

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

ClearVue demonstrates mass-scale manufacturing on industry standard production line

HIGHLIGHTS

- **Second Generation ClearVue IGUs produced on a mass-scale production run in an industry standard IGU production line.**
- **Confirms scalability of second generation ClearVue PV IGU solution for manufacturing with glazing manufacturers globally without the need for production line changes.**
- **Provides proof of easy integration to standard production facilities for new and existing license partners.**

4 September 2023: Smart building materials company ClearVue Technologies Limited (ASX:CPV OTC:CVUEF) (“ClearVue” or the “Company”) has demonstrated its Second Generation integrated glazing unit (IGU) design can be produced at mass-scale on an unmodified industry-standard production line.

ClearVue’s licensed OEM manufacturer in China conducted a commercial production run on a standard manufacturing line with continuous production of 80 IGUs. The addition of ClearVue’s components to produce a fully assembled and sealed IGU added only five minutes to the production cycle time.

The successful production run provides confirmation of easy integration to standard mass production facilities of ClearVue’s Second Generation IGU, first announced to the ASX on 18 May 2023, when the company also announced the release of its new Façade Solutions. The products were initially tested at a smaller factory in Singapore and shown to significantly reduce fabrication and assembly time by over 90% providing cost savings and increasing production output capability.

ClearVue is in discussions with several manufacturing licensee partners across multiple territories. This commercial scale production run will assist with negotiations and demonstrate how new licensees will engage with ClearVue to manufacture ClearVuePV IGU products at scale.

ClearVue Chief Executive Officer, Martin Deil said:

“This is a very important production milestone for our industry-leading Second Generation IGUs and Façade Solutions which integrate solar technology into construction glass and building façades to provide renewable energy.”

“Our ability to mass produce the Second Generation ClearVue IGUs confirms the commercial viability of our product for both large commercial and small-scale bespoke products. We now have proven ability to scale our innovative smart building solutions.

“Our Building-Integrated Photovoltaics (BIPVs) can be produced on mass production lines without the need for glass manufacturers to make changes to their standardised lines – providing them with reduced capital costs, and less downtime between different product runs. By reducing fabrication and assembly times, we lower their costs and increase their production outputs and manufacturing plant capability, leading to lower cost products for end-customers.

“While governments and regulators are mandating new building standards and carbon reduction initiatives and businesses are looking for solutions to meet net-zero carbon-related requirements, the sector still needs to be able to manufacture products in a cost-effective way that fits into current production facility manufacturing capabilities and schedules.

“We are currently in discussions with multiple manufacturing license partners around the world. We are confident this demonstration provides certainty to potential licensee partners as well as our existing partners like AIT Group in the US.”



ClearVuePV vision glass IGU being manufactured on a standard IGU production line.

Authorised by the Board of ClearVue Technologies Limited.

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ABOUT CLEARVUE TECHNOLOGIES LIMITED

ClearVue Technologies Limited (ASX: CPV) is an Australian technology company that operates in the Building Integrated Photovoltaic (BPIV) sector which involves the integration of solar technology into building surfaces, specifically glass and building façades, to provide renewable energy. ClearVue has developed advanced glass technology that aims to preserve glass transparency to maintain building aesthetics whilst generating electricity.

ClearVue's electricity generating glazing technology is strategically positioned to complement and make more compelling, the increased use of energy-efficient windows now being regulated in response to global climate change and energy efficiency goals.

Solar PV cells are incorporated around the edges of an Insulated Glass Unit (IGU) used in windows and the lamination interlayer between the glass in the IGU incorporates ClearVue's patented proprietary nano and micro particles, as well as its spectrally selective coating on the rear external surface of the IGU.

ClearVue's window technology has application for use in the building and construction and agricultural industries (amongst others).

ClearVue has worked closely with leading experts from the Electron Science Research Institute, Edith Cowan University in Perth, Western Australia to develop the technology.

To learn more please visit: www.clearvuepv.com

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.