ASX RELEASE | CLEARVUE TECHNOLOGIES LIMITED | (ASX:CPV | OTCQX:CVUEF)

CPV Vision Glass Breakthrough: 66% More Output 50% Less Cost

ClearVue's next generation Solar Vision Glass prototypes demonstrate over 66% increase in energy generation in early testing by the Solar Energy Research Institute of Singapore (SERIS), while significantly reducing production costs and complexity.

As governments and industries worldwide race to decarbonise, ClearVue's innovation positions the Company at the forefront of the global energy transition, providing a solution that aligns with green building standards.

HIGHLIGHTS:

- **Next-Generation Breakthrough:** ClearVue's Gen3 Solar Vision Glass has now been successfully prototyped, trial manufactured and independently validated. This achievement marks a historic inflection point and positioned ClearVue as a disruptive force in solar-integrated building materials.
- **Significant Power Gain:** Newly designed and engineered ClearVue Solar Vision Glass now delivers over 66% more energy output per square metre than ClearVue's previous generation.
- **Lower Cost, Faster Scale:** Processing time cut by more than half, driving a material reduction in production costs and enabling rapid scalability.
- **Sustainability Edge:** Reduction in product manufacturing components leads to major reductions in silicon waste, aluminium and embedded carbon.
- **ClearVue is Ready to Quote Gen3:** ClearVue Gen3 Solar Vision Glass is available in single, double and triple glazing which can be quoted for upcoming projects now.
- **Streamlined Construction:** ClearVue Solar Vision Glass can be seamlessly integrated with LandVac Vacuum Glass with industry-standard façade aesthetics. All ClearVue products can be deployed in standard framing systems. ClearVue products can meet typhoon ratings.
- **Integration with ClearVue Solar Façade:** ClearVue Gen3 Solar Vision Glass will further increase the generation and reduce the payback period of the ClearVue façade system from 4.6 years to 4.1 years before subsidies, and from 2.6 years to 2.1 years when the HK Government Feed-in Tariff (FiT) is applied.[1]

04 September 2025 – Perth, Australia – ClearVue Technologies Limited (ASX:CPV) (ClearVue or the Company) ClearVue Technologies Limited ("ClearVue" or "the Company") is pleased to announce the successful prototyping and independent validation of its Gen3 Solar Vision Glass, marking a transformational leap in both performance and manufacturability.

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Independent testing conducted by SERIS, a research institute at the National University of Singapore (NUS), confirmed ClearVue's Gen3 design delivers over 66% more energy output, generating over 50 Watts per square metre.

Beyond performance, ClearVue Gen3 Solar Vision Glass delivers substantial gains in production efficiency and cost reduction. Processing time for a double-glazed unit has been cut by more than half (from ~5 minutes to ~2 minutes), enabling scalable manufacturing at materially lower cost. At the same time, streamlined engineering can reduce required components from 17 to just 7—minimising silicon waste due to more efficient cell cutting, removing the use of aluminium and several other raw materials used in the previous generation Solar Vision Glass, significantly lowering embedded carbon.

The new technology, engineering and manufacturing delivers flexibility for global markets. ClearVue Gen3 Solar Vision Glass can be supplied as single, double or triple glazing, or integrated with LandVac Vacuum Glass. It can be manufactured in a wide range of size and glass thicknesses while offering reflective and spectrally selective coating options to meet the thermal performance and aesthetic standards required by modern architectural and façade design.

Managing Director and Chief Executive Officer, Mr. Douglas (Doug) Hunt, commented:

"We are excited about the breakthroughs achieved by our ClearVue Gen3 Solar Vision Glass and the results of the SERIS testing demonstrating significant performance improvements. Over the past 12 months, the ClearVue team has been relentlessly focused on reengineering our Solar Vision Glass. We advanced product performance, streamlined componentry, enhanced solar technologies, and improved customisability and manufacturability. The dedication and expertise of our operations, engineering, and R&D leaders have delivered significant innovations in our building façade solutions.

"Independent validation from SERIS confirms that ClearVue Gen3 Solar Vision Glass offers higher energy generation. Trial manufacturing has proven faster and lower-cost production due to streamlined engineering. These advancements will help our customers offset more of their building operational energy use while further shortening payback periods.

"We anticipate full certification testing to take around six months, commencing in Q4 2025. However, as the core technologies were already certified in the previous generation of ClearVue Solar Vision Glass, and with typical project lead times of four to six months, we expect Gen3 will be incorporated into commercial proposals immediately. These noteworthy advancements position ClearVue with many distinct competitive advantages and materially accelerates our path to large-scale commercialisation.

"ClearVue continues to deliver innovative, high-performance solar glass solutions for both commercial and residential applications. The full line of integrated solar façade solutions seamlessly integrates clean energy

generation with world-class architectural design. We continue our mission to remove the barriers to deployment and enhance the value proposition for our products."

Authorised by the Board of ClearVue Technologies Limited.

ABOUT CLEARVUE TECHNOLOGIES LIMITED

ClearVue Technologies Limited (ASX: CPV; OTCX: CVUEF) is an Australian technology company that integrates solar technology into building façade and rooftop surfaces to provide renewable energy generation and offset the operational carbon footprint of buildings. The Company's advanced, patented glass technology preserves glass transparency maintaining building aesthetics while generating energy.

ClearVue has extended solar energy-generation to vision glass, cladding, spandrel, balustrade, and skylight solutions. These solutions can offset operational energy requirements significantly contributing to the net zero building.

ClearVue's integrated solar façade is revolutionizing the way buildings are designed, constructed, and renovated. Experience how building façades will become a major contributing factor to reducing operational carbon by visiting ClearVue at www.clearvuepv.com. Follow ClearVue on: **Facebook** | **Instagram** | **LinkedIn** | **YouTube**.

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FORWARD LOOKING STATEMENTS

Statements contained in this release, particularly those regarding possible or assumed future performance, revenue, costs, dividends, production levels or rates, prices, or potential growth of ClearVue Technologies Limited, are, or may be, forward looking statements. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. Actual results and developments may differ materially from those expressed or implied by these forward-looking statements depending on a variety of factors.

[1]Based on Hong Kong Electrical and Mechanical Services Department (EMSD) trial installation results. The payback period was calculated using the standard electricity rate of $HK1.20 used in the EMSD report instead of the Hong Kong solar FiT rate of $HK2.50 for arrays of the size represented by the 6-storey architype. When using the $HK2.50 electricity rate for the BIPV generation modelled in the report, the payback of using BIPV is 2.6 years.