



BP & SolarEdge Collaborate on PV Module-integrated Power Harvesting System

May 28, 2009

By Justin Moresco

BP Solar and SolarEdge announced that they have formed a joint agreement to explore commercialization of a photovoltaic (PV) module-integrated power harvesting system embedded directly into BP Solar modules.

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-- Eric Daniels, Chief Technology Officer, BP Solar

The companies hope that by integrating [SolarEdge’s](#) and other active electronics directly into [BP](#) modules, they will provide solutions to installation and maintenance issues such as module and array mismatch, partial shading and lack of full system monitoring.

The companies said that the combined technologies are currently undergoing rigorous thermal cycle testing to emulate 25 years of volatile solar field conditions.

“We believe the SolarEdge technology, when combined with BP Solar’s patented IntegraBus module power strip, can significantly enhance the energy output of residential and commercial scale systems,” said Eric Daniels, Chief Technology Officer of BP Solar.

In support of this activity, BP Solar and SolarEdge have been awarded a research grant by the Israeli and U.S. governments as part of the BIRD (Bi-national Industrial Research and Development) foundation, which contributes to joint development.

Look for a feature article on this new technology and others like it coming up soon on [RenewableEnergyWorld.com](#).