

## **RANDOLPH INDOOR SPORTS PAVILION GOES SOLAR WITH HELP OF VANGUARD ENERGY PARTNERS AND CAPITAL ONE BANK**

Vanguard's 360 kW Solar Electric Array Will Power Sports Complex with Renewable Energy

### **RANDOLPH, N.J., FEBRUARY 24, 2011**

Vanguard Energy Partners today announced the completion of the Indoor Sports Pavilion's (ISP) 360 kW solar photovoltaic (PV) system that will help power the athletic facility with clean renewable energy. The grid-tied array will help transform the arena into a high-performance "net-zero electric" building that hosts tens of thousands of athletes and spectators from the community every year.

Vanguard, a leader in the northeast for design and installation of large-scale solar projects, installed 1,556 roof-mounted panels that will generate approximately 94 percent of the electricity needed to power the 78,000-square foot athletic center which houses multiple sports fields. ISP is expected to achieve net-zero electric status with additional energy efficiency initiatives like lighting retrofits and natural gas heating.

"We applaud the Indoor Sports Pavilion for taking the lead in the community to reduce their carbon footprint by utilizing solar and focusing on energy efficiency, said Vice President of Operations, Tom Buono. "Achieving net zero is a challenging feat and it takes a strong commitment that will benefit the environment and people in the community."

"Going solar has always been a long-term goal for us, and we're excited to be generating our own electricity, said Jeff Walder, owner of the Indoor Sports Pavilion. "On certain days, we will actually be pumping excess electricity back in to the grid to help provide power for our neighbors," said Mr. Walder.

This solar array is estimated to produce 373,282 kWh of energy in the first year, which will reduce CO<sub>2</sub> emissions by 591,010 pounds per year. That is equivalent to saving 30,155 gallons of gasoline or recycling 90 tons of waste.

"ISP could not have made this solar project viable without the knowledge and commitment of Capital One Bank, said Mr. Walder. "The Bank financed this entire "green" energy venture." The Indoor Sports Pavilion will have the ability to evaluate its power consumption, solar production and system efficiency using SunFlow Monitor, a real-time, web based monitoring system provided by Noveda Technologies. SunFlow Monitor will help ensure the solar electric system is performing as designed for maximum output. The high-definition monitor will be on public display at the facility's main entrance.

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