

## Major milestone as Smart Energy Council provides Pre-Certification for the Zero Carbon Certification Scheme

Frontier Energy Limited (ASX: FHE; OTCQB: FRHYF) (Frontier or the Company) is pleased to announce the Smart Energy Council has completed pre-certification for the Zero Carbon Certification Scheme at the Company's Bristol Springs Renewable Energy Project (the "Project").

This is a major milestone as it gives assurance to all stakeholders, including shareholders, financiers and offtakers, that the production process will deliver zero carbon hydrogen, or green hydrogen.

### HIGHLIGHTS

- **The Bristol Springs Project is one of three hydrogen projects in Australia to achieve this pre-certification**
- **The pre-certification process was based on a review of all the assumptions in the Company's recently released Definitive Feasibility Study<sup>1</sup>, and confirms the Project will produce zero carbon renewable hydrogen**
- **Gaining pre-certification is an essential element in the development of the Project, as it is a crucial consideration for offtakers as well as project financing**
- **The pre-certification aligns to the Federal Government announcement of \$38.2 million commitment to implement the Guarantee of Origin (GO) Certificate scheme "to track and verify emissions associated with hydrogen and other low emissions products"**
- **Pre-certification for the Zero Carbon Certification Scheme provides an assessment of all direct and indirect greenhouse gas emissions associated with the production and storage of renewable hydrogen**
  - *Pre-certification excludes the emissions related to the construction material of the facility*
- **The Smart Energy Council is the peak independent industry body in Australia advocating for Australia's renewable energy industry.**
  - *Zero Carbon Hydrogen Australia is a division of the Smart Energy Council and is the only industry body in Australia focused solely on renewable hydrogen and its products, derivatives and associated technologies.*
  - *Zero Carbon Hydrogen Australia advocates for zero-carbon hydrogen projects and products, including green ammonia and green steel and provides industry leadership by being a respected and trusted voice for the zero-carbon hydrogen industry domestically and internationally.*

**Managing Director, Sam Lee Mohan commented:** "Frontier Energy is an advanced first mover in the Australian hydrogen industry and receiving zero carbon pre-certification is important for off takers as well as construction financing for the project. Having independent pre-certification of the origin and source of green hydrogen gives our stakeholders and shareholders confidence that the hydrogen produced at the Project is confirmed as 100% clean and made from 100% renewable energy."

<sup>1</sup> DFS – ASX Announcement – 20 March 2023

**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.”

**Joanna Kay, General Manager of Zero Carbon Hydrogen Australia, commented:** “The certification of Frontier Energy Bristol Spring project is a tremendous milestone. This is an industry driven certification scheme that gives confidence to all stakeholders, including shareholders, financiers and offtakers alike that Frontier Energy will produce renewable hydrogen at the Bristol Springs Project. Leadership from industry to secure early certification ensures that we are driving and building a strong renewable hydrogen economy here in Australia. The Zero Carbon Certification Scheme is demonstrating global leadership and ensuring the quality production of renewable hydrogen. Congratulations Frontier Energy.”

## **Bristol Springs Renewable Energy Project achieves Pre-Certification for the Zero Carbon Certification Scheme**

Point Advisory, an ERM Group company, was engaged by the Smart Energy Council on behalf of Frontier, to undertake a limited assurance validation engagement of the Project (“Validation”).

Frontier Energy released the results of the Preliminary Feasibility Study (PFS) for the Project on 4 August 2022 and subsequently released the results of the Definitive Feasibility Study (DFS) on 20 March 2023. These two studies formed the basis of the information assessed by Point Advisory as part of its Validation.

The Validation tested whether any of the assumptions forming the basis of the PFS (as further refined by the DFS) were unreasonable. After completing its review, Point Advisory’s limited assurance conclusion was that nothing had come to its attention to indicate those assumptions were unreasonable.

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

This includes an assessment and confirmation that 100% renewable electricity is being used by the Project to make renewable hydrogen. This assessment corresponds to the requirements for renewable energy under the Renewable Energy Target, as legislated by the Federal Government.

### **Overview of the Zero Carbon Certification Scheme (the “Scheme”)**

The Scheme was launched in December 2020 by Zero Carbon Hydrogen Australia, a division of the Smart Energy Council. It is an industry-led ‘Guarantee of Origin’ style scheme, which

will help accelerate the development and deployment of renewable hydrogen and its by-products including green ammonia and green metals in Australia and around the world. The Western Australian Government is a founding partner of the Scheme which now has 15 Founding Partners and international advisors.

The Scheme certifies all renewable hydrogen, green ammonia or green metal has been made from renewable energy sources and provides an embedded carbon rating. A critical tool, as we move to decarbonise Australia's hydrogen industry.

### **Smart Energy Council**

More information on the Smart Energy Council can be found at <https://smartenergy.org.au/>.

Media enquiries can be forward to:

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### **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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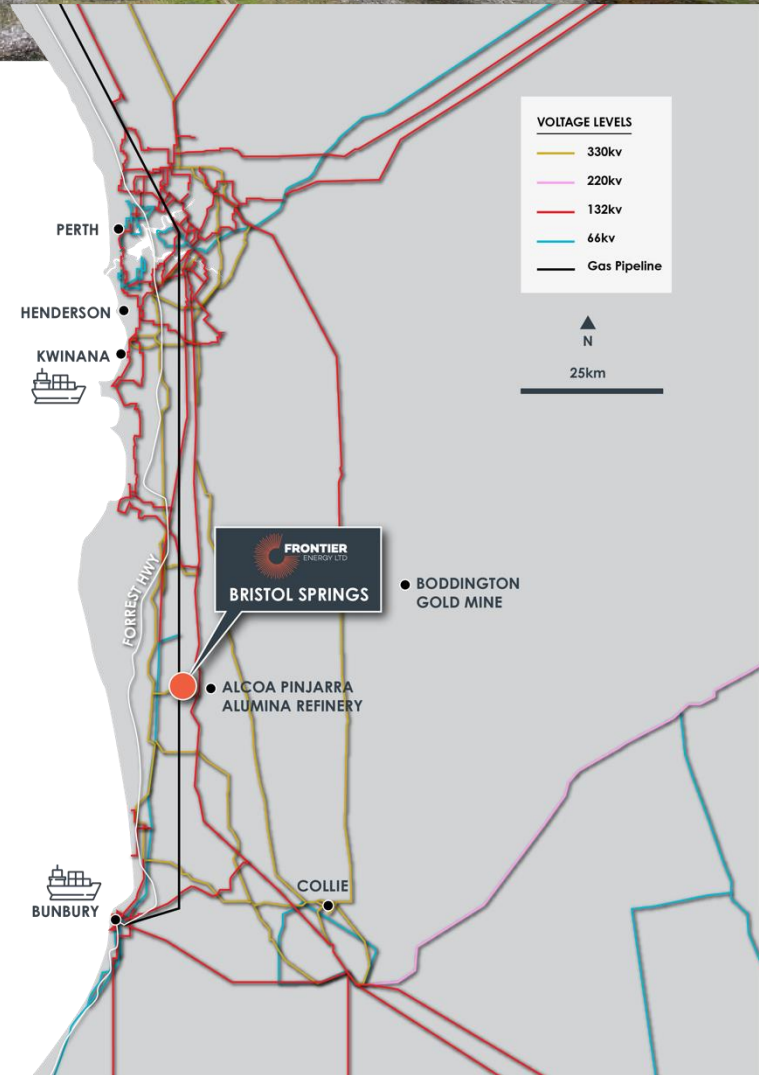
## About Frontier Energy

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 Definitive 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 20<sup>th</sup> March 2023



### 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.