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First Solar Installs PV Array at India's Ministry of New and Renewable Energy

Demonstration System Supports Ministry's Renewable Energy Goals

NEW DELHI-Sep. 12, 2012-First Solar, Inc. (Nasdaq: FSLR) recently completed installation of a 3.2 kilowatt (kW) solar photovoltaic (PV) system at the Indian Ministry of New and Renewable Energy's Solar Energy Center (SEC) in Gwal Pahari, about 30 minutes outside of New Delhi. The system, which was donated by First Solar, will help the SEC to achieve its goal of 100% renewable energy consumption while also demonstrating First Solar's advanced, thin-film technology.

The PV array will provide free, clean electricity to the Center's offices, testing equipment and laboratories. In addition, the system includes state-of-the-art monitoring equipment to capture irradiance, climate and system performance data that can be studied by experts at the Center.

"We are pleased to help support the SEC in its goal of procuring 100% of its own electricity needs from clean solar energy," said Sujoy Ghosh, First Solar's India Country Head. "We welcome the opportunity to demonstrate the performance characteristics and potential of First Solar's thin-film PV technology in India's climatic conditions."

The PV array includes 40 of First Solar's innovative, thin-film solar modules, the monitoring station designed by BEC Engineering and an inverter by SMA. It is connected to a 440V mini-grid at the SEC.

About First Solar
First Solar is a leading global provider of comprehensive photovoltaic (PV) solar systems which use its advanced thin-film modules. The company's integrated power plant solutions deliver an economically attractive alternative to fossil-fuel electricity generation today. From raw material sourcing through end-of-life module collection and recycling, First Solar's renewable energy systems protect and enhance the environment. For more information about First Solar, please visit www.firstsolar.com.

For First Solar Investors
This release contains forward-looking statements which are made pursuant to the safe harbor provisions of Section 21E of the Securities Exchange Act of 1934. The forward-looking statements in this release do not constitute guarantees of future performance. Those statements involve a number of factors that could cause actual results to differ materially, including risks associated with the company's business involving the company's products, their development and distribution, economic and competitive factors and the company's key strategic relationships and other risks detailed in the company's filings with the Securities and Exchange Commission. First Solar assumes no obligation to update any forward-looking information contained in this press release or with respect to the announcements described herein.

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