

## Pre-Certification of green hydrogen by the Smart Energy Council commences

**Frontier Energy Limited (ASX: FHE; OTCQB: FRHYF) (Frontier or the Company)** is pleased to announce Hydrogen Australia, a division of the Smart Energy Council, has commenced pre-certification of the Company's Bristol Springs Renewable Energy Project (the "Project").

Pre-certification by Hydrogen Australia gives assurance to all stakeholders, including partners, shareholders, financiers and prospective offtakers, that the production process at the facility can deliver zero carbon hydrogen, also referred to as green hydrogen. The pre-certification process is anticipated to be completed by 2Q2023.

### HIGHLIGHTS

- **Hydrogen Australia, a division of the Smart Energy Council, has commenced pre-certification process assessing the Project's capacity to produce Zero Carbon Renewable Hydrogen**
- **The verification will provide an assessment of any and all direct and indirect greenhouse gas emissions associated with the production and storage of the renewable hydrogen at the facility**
  - *The audit excludes the emissions related to the construction material of the facility*
- **The Smart Energy Council is the peak independent industry body in Australia regarding zero emissions energy from sun, wind, ocean and waste**
  - *Hydrogen Australia is a division of the Smart Energy Council and is the only industry body in Australia focused on 100% renewable hydrogen and its products, derivatives and associated technologies*
- **The Government of Western Australia is a founding partner in the Zero Carbon Certification Scheme**
- **Gaining pre-certification is an important element in a number of criteria prior to a final investment decision, including project financing**

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**Managing Director, Sam Lee Mohan commented:** "Frontier Energy prides itself on being a first mover and the Zero Carbon pre-certification assessment will be a critical piece of the puzzle in moving this project forward. To have this certification in place from a world leader in Zero Carbon certification, the Smart Energy Council, will give our partners, shareholders and prospective green hydrogen customers confidence that our project will be 100% clean and made from 100% renewable energy."

**John Grimes, CEO of the Smart Energy Council, commented:** "It is absolutely crucial that hydrogen projects are certified to prevent greenwashing. By awarding certification to projects that do the right thing, we can build a credible new industry based on transparency and set Australia up as a renewable hydrogen superpower."

## **Pre-Certification for the Zero Carbon Certification Scheme commences by Clean Energy Council**

Hydrogen Australia, a division of the Smart Energy Council, has commenced a process, through an independent auditor, to examine the Company's Bristol Springs Renewable Energy Project, to provide a pre-certification assessment regarding the Project's ability to produce Zero Carbon Renewable Hydrogen.

This pre-certification will give an assurance to the Company and its customers that the Project can produce a specified volume of renewable hydrogen provided it is built and operated according to specifications. The pre-certification will be managed by Hydrogen Australia.

The pre-certification audit will provide an assessment of any and all, direct and indirect, greenhouse gas emissions associated with the production and storage of the renewable hydrogen at the facility, excluding the emissions related to the construction material of the facility.

This will include an assessment and confirmation that 100% renewable electricity, is being used to make the renewable hydrogen at the facility. This assessment will correspond to the requirements for renewable energy under the Renewable Energy Target, as legislated by the Australian Federal Government.

### **Overview of the Zero Carbon Certification Scheme**

In December 2020, the Smart Energy Council launched its Zero Carbon Certification Scheme. It is an industry-led, 'Guarantee of Origin' style scheme, which promotes the uptake and distribution of renewable hydrogen products and their derivatives in Australia and overseas.

The scheme, which will be delivered through the Smart Energy Council's Hydrogen Australia division, will assess the embedded carbon in participating hydrogen, ammonia and metals produced within Australia.

This industry-led initiative will be cognisant of the Australian Government's work in this area as part of the National Hydrogen Strategy and will complement international certification processes. The initiative's aim is to accelerate the development and deployment of renewable hydrogen, green ammonia and green metals in Australia and around the world.

**Smart Energy Council**

The Smart Energy Council is a peak national body for the smart energy industries.

<https://smartenergy.org.au/>

Founded in 1954, today the Smart Energy Council is a not-for-profit public company limited by guarantee. The Smart Energy Council has around 1,000 members nationwide, including solar and storage manufacturers, distributors, retailers and installers, renewable energy project developers and investors, academics, analysts and consultants.

