



Day4 Energy Introduces the Next Generation of Solar Electric Modules

New Guardian Technology Offers Intelligent Shading Protection, High Power Density, and Better ROI

Burnaby, BC, September 14, 2009 – Day4 Energy Inc., a leading technology developer and manufacturer of high performance solar electric modules, today announced the expansion of its product offering to include the Day4 60MC-I featuring the breakthrough Guardian Technology™. Guardian Technology dramatically improves the performance of the photovoltaic (PV) modules when exposed to partial shading, snow, debris and other external factors that under normal circumstances cause a substantial reduction in power yield. As a direct result, Day4 60MC-I modules with Guardian Technology are three times less sensitive to these external factors. They also offer as much as 25 percent greater power yield from the same installation area due to higher installation density and enable viable PV installations on many sites that have been previously considered not suitable for this purpose.

“With greater performance over the day, year and lifetime of the product, more energy is collected and more kilowatt hours are produced. This means a greater return on investment for the solar installation”, said Day4 Energy president, George Rubin. “We understand that our customers are solar energy investors that are focused on kilowatt hours, not just kilowatts.”

This new development builds on the Day4® Electrode platform, which is an advanced construction technology that directly replaces the decades-old soldering methods that are widely used to manufacture solar panels. By improving connections to and between PV cells, the Day4 Electrode delivers quality solar electric products with higher performance, longer lifetime, improved aesthetics and lower cost. The Day4 Electrode further enables more efficient design and manufacturing of next generation PV technologies. Guardian Technology is applicable to a wide variety of PV cell designs including back contact cell concepts and high efficiency cell designs currently under development at Day4 Energy.

“This new technology offers a great advantage for system performance under real world conditions. It will now be possible to install in areas that were thought of as unsuitable and still produce positive returns on the solar investment”, says Leonid Rubin, chief technology officer of Day4 Energy. The company has applied for patent protection in relation to this new, unique technology.

The 60MC-I featuring Guardian Technology is in the process of receiving IEC - TUV Rheinland and UL certifications and based on very positive internal testing is expected to be certified for sale in both the European and North American markets in early 2010. The module will be launched at the EU PVSEC in Hamburg in September and Solar Power International in Anaheim in October. Please visit us in Hall B6, Stand 63 in Hamburg and booth 1439 in Anaheim to learn more about the 60MC-I and Guardian Technology. Join the Day4 sales team for daily presentations on the technology and its benefits.

About Day4 Energy:

Day4 Energy Inc. is Canada’s largest manufacturer of high performance photovoltaic (PV) modules for residential, commercial and utility scale installations around the world. By fundamentally improving on the

design and assembly of solar modules, Day4 Energy produces unique PV panels of high power density, increased lifetime and uncompromised aesthetic appearance. Day4 Energy partners with international technology leaders to develop and deliver IEC- and UL-certified solar products to customers throughout Europe and North America. Day4 Energy is listed on the Toronto Stock Exchange under the symbol "DFE". For more information, please visit www.day4energy.com.

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