

ClearVue^{PV} Overview



Solar Façade Solutions

For a Sustainable Building Envelope



SOLAR SPANDREL

SOLAR CLADDING

SOLAR VISION GLASS

SOLAR SKYLIGHT

SOLAR VISION GLASS

SOLAR RAILING

SOLAR CLADDING

About ClearVue

At ClearVue Technologies Limited (ClearVue), we generate energy across the building facade, and most notably, from clear Insulated Glass Units (IGUs).

ClearVue is a technology company at the forefront of advanced glazing technologies. These technologies allow an IGU window to generate electricity while maintaining the window's transparency and the integrity of the building's aesthetics.

Incorporating complementary Building Integrated Photovoltaic (BIPV) technologies, ClearVue offers a building envelope solution that has the potential to generate and save sufficient energy to achieve sustainability objectives with near net zero performance. This presents a paradigm shift in the sustainability and carbon footprint of the global built environment.

With ClearVue, a path toward net zero is within reach.

Why ClearVue

The built environment must be included in any meaningful solution to meet global net zero emission aspirations. Representing some 40% of annual global CO₂ emissions, the built environment requires innovative solutions where energy can be generated to lessen the need to draw power from carbon producing energy sources.

ClearVue is building a bridge between the construction and renewable energy industries with aesthetically pleasing solutions that support structural integrity and safety, environmental responsibility, and strong commercial payback.



ClearVue^{PV} Façade

ClearVue's Solar Façade maximizes on-site energy generation. Our solar products include a full line of Building Integrated Photovoltaics (BIPVs) that complement and enhance a broad range of architectural styles.

ClearVue^{PV} Cladding

ClearVue offers a broad range of PV Cladding colors and patterns. Our silicon-based cladding has the ability to generate significant power while offering a broad range of visual textures and colors to achieve architectural intent.

ClearVue^{PV} Vision Glass

Transparent glass building surfaces become energy generating with our patented ClearVue Vision Glass. It has significant advantages. It provides transparency and delivers both energy generation and excellent thermal performance which provides an improved Solar Heat Gain Coefficient (SHGC) when deployed across a building façade. Our Solar Vision Glass can be customized to work in most glass configurations providing flexibility for building integration.

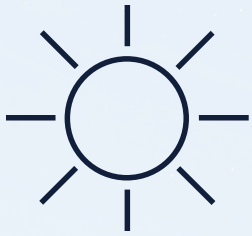
ClearVue^{PV} Spandrel

ClearVue^{PV} spandrel solutions deliver excellent reliability, efficiency, and performance for building sustainability.

ClearVue^{PV} Skylight & Balustrade

Our class-leading silicon balustrade, and skylight glass can be delivered in single laminated or Insulating Glass Units (IGUs).

Solar Façade Benefits



Provides significant energy generation through the integration of solar solutions across building surfaces.



Typically, ClearVue solutions can deliver 50% or more of the power requirements for buildings.



Compatible with industry standard curtain wall/framing systems and uses advanced sealing system to prevent water infiltration.



A path to sustainable buildings and often qualifies for tax credit and incentive programs.



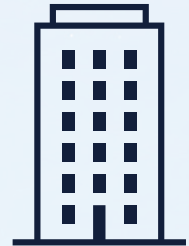
Supports corporate sustainability programs and ESG goals and assists in keeping pace with regulatory changes.



Operational payback through renewable energy generation that provides substantial carbon footprint offset.



Decreased building operational costs with improved thermal performance.



Increased yield rate of return and leads to higher resale values on real estate assets.

ClearVue provides a practical solution to meet environmental building policy requirements.



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