

Media Contacts

United States: Lisa Morse, 602-414-9361, media@firstsolar.com

Europe: Brandon Mitchener, +49-6131-1443-399, media@firstsolar.com

First Solar to Supply 27 Megawatts of Solar Modules to Juwi for U.S. Utility Installations

TEMPE, Ariz., Sept. 17, 2009 – First Solar Inc. (FSLR) today announced that it has been selected by Colorado-based developer and EPC contractor juwi solar Inc., a subsidiary of juwi Holding AG, to supply solar modules for two U.S. projects. These projects represent new supply orders and do not fall within the existing long-term framework agreement between First Solar and juwi solar GmbH.

The projects include a 15 megawatt (MW) (DC) installation for JEA, the eighth largest community-owned electric utility in the U.S. First Solar will also supply another 12MW (DC) for juwi solar Inc.'s project with American Electric Power in Ohio. The two installations are expected to begin construction in the fourth quarter of 2009 and to be completed before the end of 2010.

"First Solar's modules are a cost effective solution for utility scale installations, making them an ideal fit for these projects," said Bruce Sohn, First Solar president. "Together with our valued customer juwi solar, we are addressing the nation's clean energy needs."

"We are very encouraged that First Solar is supplying its proven and financeable modules for these initial U.S. utility-scale projects developed by juwi solar. We expect that our strong relationship with First Solar will be an important element toward the expansion of solar power in the United States," said Michael Martin, managing director of juwi solar Inc.

About First Solar

First Solar, Inc. (Nasdaq: FSLR) is changing the way the world is powered by creating truly sustainable solar energy solutions. First Solar manufactures solar modules with an advanced semiconductor technology and provides comprehensive PV system solutions. By constantly decreasing manufacturing costs, First Solar is creating an affordable and environmentally responsible alternative to fossil-fuel generation. First Solar modules are most effective when demand for traditional forms of energy is at its peak. First Solar set the benchmark for environmentally responsible product life cycle management by introducing the industry's first prefunded, comprehensive collection and recycling program for solar modules. From raw material sourcing through end-of-life collection and recycling, First Solar is focused on creating cost-effective renewable energy solutions that protect and enhance the environment. For more

information about First Solar, please visit www.firstsolar.com, or www.firstsolar.com/media to download photos.

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.

-###-