THE SOLAR RAY

A Newsletter Generated Efficiently By SunEnergy1

Biltmore Estate Solar Farm Soaks In The Sun

A 1.2 MW solar farm installed by SunEnergy1 at Biltmore Estate in Asheville, NC, became fully operational on December 29, 2011. The entire array consists of 19 rows of calibrated racks from Daetwyler Clean Energy. Each rack holds 28 Bosch 240-watt panels, which are carefully tilted to maximize sun exposure.

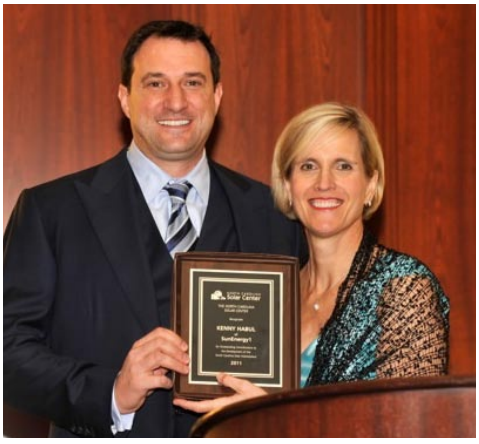
This solar system is situated on six acres of the estate's property and is visible on the south side of I-40. The power generated will service Antler Hill Village, the newest development at Biltmore Estate.

"We are looking at ways to really make a difference, both within our agricultural operations and our energy supply. This particular array is one of the most advanced systems. It's running great." — Chuck Pickering, Vice President for Agriculture and Government Relations, Biltmore Estate

According to the U.S. Solar Market Insight Report recently released by SEIA/GTM Research, an estimated 29.2 MW of commercial PV installations were completed in North Carolina in 2011. SunEnergy1 projects accounted for 41% of that total (12 MW). North Carolina moved from 11th to 6th in the report's state rankings of solar activity. SunEnergy1 is proud to have a leading role in North Carolina's rapidly growing solar market.

5.2 MW System Shines At SHOE SHOW, INC.

The 5.2 MW rooftop solar array at the SHOE SHOW, INC. headquarters in Concord is now complete. It stands as not only the largest array of its kind in North Carolina, but as one of the largest installations in the United States. Close to 19,000 BP 280-watt panels were installed by SunEnergy1 on the roof using the PanelClaw Grizzly Bear racking system. Prior to the installation, a massive reroof was completed with Hydro-Stop cool roofing technology. Duke Energy has a Power Purchase Agreement with SHOE SHOW, INC. to purchase the power generated by the system. The system will produce enough electricity to fully power over 600 homes and is the equivalent of reducing 10,271,000 lbs. of carbon dioxide annually.



Kenny Habul, founder and CEO of SunEnergy1, was recognized in December by NC State Representative Ruth Samuelson and the North Carolina Solar Center for the contributions that he and SunEnergy1 have made to enhance and encourage the commercial use of solar energy in North Carolina.

First Phase Of 20 MW Solar System Launched In Plymouth

Stage one of the 20 MW solar farm in Plymouth, NC, passed a final inspection on December 30, 2011.

To commemorate installation of the 2.4 MW phase of the system, SunEnergy1 held a ribbon-cutting ceremony on January 30, 2011, at the Plymouth site. A reception followed at the Vernon G. James Research & Extension Center. Those in attendance included Congressman G.K. Butterfield, Plymouth Mayor Brian Roth, NC State Representative Ruth Samuelson, Rudy Wodrich of Schneider Electric, Eric Daniels of Bosch, and Bill Taylor of Daetwyler Clean Energy.

Construction for the second stage, which will expand the system to 5 MW, is scheduled to begin in March. The entire system will be 20 MW upon completion in early 2013.

The State's Second Largest Rooftop Solar Array Commissioned At Old Dominion Freight Line

The 1.8 MW solar system at the Vault Logistics warehouse of Old Dominion Freight Line, Inc. in Thomasville, NC, was fully commissioned and became operational on December 20, 2011. SunEnergy1 completed this project ahead of the contract deadline and the system passed Duke Energy's newly implemented anti-islanding testing protocol.

The rooftop solar array was constructed using more than 7,600 BP 235-watt panels, a combination of S-5 and IronRidge racking systems, and three Schneider Electric GT-500 inverters. The system is grid-connected to Duke Energy, offsetting the energy consumption for Old Dominion Freight Line, Inc.

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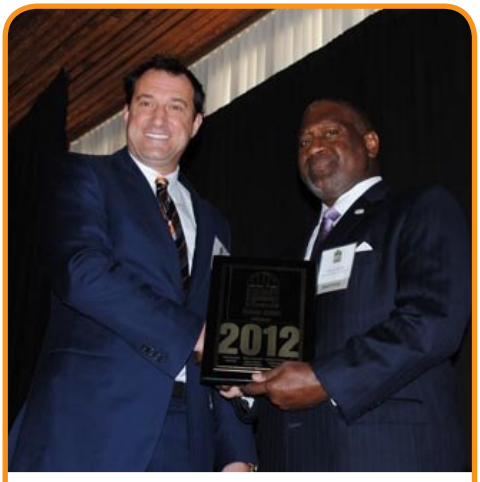

SunEnergy1 CEO, Kenny Habul, accepting his award from Ronnie Bryant, Chief Executive of Charlotte Regional Partnership.

SunEnergy1 CEO Recognized For Energy Industry Leadership

On Wednesday, January 25, 2012, Kenny Habul was one of 10 individuals from the business and academic communities who were recognized at the Energy Leadership Awards in Charlotte, NC. The event was hosted by *The Charlotte Business Journal*. Award recipients were selected based on their impact on job growth, their role in building the region into a national or international player in the industry, and their influence on local, state or national energy policy.