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NEWS RELEASE

OPEL Solar, Inc. Launches New Mk-IX High Concentration Photovoltaic Solar Panel Technology

- **Improved Modular Design Reduces Manufacturing Costs, Improves Reliability**
- **Estimated 20-25% Increase in Energy Performance Over Previous Generation**

Shelton, CT and Toronto, ON, October 12, 2010 – OPEL Solar, Inc. (“OPEL” or “the Company”), a leading global developer and supplier of high concentration photovoltaic (HCPV) panels and industry-leading solar tracking systems, announced today the launch of its latest HCPV solar panel, the Mk-IX.

The OPEL Solar Mk-IX High Concentration Photovoltaic Panel (HCPV) is a high performance, reliable, cost-effective product designed for utility grade grid-connected solar systems in medium to high solar irradiance climates. The Mk-IX Panel uses a dual-element refractive concentrator architecture, in combination with triple junction solar cells produced by Boeing-Spectrolab. The high efficiency of the OPEL Solar HCPV panel results in significantly higher power generation per unit of area when compared with both silicon flat panel and thin film installations.

“This new version of our successful HCPV concentrator improves performance while reducing cost,” said Dr Javier Berrios, OPEL's Vice President of Engineering. “By using a more modular design, we are able to reduce overall manufacturing time, which reduces costs, while also increasing overall energy production per panel and reliability.” The new Mk-IX concentrates light at more than 600 times. The new version also improves energy conversion efficiency, achieving its performance ratings at an irradiance of 850 watts per square meter, placing it among one of the highest efficiencies for solar panels in commercial production today.

Because of its standardized design, the Mk-IX concentrator will offer users increased durability and reliability. Additionally, the new Mk-IX concentrator technology uses a less complex, easily repeatable assembly process that can be transferred to different markets, thus generating more local manufacturing jobs.

The Mk-IX concentrators will begin shipping in the spring of 2011.

“By next year, customers in North America, Europe, Asia and the Mid-East will be able take advantage of this advanced HCPV technology,” said Berrios. “The Mk-IX is a reliable, cost-efficient high concentration solar panel technology available today in the market.”

OPEL is the leading supplier of HCPV panels throughout the European and North African markets, and is rapidly expanding in the United States.

About OPEL Solar, Inc. and OPEL International Inc. (“OPEL”)

With operations headquartered in Shelton, CT and Toronto, Ontario, Canada, OPEL designs, manufactures and markets high performance concentrating photovoltaic (“HCPV”) panels to transform solar energy into electricity for worldwide application. OPEL’s high performance photovoltaic concentrating panels generate up to 40 percent more kilowatt-hours than conventional flat plate silicon or thin film solar panels, resulting in more cost-effective electricity generated from the sun. OPEL also markets a complete line of precision dual and single axis solar trackers to mount solar panels for optimum power output. OPEL also designs infrared sensor type products for military, consumer, industrial and commercial applications.

A leader in gallium arsenide and solar photovoltaic technology, the Company has been awarded 32 patents and has 18 more patents pending. OPEL’s common shares trade on the TSX Venture Exchange under the symbol “OPL”. For more information about OPEL Solar, Inc., please visit the Company’s website at www.opelinc.com. OPEL Solar, Inc. is a subsidiary of OPEL International Inc. (TSX-V: OPL).

Dated: October 12, 2010

ON BEHALF OF THE BOARD OF DIRECTORS



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