



For Immediate Release

SunEdison Activates First Phase of its 16MW North Carolina Solar Farm

Has Initiated the Second Phase of Construction for the Project

Beltsville, MD (Feb. 4, 2010) — SunEdison, North America's largest solar energy services provider and a subsidiary of MEMC Electronic Materials (NYSE: WFR), has activated the first phase of its 16-megawatt solar farm in Davidson County, N.C.

The first phase of the project represents 4 megawatts of generation capacity and is comprised of more than 14,000 solar panels that will generate over 6 million kilowatt hours of electricity in the first year of operation. Duke Energy is buying the farm's entire output under a 20-year contract.

Over those 20 years, the farm will generate 115 million kilowatt hours of electricity – enough to power 10,000 average homes for one year. It also will offset more than 225 million pounds of carbon dioxide that otherwise would have been emitted from a traditional coal-burning power plant.

“This first phase represents a major milestone in our overall plan to develop 16 megawatts of solar energy at this site,” said SunEdison President Carlos Domenech. “Having financed and completed this initial installation, we have mobilized resources for the next phase of the solar farm.”

The farm is one of several North American utility-scale power plants that SunEdison has financed and developed, and now operates.

About SunEdison

SunEdison is North America's largest solar energy services provider. The company finances, installs and operates distributed power plants using proven photovoltaic technologies, delivering fully managed, predictably priced solar energy services for its commercial, government and utility customers. For more information about SunEdison, please visit www.sunedison.com

About MEMC

MEMC is a global leader in the manufacture and sale of wafers and related intermediate products to the semiconductor and solar industries. MEMC has been a pioneer in the design and development of wafer technologies over the past 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. With the acquisition of SunEdison, MEMC is now a developer of solar power projects and North



America's largest solar energy services provider. 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.

About Duke Energy

Headquartered in Charlotte, N.C., Duke Energy is a Fortune 500 company traded on the New York Stock Exchange under the symbol DUK. More information about the company is available on the Internet at: www.duke-energy.com.

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