

Solar Frontier Selected for O2 emc's 4 MW Solar Project In North Carolina

Tokyo, December 16th, 2015 – Solar Frontier, the world's largest CIS solar energy solutions provider, announced today their advanced technology has been selected by O2 emc for a 4 megawatt (MW) project in North Carolina (NC), one of the fastest growing solar states in the U.S. The Tolson solar project will be one of the first tracking installations with CIS thin-film solar modules in the state.

A \$10-million-dollar investment, the Tolson solar plant under construction in Edgecombe County, NC, will be equipped with Exosun's advanced Exotrack HZ single-axis trackers orienting over 24,000 Solar Frontier modules towards the sun throughout the day to considerably increase the plant's output versus fixed-tilt installations and traditional crystalline modules. Expected to be completed in 2015, the renewable energy plant will generate almost 7 gigawatt-hours of energy per year, or more electricity than 600 average American homes would consume on an annual basis.

O2 emc is an independent power producer headquartered near Charlotte, NC, that focuses on hiring locally. It is committed to maintaining the company's core values of driving jobs, investing in local economies and supporting public education in each project community.

"We selected Solar Frontier based on their solar module's strong performance, quality and commitment to sustainability. That is in alignment with the high construction standards we maintain," said Joel Olsen, CEO of O2 emc.

Charles Pimentel, COO of Solar Frontier Americas commented, "O2 emc is dedicated to maximizing the local impact and profitability of each project they develop. The Tolson solar project will put hundreds of people to work and drive hundreds of thousands of dollars into the local community. Solar Frontier is honored to have been chosen to support this project."

Solar Frontier's advanced CIS modules are a proven technology and generate higher energy yield (kilowatt-hours per kilowatt peak) in real-world environments than conventional crystalline silicon technologies. Manufacturing its modules in fully automated facilities to consistently deliver high quality products, Solar Frontier's solar projects have increasingly gained the attention of investors and project developers for their exceptional performance. To find out more about Solar Frontier's CIS solar modules, visit [Solar Frontier Product Performance](#).

About Solar Frontier

Solar Frontier K.K., a 100% subsidiary of Showa Shell Sekiyu K.K. (TYO:5002) ("Solar Frontier"), has a mission to create the most economical, ecological solar energy solutions on Earth. Building on a legacy of work in solar energy since the 1970s, Solar Frontier today develops and manufactures CIS (denoting copper, indium, selenium) thin-film solar modules for customers in all sectors around the world. Solar Frontier's gigawatt-scale production facilities in Miyazaki, Japan, integrate compelling economical and ecological advantages into every module: from lower energy requirements in manufacturing to the higher overall output (kWh) of CIS in real operating conditions. Solar Frontier is headquartered in Tokyo, with offices in Europe, the U.S.A., and the Middle East. Visit www.solar-frontier.com for more information.

About O2 emc

O2 emc is an independent power producer that develops, owns and operates solar farms across the Southeast portion of the United States. O2 emc and its sister company, O2 energies, have developed over 100 MW of solar power plants. Their investors enjoy working with an experienced partner that makes investing in solar simple and profitable. O2's projects are developed to maximize local jobs and local investment while enhancing sustainability and educational opportunities in each project community. For more information about O2 emc, please visit <http://www.o2emc.com/projects>.

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