GAMAA

Gas Appliance Manufacturers Association of Australia

GAS Connections

Standards Australia – Published Standards

Standards Australia has advised that the following Standards have been published.

AS/NZS 5263.1.3:2021 Gas appliances, Part 1.3: Gas space heating appliances
AS/NZS 5263.1.8:2021 Gas appliances, Part 1.8: Decorative effect gas appliances

Hydrogen proposed for 40,000 customers in Albury-Wodonga

Australian Gas Networks media release 4 February 2021

Australian Gas Infrastructure Group (AGIG) is proud to partner on two renewable hydrogen project bids to the Australian Renewable Energy Agency (ARENA), submitted last month.

In Victoria, Australian Gas Networks (AGN) – part of AGIG – is partnering with global low-carbon energy company ENGIE to develop a renewable hydrogen project that will supply carbon-free hydrogen at volumes of up to 10 per cent, to around 40,000 existing residential, commercial and industrial connections.

The 10MW Hydrogen Park Murray Valley (HyP Murray Valley) project will be co-located with the West Wodonga Wastewater Treatment Plant and supply renewable hydrogen blended with natural gas to customers on the existing Albury-Wodonga gas distribution network, with the facility also able to supply industry and transport markets.

The HyP Murray Valley bid has been submitted alongside the Clean Energy Innovation Park (CEIP) project proposal, a joint venture between AGIG and international integrated energy group ATCO.

The CEIP will be located alongside renewable electricity generation assets in Waradarge, Western Australia. It comprises a 10MW electrolyser and is capable of producing 4.0 tonnes of renewable hydrogen per day for use in gas networks, industry and transport.

These projects add to AGIG's current hydrogen developments in Hydrogen Park South Australia and Hydrogen Park Gladstone in Queensland and demonstrates AGIG's commitment to target 10 per cent renewable gas in networks by no later than 2030.

AGIG Chief Executive Officer, Ben Wilson said the Hydrogen Park Murray Valley project will put the whole of Albury-Wodonga on up to a 10 per cent renewable hydrogen blend in the existing natural gas distribution network, as well as providing other services including electricity grid support, oxygen sales and the potential to supply hydrogen to cars, buses and trucks.

"Hydrogen Park Murray Valley will be globally significant in terms of market outreach, to around 40,000 connections, and its co-location with a wastewater treatment facility. It will demonstrate sustainable outcomes across the water, gas and electricity sectors. It aims to deliver a highly replicable model enabling the decarbonisation of more than 5.2 million gas connections in Australia."

"The CEIP in Western Australia delivers highly efficient renewable hydrogen production at around 4,000 kg per day. ATCO and AGIG are already significant players in the Western Australia gas market, providing distribution and transmission services respectively, the CEIP joint venture brings together our strengths to establish a commercial hydrogen sector in the state." Mr Wilson said.

"Both of these projects are eight times larger than our existing Hydrogen Park South Australia, which is the biggest hydrogen project under commissioning in Australia and one of the largest in the world and demonstrates our commitment to play a leading role in Australia's renewable hydrogen journey."

Following Expressions of Interest in May 2020, seven projects, including Hydrogen Park Murray Valley and the CEIP were invited by ARENA to submit a full application as part of the $70 million Renewable Hydrogen Deployment Funding Round.