

jewish heart for africa

Project Sol Announces Renewable Energy Partnership with SolarEdge

NEW YORK, March 25, 2010 -- Jewish Heart for Africa (JHA), a 501(c)(3) nonprofit organization, through its Project Sol initiative, is pleased to announce a new partnership with SolarEdge, an innovative provider of photovoltaic (PV) maximizing power technology and monitoring systems.

Since 2008, Project Sol has provided over 100 thousand people in Africa with Israeli solar technologies. This electricity is used to pump clean water and to store lifesaving medicines and vaccines in rural African Villages.

SolarEdge technology increases power production by up to 25% when integrated with photovoltaic solar modules. These new technologies also offer monitoring data, allowing Project Sol to monitor projects remotely as well as analyze and prevent power losses. This partnership will maximize solar power production and provide monitoring data to increase the sustainability of each project and reduce maintenance costs.

Project Sol is proud to work with SolarEdge, a global company with offices in Israel, USA, Germany and Japan. SolarEdge meets the organization's criteria for technological partnership: use of Israeli based renewable technology, existing and proven supply chain and the creation of new jobs. SolarEdge's technologies are manufactured and implemented worldwide. In Israel, SolarEdge has created over 180 jobs and plans to create an additional 150 jobs until 2011. SolarEdge is funded by a few of the world's most respected Venture Capital Funds and GE. They also have partnerships with leading PV module manufacturers. Over 40MW of SolarEdge systems will have been deployed in residential and commercial grid-connected solar sites in Europe, USA and Asia by the end of 2010.

"SolarEdge is excited to work with JHA in bringing advanced solar technologies to Africa," says Lior Handelsman, SolarEdge's VP of Product Strategy and Business Development. "We recently attended a trip to a few of their projects in Uganda where we installed our PowerBox at the Lubuulo Primary School and Nabigwaali Medical Clinic in the Kaliro District. SolarEdge is happy to be involved in an organization that provides so much help to those who desperately need it."

According to JHA Technical Advisory Board member Jonathan Hollander, "Project Sol is excited to work with such a dynamic and fast growing company whose technology and products are so valuable to our mission and to the commercial market. SolarEdge's technology will increase our power production and provide the ability to monitor our power output, which will provide critical data to optimize our systems and reduce ongoing maintenance costs."

Founder and President of JHA, Sivan Borowich-Ya'ari says, "This new technology will enable us to provide a powerful and sustainable source of electricity to some of the most deprived villages in Africa, for people who truly have no other option. From our office in New York, we can now monitor the efficiency of our solar panels and ensure that our schools, medical clinics and water pumping systems have the power they need to save lives. We are thrilled with this new development for Project Sol, and for those villages that will be transformed thanks to SolarEdge technologies."

About SolarEdge

SolarEdge provides the world's first end-to-end Distributed Solar Power Harvesting and PV Monitoring Solution, allowing maximum energy production at a lower cost per watt. The company works with industry-leading partners to embed its active electronics directly into PV panels. The SolarEdge PowerBoxes™ are DC-DC power optimizers that perform MPPT per individual panel while monitoring performance of each panel and communicating across existing power lines. Moreover, PowerBoxes always maintain a fixed DC string voltage, allowing optimal efficiency of the SolarEdge multi-string PV inverter, which is tailor made to work with power optimizers. As a result, the SolarEdge system provides more power from any given installation, eliminates design constraints, provides complete panel-level and whole-system visibility for monitoring and maintenance alerts, solves all safety hazards and provides anti-theft mechanisms, all while reducing the cost of energy. SolarEdge is online at www.solaredge.com.

About Project Sol

Project Sol, a Jewish Heart for Africa initiative, provides Israeli solar technologies to power African schools, medical clinics and water pumping systems. Since its launch in 2008, Project Sol has brought power to over 100 thousand people living in Ethiopia, Tanzania and Uganda. Solar power allows these 100 thousand villagers to attend school in the evenings, receive lifesaving medicines and vaccines and pump clean water for the first time. Through the purchase of Israeli renewable technologies, Project Sol supports high tech Israeli job creation and provides the building blocks for microeconomic development and improved education and healthcare in Africa. Project Sol is online at www.jhafrika.org.

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