

Innovative Glass Gets Golden Opportunity to Supply SPD-SmartGlass to Fort Knox

Henry House Receives Electronic, Energy-Efficient Windows for High Tech Makeover

Plainview, NY – February 4, 2011 - Innovative Glass Corporation announced today that they have provided SPD-SmartGlass™ windows for the government-owned *Henry House* located within Fort Knox in Kentucky. The 1934-built *Henry House* is a historic home that is now used as VIP Guest Quarters / “Bed & Breakfast” for dignitaries when visiting the area.

The completed installation is part of a “net-zero” energy project to demonstrate that energy-efficient smart windows, and several other state-of-the-art technologies, can be cost-effectively included in renovation and retrofit applications to save money. The project, which was funded by the U.S. Army, is a key element of their long-term study to reduce energy consumption to “*net zero*” – a term meaning that the building generates as much energy as it uses, for a net power bill of zero.



SPD Smartglass used in Henry House automatically darkens and lightens to harvest daylight & save energy.

According to Steve Abadi, Chairman of Innovative Glass Corp, “After an evaluation of other smart window technologies including electrochromics, the Energy Services Team of Harshaw Trane, the Energy Services Provider and systems integrator for the project, selected Innovative Glass to provide SPD-Smart windows that would fit in - both physically and aesthetically - with the old-world historical charm of the existing frames and structure. We then custom-built windows that incorporated our state-of-the-art SPD-SmartGlass for the project.”

The SPD-SmartGlass windows, constructed with variable-tint SPD film invented by Woodbury, NY based Research Frontiers (*Nasdaq*: REFR), enable users and facilities managers to instantly and precisely adjust the amount of light, heat, glare and solar energy passing into the home, offering both solar energy control and daylight harvesting benefits.

The SPD-Smart windows in the Henry House at Fort Knox use Hitachi Chemical’s newest SPD “light” film which has a dynamic light transmission range from 65% in the clear state down to a room-darkening 3% light transmission. The light transmission for their SPD-Smart window is instantly and precisely adjustable to any level between dark and clear, and had better performance than any other technology considered for the project. In addition to the dynamic light range, the windows also block 99% of harmful and fabric-fading U.V. rays.

Harshaw Trane’s Energy Services Team designed a sophisticated automatic Energy Management Control system to optimize the energy savings performance and user comfort provided by the SPD-Smart windows by monitoring the location and intensity of the sun, interior temperature, and time of day to regulate the optimal level of tint. “In addition to the automatic controls,” explained Harshaw Trane’s Gary Horner, “push buttons were installed in the rooms to allow the occupants to override the programmed shading. This permits users to choose more or less light to suit their preference. However, the overrides are on a timer so the manual settings will only be effective for an hour or so, then return to the programmed settings.”

“We are trying to be energy-efficient while still allowing people to be comfortable,” Mr. Horner added.

According to R.J. Dyrdek, the U.S. Army’s Energy Manager of Ft Knox, “This installation is particularly important to us because we have two identical homes right next door to one another for comparison. One was renovated with the latest in smart, sustainable, and energy-efficient technologies, and the other was left untouched. This enables us to closely monitor and compare the overall savings and determine which technologies are most effective.”

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About Innovative Glass Corporation

Innovative Glass, a New York-based company, is at the forefront of providing and integrating electronic glazing solutions to the residential, commercial, and institutional markets using their proprietary eGlass® products.

The eGlass® product line consists of two core technologies: SPD-SmartGlass™, and Liquid Crystal Privacy Glass. Both technologies can be provided either independently or together in virtually any shape, size and configuration for integration into other manufacturer's windows, doors, skylights, and partition systems.

Users of eGlass® can instantly and precisely regulate the amount of light, glare, heat and energy passing through their windows – from fully clear, to frosted white, to deeply tinted - and everything in between. This gives users the ability to instantly “tune” their windows to accommodate any desired preference or need – all within a single, unified system that eliminates the need for blinds, shades or curtains.

The Company most recently garnered significant industry recognition when it was honored with two prestigious Crystal Achievement Awards by the Window & Door industry and the Glass industry for their innovative glazing technologies.

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