



Construction Begins on Ontario's First Utility-Scale Solar Project under Feed-in Tariff Program

Local communities to benefit from clean energy and job creation

Toronto – November 3, 2011 – SunEdison, the solar energy subsidiary of MEMC Electronic Materials, Inc. (NYSE: WFR), today announced the groundbreaking of SunE Rutley, a 10 megawatt (MW) solar project located in Ingleside, Ontario, which is the first utility-scale solar photovoltaic (PV) project to begin construction as part of Ontario's Feed-in Tariff (FIT) program.

Expected to create approximately 100 new construction jobs in the region, SunE Rutley will also be the first large-scale solar project in Ontario to meet the FIT program's 60 percent domestic content requirement by using solar PV panels, inverters and racking structures manufactured in Ontario.

The 42,000 solar PV panels used for the project will be supplied by SunEdison's parent company MEMC, and manufactured in Newmarket, Ontario. The company began producing solar panels in July 2011 and recently celebrated the creation of 400 new manufacturing jobs with partner Flextronics.

"This is our fifth large-scale solar project in Ontario in the past two years alone. We are proud to add this achievement to a growing number of milestones for SunEdison and for the Province of Ontario," said Jason Gray, Vice President and Country Manager for SunEdison. "SunEdison is a global leader in the solar industry and we are committed to building a sustainable and long-term solar industry in this province. Solar energy is an important part of the electricity supply mix, and is becoming a key component of Ontario's economy."

The system, covering 90 acres of land – approximately the size of 50 Canadian football fields – is expected to begin transmitting energy by December 2011 to Hydro One, Ontario's largest electricity transmission and distribution company. SunEdison expects the solar park to generate more than 300 million kilowatt hours (kWh) in the first 20 years of production, enough electricity to power approximately 28,000 homes



annually. Additionally, it will offset more than 61.6 million kilograms of carbon dioxide into the atmosphere, which is equivalent to removing more than 13,000 cars from the road for one year.

“We are pleased to have this renewable energy project in the Township of South Stormont,” said Mayor Bryan McGillis, Township of South Stormont. “Projects such as this contribute to positive economic growth throughout the region by using workers from our community.”

About the Feed-in Tariff Program (FIT)

Ontario's Feed-In Tariff (FIT) program for renewable energy generation is a cornerstone of the province's Green Energy Act. Under the program, participants are paid a fixed-price for the electricity they generate over a 20 year contract period. For more information, visit <http://fit.powerauthority.on.ca>.

About SunEdison

SunEdison is a global provider of solar-energy services. The company develops, finances, installs and operates distributed power plants using proven photovoltaic technologies, delivering fully managed solar energy services for its commercial, government and utility customers. In 2010 SunEdison deployed more than 160 megawatts of solar throughout the world. For more information about SunEdison, please visit www.sunedison.com.

About MEMC

MEMC is a global leader in semiconductor and solar technology. MEMC has been a pioneer in the design and development of silicon wafer technologies for more than 50 years. With R&D and manufacturing facilities in the U.S., Europe and Asia, MEMC enables the next generation of high-performance semiconductor devices and solar cells. Through its SunEdison subsidiary, MEMC is also a developer of solar power projects and a worldwide leader in solar energy services. MEMC's common stock is listed on the New York Stock Exchange under the symbol "WFR" and is included in the S&P 500 Index. For more information about MEMC, please visit www.memc.com.



Forward-Looking Statements

Certain matters discussed in this press release are forward-looking statements, including that the solar project is expected to create approximately 100 new construction jobs in the region; that the project is expected to begin transmitting energy by December 2011; and that SunEdison expects the solar park to generate more than 300 million kilowatt hours (kWh) in the first 20 years of production, enough electricity to power approximately 28,000 homes, and offset more than 61.6 million kilograms of carbon dioxide into the atmosphere, which is equivalent to removing more than 13,000 cars off the road for one year. Such statements involve certain risks and uncertainties that could cause actual results to differ materially from those in the forward-looking statements. Potential risks and uncertainties include delays or interruptions in construction, deployment or activation; the timely availability of required permits and authorizations for projects from governmental entities and third parties; changes in applicable regulatory requirements and incentives for production of solar power; general business and economic conditions, including seasonality of the industry; and other risks described in MEMC's filings with the Securities and Exchange Commission, including its Form 10-K for the 2010 fiscal year. These forward-looking statements represent MEMC's and SunEdison's judgment as of the date of this release. MEMC and SunEdison disclaim, however, any intent or obligation to update these forward-looking statements.