

Department of Environment, Land, Water, and Planning.  
8 Nicholson St  
Melbourne 3000

For the Attention of The Hon. Lilly D'Ambrosio,

We appreciate the opportunity to respond to this important consultation process regarding "Victoria's Gas Substitution Road Map"

As longstanding financial Members of the Energy Efficiency Council of Victoria (EEC), Hydroheat Supplies Pty Ltd wish to reiterate in this submission the key points we have made to the EEC as part of their own response.

In aligning with the papers key points, our position is as follows:

### **Pathway: Substituting Gas with Hydrogen**

This is a critical point. As Hydrogen Technology emerges and commercial viability increases, cutting off or limiting THE EXISTING gas pipe network also EXCLUDES the possibility of using this infrastructure as a Hydrogen delivery network into the future. Our Existing Baxi Gas boilers sold into the Australian marketplace today are 20% Hydrogen mix capable. Please note that our product technology now includes the world first, commercially available, 100% Hydrogen Residential Boilers. Please refer to these links.

<https://www.homebuilding.co.uk/news/hydrogen-heating>  
<https://youtu.be/-FW2eg7Tf7I>

The opportunity exists to align this emerging product technology with the Green Hydrogen potential in Victoria as outlined in this paper.

### **Pathway: Improving energy efficiency**

Hydroheat Supplies fully endorse a Gas appliance efficiency undertaking. Our position is maintaining Natural Gas, with improved efficiency, as an excellent Carbon abatement alternative to the existing Coal Fired Electricity production. Improving efficiency above 97% is also possible with ongoing development of Gas Appliances, particularly around controls and modulation.

## Pathway: Electrification

Our own commercial interests include a range of highly efficient, Air to Water Heat Pumps. Therefore, we endorse the process of Solar and renewable energy-based Electrification as a blended solution with viable and increasingly efficient Gas appliances.

We again thank the Department for the opportunity and firmly believe these above initiatives, coupled with other Energy production improvements such as Solar, Wind and Hydro, will ensure our Victorian and National 2050- Net Zero targets are met.

Yours Faithfully,



Shane Lewis B.Com.

Chief Commercial Officer

Hydroheat Supplies Pty Ltd