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First Solar to Supply Modules for Masdar City Solar Power Project

World's First Carbon-Neutral City Powered Entirely by Renewable Energy Sources

TEMPE, Ariz.--(BUSINESS WIRE)--Jan. 15, 2009--First Solar, Inc. (Nasdaq: FSLR) today announced the Company has been selected by Masdar Abu Dhabi Future Energy Company to supply 5 MW of its thin film solar modules to be part of the largest grid-connected photovoltaic (PV) system in the Middle East. This system will supply power to Masdar City, the world's most ambitious sustainable development to date, with plans to be the world's first carbon-neutral, zero waste, car-free city powered entirely by renewable energy sources. The PV plant is being designed and constructed by Abu Dhabi based solar power system integrator Enviromena Power Systems. Construction has begun, and the system is expected to be commissioned and producing power by the end of the second quarter of 2009.

"We are pleased that Masdar selected First Solar's modules to supply power to the world's first carbon-neutral city and are pleased to be part of Masdar City's efforts to develop a blueprint for cities of the future," said John Carrington, First Solar's executive vice president of marketing and business development. "We are happy to work with Enviromena Power Systems' experienced team on this landmark project."

"Enviromena is very excited to be working with world-class suppliers such as First Solar on this groundbreaking project in Abu Dhabi. We look forward to working with First Solar on future projects in the region," said Sami Khoreibi, president and CEO of Enviromena Power Systems.

About First Solar

First Solar, Inc. (Nasdaq: FSLR) manufactures solar modules with an advanced semiconductor technology and provides comprehensive PV solutions that significantly reduce solar electricity costs. By enabling clean, renewable electricity at competitive prices, First Solar provides an economic and environmentally responsible alternative to existing peaking fossil-fuel electric generation. First Solar PV power plants operate with no water, air emissions or waste stream. First Solar set the benchmark for environmentally responsible product life cycle management by introducing the industry's first 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.

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