

Response to the Renewable Hydrogen Target for electricity generation in the South West Interconnected System Consultation (Station (Station Consultation (Station (Station Consultation (Station (Station (Station (Station (Station (Station (Sta

Australian Hydrogen Council
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Introduction

The Australian Hydrogen Council (AHC) is the peak body for the emerging dean hydrogen industry.

We recognise the role that Western Australia will have in helping the nation to achieve its ambitions to be a leader in the clean hydrogen economy and the extent to which this will drive Australia towards its net zero ambitions target. We welcome moves to establish a hydrogen industry in the state while the production and use of green hydrogen is largely pre-commercial and we appreciate the opportunity to engage on this matter.

In order to play a role in displacing fossil fuels for energy and carbon emitting feedstocks for manufacturing, the hydrogen industry will need policy support to achieve the scale needed to reach cost parity with incumbents. The proposed Renewable Hydrogen Target for electricity generation is an example of the type of policy which could provide the initial support required to establish the industry and allow it ultimately reach a self-sustaining scale.

We broadly agree with the objectives outlined in the consultation paper; however, we foresee some design elements of the proposed scheme which could be altered in order to better meet the objectives in a way which could ultimately be delivered at a lower cost.

Challenges relating to electricity grid reliability and stability will increase as Australia transitions towards a decarbonised electricity supply. Hydrogen is certainly likely to play a role in addressing these challenges; however, AHC considers