**Authorised for release by Frontier Energy's Board of Directors.**

To learn more about the Company, please visit [www.frontierhe.com](http://www.frontierhe.com), or contact:

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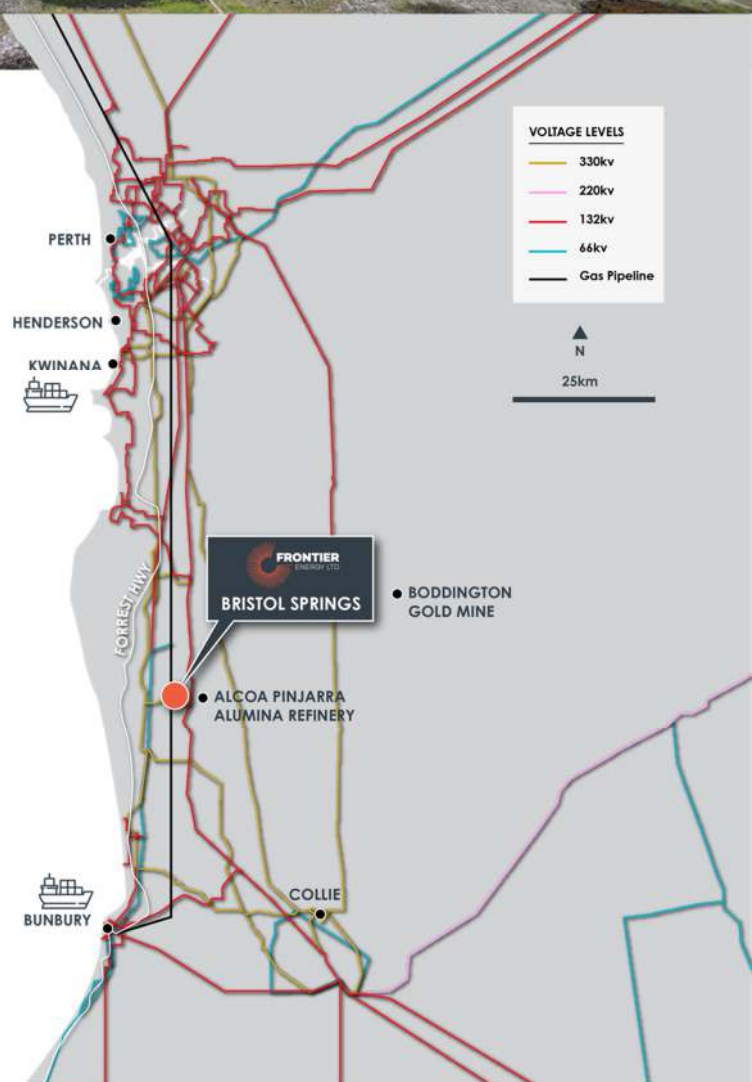
## About Frontier Energy

**Frontier Energy Ltd (ASX: FHE; OTCQB: FRHYF)** is developing the Bristol Springs Green Hydrogen Project (the Project) located 120km from Perth in Western Australia.

The Company recently completed a Pre-Feasibility Study<sup>1</sup> that outlined the Project's potential to be both an earlier mover and one of the lowest cost green hydrogen assets in Australia.

The Project benefits from its unique location surrounded by major infrastructure. This reduces operating and capital costs compared to more remote hydrogen projects, whilst also being surrounded by likely early adopters into the hydrogen industry in the transition from fossil fuels.

<sup>1</sup>ASX Announcement 4<sup>th</sup> August 2022



### Directors and Management

**Mr Sam Lee Mohan**  
Managing Director

**Mr Grant Davey**  
Executive Chairman

**Mr Chris Bath**  
Executive Director

**Ms Dixie Marshall**  
Non-Executive Director

**Ms Amanda Reid**  
Non-Executive Director

### Registered Office

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For a comprehensive view of information that has been lodged on the ASX online lodgement system and the Company website, please visit [asx.com.au](http://asx.com.au) and [frontierhe.com](http://frontierhe.com), respectively.