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## **NEWS RELEASE**

### **OPEL Solar, Inc., and the National Research Council of Canada Celebrate the Unveiling and Testing of the SUNRISE Solar Project Installation**

*New high efficiency concentrated photovoltaic and solar tracker power system unveiled today for the first time, following three years of research*

*Canadian Minister of State and President of the National Research Council of Canada to attend ceremony*

**Shelton, CT, and Toronto, ON, October 21, 2010** OPEL Solar, Inc. (“OPEL”), a leading global developer and supplier of high concentration photovoltaic (“HCPV”) solar panels and industry leading solar tracking systems, and the National Research Council of Canada, today announced the unveiling and testing of the SUNRISE (Semiconductors Using Nanostructures for Record Increased in Solar-cell Efficiency) research project installation at the Institute for Research in Construction’s Flexhouse in Ottawa, Ontario.

Funded by the Development Bank of Canada (BDC) and the National Sciences and Engineering Research Council of Canada (NSERC), the unveiling and testing of the SUNRISE project represents the culmination of three years of research into utilizing nanostructures to establish a higher level of energy efficiency and output from a concentrated photovoltaic installation. The SUNRISE project is a collaborative research project between OPEL Solar, The National Research Council of Canada, the University of Ottawa’s Centre for Research and the University of Sherbrooke. The SUNRISE project was focused on developing new, ultra high efficient solar cells in combination with high efficiency OPEL Solar concentrator design. When paired with OPEL’s state-of-the art dual axis tracker, the newly developed panels are very cost effective and are expected to validate target efficiencies for both cells and the system.

“We’re very excited to see the culmination of three years of research and development by some of the best minds in solar technology with the unveiling of the SUNRISE project,” stated Leon M. Pierhal President and Chief Executive Officer of OPEL Solar, “This project represents another example of OPEL Solar’s industry-leading solar technology development at work.”

The SUNRISE project was unveiled and energized this afternoon, at a special ceremony hosted by Gary Goodyear, Minister of State (Science and Technology) and John McDougall, President of the National Research Council of Canada at the National Research Council of Canada Institute for Research facilities in Ottawa, Ontario.

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**About OPEL Solar, Inc. and OPELSolar International Inc.**

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 33 patents and has 17 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](http://www.opelinc.com). OPEL Solar, Inc. is a subsidiary of OPEL International Inc. (TSX-V: OPL).

**Dated: October 21, 2010**

ON BEHALF OF THE BOARD OF DIRECTORS

  
Michel Lafrance, Secretary

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