



FLS Energy Completes Second Commercial Solar Project Powered by Suniva™
Suniva's high-power solar panels boost performance in space-constrained rooftop application

Norcross, Ga. — January 19, 2010 — Suniva, Inc., a U.S. based high-efficiency solar manufacturer, and FLS Energy, a North Carolina-based solar energy generation company, today announced the completion of a 240kW solar installation on a retail center in Cary, NC. The photovoltaic (PV) module array, *Powered by Suniva™*, is on the rooftop of the Mayfair Plaza Shopping Center and is one of the state's largest rooftop arrays.

The Mayfair Plaza solar project is the second system built by FLS Energy and *Powered by Suniva*. In October 2009, FLS Energy announced its 550kW solar farm in western North Carolina would be *Powered by Suniva*. The entire output of both projects is sold to Progress Energy for use by its customers.

“The continued demand for solar in the Southeast is increasing at an exceptionally fast rate,” said Michael Shore, president of FLS Energy. “The advantages of using Suniva’s high-powered solar modules are twofold: it enables us to address the expanding market at an affordable price while using high-quality content made in the USA.” FLS Energy acted as system integrator on the project.

Suniva’s solar modules, which are UL listed and IEC certified, contain more than 90 percent U.S. content and offer a 25-year performance warranty, representing the highest quality standards in today’s industry. Suniva modules are powered by Suniva’s high-efficiency ARTisun Series solar cells and deliver peak power output up to 300 watts, one of the highest in the industry. High power output is a key factor in reducing installation and balance-of-system costs in all PV systems.

“We look forward to continuing our great relationship with FLS as the Southeast continues to be recognized as a huge opportunity for the solar market,” said John Baumstark, CEO of Suniva. “Our solar modules, *Powered by Suniva*, will enable FLS’s installations to deliver some of the highest levels of performance and reliability in the industry by using the most advanced, efficient and cost-effective solar cell technology available.”

The Cary solar PV array, which began operation on December 22, 2009, is expected to generate approximately 325,000 kilowatt-hours this year. This is roughly the equivalent of the annual energy demand of 22 typical homes. The PV array will reduce annual carbon dioxide emissions by approximately 230 tons, which is equivalent to drivers conserving 26,000 gallons of gasoline.

About Suniva

Based in Norcross, GA, Suniva® manufactures high-efficiency monocrystalline silicon solar cells and high power solar modules with low-cost techniques in order to make solar-generated

electricity cost-competitive with fossil fuels. Suniva leverages exclusive licenses to critical patents and patent-pending intellectual property developed by founder and CTO, Dr. Ajeet Rohatgi, at the Georgia Institute of Technology's University Center of Excellence for Photovoltaic Research, which is funded by the Department of Energy. Led by an internationally regarded team of business executives and photovoltaic scientists, Suniva sells its advanced solar cells and modules *Powered by Suniva*™ worldwide, renewing U.S. solar energy leadership. For additional information, please visit www.suniva.com.

About FLS Energy

FLS Energy is a solar energy generation company. Our mission is to make solar mainstream. FLS Energy provides engineering, technology, installation and financing solutions to provide its clients clean energy and a hedge against rising energy costs. Projects range from some of the largest solar hot water systems in the country to solar farms for generating electricity.
www.flsenergy.com

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