

Media Release

The Hon Lily D'Ambrosio MP
Minister for Climate Action
Minister for Energy and Resources
Minister for the State Electricity Commission



Monday, 6 May 2024

ENERGY INNOVATION, DESIGNED AND MADE IN VICTORIA

The Allan Labor Government is supporting a new mobile power generator, combining solar and renewable hydrogen to provide reliable zero-emissions, off-grid energy as an alternative to mobile diesel generators.

Minister for Energy and Resources Lily D'Ambrosio today launched the H2PowerBox – a renewably powered, innovative trailer-mounted power system equipped with technology to provide disaster relief and support remote communities independently of traditional water sources.

The project was developed by the Clayton Hydrogen Technology Cluster (Clayton H2) which received \$100,000 in Labor Government funding towards a network of hydrogen clusters across Victoria.

The H2PowerBox features ultra-efficient solar panels, a high-performance electrolyser – which separates hydrogen from water – and a fuel cell which allows it to provide power to remote communities.

Clayton H2 joined forces with GreenRen Power and Deloitte Emissions Solutions to deliver the project, providing 24/7 power supply without the drawbacks of diesel, including emissions, cost volatility, supply issues and high maintenance.

Decon Corporation will manufacture the H2PowerBox's trailer and complete parts of its assembly at its Melbourne facility.

Decon Corporation received \$96,830 through the Government's New Energy Jobs Fund last year to develop an alternating current version of its Smart Power Cell, which integrates solar, wind, battery and a diesel charger into a compact system that minimises the use of diesel or other fuel sources as it provides valuable resilience support.

This Smart Power Cell system provides an environmentally friendly solution that can be deployed rapidly to a large cross section of the community, building on the direct current version's success in telecommunications.

The \$20 million New Energy Jobs Fund supports Victorian projects that create long-term sustainable jobs, increase the uptake of renewable energy generation, reduce emissions and drive innovation in new energy technologies - all of which expand and extend renewable energy developments, creating long-term market confidence.

Quote attributable to Minister for Energy and Resources Lily D'Ambrosio

"This a standout example of innovative Victorian design that is being supported by our leadership in the development and manufacturing of cutting-edge technologies in the renewable energy transition."

Quote attributable to Member for South-Eastern Metropolitan Region Lee Tarlamis

"We are proud to have supported this exciting new Victorian energy innovation, which, which can strengthen regional energy resilience while slashing emissions."