

## **Boundary Power backed to create renewable hydrogen Stand-Alone Power System solution**

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- Boundary Power has been awarded funding in the Renewable Hydrogen Commercialisation Pathways Fund, offered by the Victorian Government under the Renewable Hydrogen Industry Development Plan
- Boundary Power's award-winning Solar Qube stand-alone power system (SAPS) to be transformed into a Renewable Hydrogen solution

Boundary Power, a joint venture between Western Australian utility, Horizon Power, and Australian owned and operated engineering industry leader, Ampcontrol, has been successful in their application to the Victorian Government for funding under the Renewable Hydrogen Commercialisation Pathways Fund.

The Renewable Hydrogen Stand-alone Power System Demonstration Project will deliver a demonstration SAPS plant that will convert solar power into hydrogen and use that hydrogen to generate electricity during power outages or in remote areas that are not served by the grid. This will be a first-of-a-kind plant in Australia.

Boundary Power Director, Rod Henderson said this was an exciting outcome for Boundary Power, in a time when Hydrogen is showing such promise.

“Adapting our award-winning Solar Qube SAPS that is a one of its kind thanks to its ability to be deployed in under 90 minutes, by adding the technology for creating Renewable Hydrogen, will take this existing product to a new level,”

“To be able to support our remote communities, those with power loss, and our community of emergency services in significant and challenging situations with advancing technology is incredibly important,” Henderson said.

The project will be delivered by Boundary Power in alignment with CapTech, a subsidiary company of Boundary Power's parent company Ampcontrol. CapTech's extensive power quality solutions experience and knowledge will further enhance the strength of the project.

“It is encouraging and exciting to see the acceleration of hydrogen power solutions and the support for innovation in renewable energy across the country”. Henderson continued.

The Renewable Hydrogen Commercialisation Pathways Fund has been established to support six projects that will see Victoria produce and use renewable hydrogen in real-world applications.

Minister for Energy, Environment and Climate Change Lily D'Ambrosio commented that “Victoria's support for renewable hydrogen sector will create new jobs while we drive down emissions across our economy by funding the infrastructure and innovation required to accelerate this change.”

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### **About Boundary Power**

Boundary Power is a joint venture between the WA Government's regional power utility, Horizon Power, and Australian owned and operated engineering industry leader, Ampcontrol Limited, and specialises in utility-grade stand-alone power systems (SAPS).

The joint venture brings together the organisations' accumulated and substantial SAPS expertise. From design, manufacturing and deployment, through to ongoing monitoring and maintenance, Boundary Power has a proven track record in the end-to-end deployment of utility-grade SAPS throughout Australia.

Incorporating solar panels, batteries, inverters and a back-up diesel generator, Boundary Power has proven SAPS to be a viable alternative to traditional poles and wires infrastructure. This is particularly evident for remote and isolated customers where Boundary Power's SAPS are delivering safer, higher quality and more reliable power.

As part of the WA Government's Renew the Regions plan, Boundary Power is currently manufacturing and deploying up to 50 customised SAPS units across regional and remote WA. When complete, this will deliver measurable long term environmental benefits to the State, including an approximate reduction of 128,950kg CO<sub>2</sub> emissions per annum compared to a traditional network solution.

Boundary Power exemplifies the economic and social benefits which are achievable through government and industry working together and is helping to build a world-class SAPS industry based out of WA.

For further information visit: [www.boundarypower.com.au](http://www.boundarypower.com.au)