



## **REC Wins Solar Industry Award for Module Manufacturing Innovation**

**Sandvika, August 30, 2010: REC Peak Energy Module wins Solar Industry Award for Module Manufacturing Innovation.**

The Solar Industry Awards, presented by Solar PV Management Magazine, recognize innovative products and manufacturing processes across the photovoltaic value chain that demonstrate technological development towards grid parity while reducing overall cost.

Industry professionals selected REC as the winner of the Module Manufacturing Innovation Award from three shortlisted module manufacturers. The award will be presented during the 25th European Photovoltaic Solar Energy Conference taking place in Valencia, Spain. "REC is proud to be recognized as an industry leader in module innovation. To achieve grid parity we focus on delivering high performing, cost effective solar solutions that build on our strengths throughout the entire value chain", said John Andersen, Jr., Executive Vice President REC Solar and Group Chief Operating Officer. "The Solar Industry Awards continue to promote the people, process and places that make up the global PV and solar industry," said David Ridsdale, Editor in Chief of Solar, PV Management. "The awards are voted for by our readers ensuring they are decided by the individuals at the grass roots of the industry. The companies, people and products are selected due to the confidence of the global solar and PV community."

The REC Peak Energy Module, launched in April this year, is the first commercial product to be produced at REC's new manufacturing facility in Singapore. This site is one of the most integrated and automated in the industry, allowing REC to increase solar cell and module volumes four fold. The REC Peak Energy Module delivers more power per square meter due to several design improvements. Introduction of three bus bars and improved contact between the cell and metal fingers, improves electrical flow, producing an average power gain of nine watts. The unique glass etching process completed in house, utilizes Sunarc technology to increase energy production by two percent. The modules are easy to install and easy to lift and handle. They have a robust and durable design, supporting a large mechanical load (5400 pascal).

Committed to innovation, REC has more than 200 patents pending or granted. The European Solar Test Installation confirmed that REC set a new world record by producing wafers for the world's first multicrystalline solar panels with 17 percent efficiency in collaboration with the Energy Research Center of the Netherlands. REC has an industry leading energy payback time of one year. This is the time it takes for a module to produce the energy used during the production process. REC's proprietary Fluidized Bed Reactor (FBR) process used in the silicon manufacturing process reduces the amount of energy required to produce solar grade silicon by 80 to 90 percent.

The REC Peak Energy Series was also nominated for the Intersolar Award and will be on show at the EU PVSEC REC Booth, Hall 1, Booth 1, Level 2, Feria, Valencia, Spain.

**For further information, please contact:**

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### **About REC**

REC is a leading vertically integrated player in the solar energy industry. REC is among the world's largest producers of polysilicon and wafers for solar applications, and a rapidly growing manufacturer of solar cells and modules. REC is also engaged in project development activities in selected PV segments. Founded in Norway, REC is an international solar company, employing close to 4,000 people worldwide. REC had revenues of approximately EUR 1 billion in 2009. Please visit [www.recgroup.com](http://www.recgroup.com) to learn more about REC.