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Synergy Self Storage Goes Solar with 155 kW of PowerFLEX™

PowerFLEX™ BAPV Revolutionizes Solar Roofing; Modules Offer Flexible, Lightweight and Easy-to-Install Design

Tucson, AZ– August 5, 2016 – [Global Solar Energy, Inc.](#), a leading manufacturer of high-efficiency Copper Indium Gallium diSelenide (CIGS) thin film solar products, and Synergy Self Storage announced the installation of a 155.6kW rooftop solar power generation system utilizing PowerFLEX™ Building Applied Photovoltaic (BAPV) panels. Synergy Self Storage is the first area self storage facility to incorporate the use of BAPV solar panels, which were incorporated during the expansion of their facility in Merrimack, NH.

“We chose Global Solar Energy as our supplier,” said Joel Sikkila, construction liaison and a partner in the venture, “Because of the unique capabilities of their panels. Not only are their panels among the most efficient available, but the ability to adhere the panels directly to the roof membrane, without the requirement of the typical, costly racking systems, will enable the ROI on the system to occur much sooner than the industry average.” These extremely low-profile BAPV panels are an emerging technology, and the installation of the panels on the climate controlled self-storage facility will be the first of its type in the region, for commercial and industrial structures alike. “We have made a concerted effort to design this facility as energy-efficient as possible,” noted Sikkila, “With the addition of these BAPV panels, we will not only be able to supply the energy demands of the building with clean, renewable power, but will also be able to take advantage of net-metering from our local power grid, and potentially create additional revenue. Global Solar Energy will no doubt be the supplier of BAPV panels for all of our future facilities.”

A typical, climate controlled self-storage facility does not experience the mid-day, peak power demands of an office or retail structure, making it a perfect candidate for the even power generation of Global Solar Energy’s

PowerFLEX panels. “It is our intention to create a model self-storage facility which others in the industry will look to as an example,” says Sikkila, “If we aim to be a leader in self-storage design and construction, then we must partner with suppliers and manufacturers that allow us to do so.” Chuck Parker, Senior Sales Manager for Global Solar Energy and the point of contact for the project, agrees: “Global Solar Energy is dedicated to working with progressive and environmentally-conscious partners,” added Parker, “And our long term strategic relationship with Synergy Self Storage underscores this commitment.” With the expansion completed, the facility features 144,000 sq.ft. of temperature and humidity-controlled self-storage, on five floors.

Global Solar’s PowerFLEX module directly addresses the biggest concerns posed by the roofing industry regarding solar integration. It is lightweight and can be applied directly to a roofing surface, requiring no mounting hardware, no roof penetrations, and creates no additional wind load. Designed especially for commercial and industrial roofs, Global Solar’s PowerFLEX BIPV maintains the integrity and aesthetics of a building structure. Because of its large format and high power density, Global Solar’s PowerFLEX will also lower installation and balance of system (BOS) costs.

About Global Solar Energy

Since its founding in 1996, Global Solar has emerged as the leader in flexible, light weight Copper Indium Gallium diSelenide (CIGS) thin film solar cell technology. Global Solar’s thin film solar cells are incorporated into a variety of applications ranging from building applied photovoltaic (BAPV) products to off-grid designs to lightweight portable solar chargers. Global Solar, a subsidiary of Hanergy (the world’s leading CIGS thin film company), manufactures CIGS cells and products in their integrated facility in Tucson, Arizona, USA and distributes worldwide. More information can be found at www.globalsolar.com.

About Synergy Self Storage

Synergy Self Storage is the premier self-storage facility in the Merrimack, New Hampshire area, with solutions for both personal and business storage needs. The new facility is conveniently located halfway between Nashua and Manchester, just one minute from Exit 11 and has self storage units in a large range of different sizes and with many outstanding features. All self storage units are climate-controlled, clean and affordable. More information can be found at www.synergyselfstorage.com

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