifier Combined Cycle (IGCC) used for power generation in Japan, USA, Europe and China.

Work is expected to be completed in June 2020 with first exports to Japan in late 2020 or early 2021.

<https://hydrogenenergysupplychain.com/hesc-breaks-new-ground/>

ATCO Hydrogen Micro Grid

On July 18 at ATCO's Jandakot facility in Perth the Hydrogen Microgrid was officially launched. The facility will produce up to 300 kW of electrical power, which can either be used to store up to 400kWh of energy in batteries or be utilised to power an electrolyser for the production of hydrogen. The hydrogen can either be stored or injected into the micro grid for testing as a direct fuel or blended with natural gas for use with the Hybrid Modular Home.

<https://arena.gov.au/projects/atco-hydrogen-microgrid/>

Interim Emissions Reduction Targets for Victoria (2021 – 2030)

GAMAA has responded to the Victorian Government's draft report for Interim Emissions Reduction Targets which is seeking to set intermediate CO2 reduction targets as Victoria journey's to the 2050 target. The overarching comments were:

1. GAMAA is supportive of actions that Victoria is already taking for building owners and households to be less emissions intensive. These actions already recognize the part efficient gas appliances can play in this regard. These actions should continue to assist in meeting the State's emission reduction goals for now, particularly given the current uncertainties and opportunities regarding decarbonisation of the energy sector (electricity and gas) in general.
2. GAMAA does not support the combination of decarbonisation of the electricity sector and electrification (fuel switching) of the gas sector. Rather, the 'major opportunity' is the decarbonisation of the Energy sector (Electricity and Gas), rather than just the Electricity Sector alone, as this provides a far greater potential for decarbonisation at the fastest rate and lowest overall cost to the community, whilst maintaining the expected community levels of energy security, stability and reliability.
3. GAMAA does not support Victoria specific initiatives regarding the energy efficiency requirements of appliances, as this is already regulated nationally through E3/GEMS. These requirements are already under review as part of the national 'Trajectory for low energy buildings' program. Any Victoria specific initiatives in this regard will result in duplication, inefficiencies and unwarranted increases in the regulatory and cost burden of appliance manufacturers and suppliers.

**GAS
Connections**