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40.9% Efficiency Verification from the National Renewable Energy Laboratory

Solar Junction Standard Cells Achieve 40.9% Efficiency

SAN JOSE, Calif., January 17, 2011 – Solar Junction, a manufacturer of high efficiency multi-junction cells for the concentrated photovoltaic (CPV) market, today announced that the National Renewable Energy Laboratory (NREL) has reported 40.9% efficiency on Solar Junction cells that NREL recently tested. The cells Solar Junction submitted to NREL were Solar Junction’s standard design production cells and were manufactured entirely in-house on the Solar Junction production line operating in San Jose, California.

“This verification from NREL of our standard, commercial-ready 5.5 mm triple junction cell, which is the dominant cell size integrated into CPV systems, validates the results that we have been seeing in-house, as well as the reports we have received from our customers,” states Jim Weldon, CEO, Solar Junction.

The cells were submitted in September for testing at NREL as part of Solar Junction’s PV Incubator Grant. Solar Junction is in an efficiency ramp mode with its terrestrial-optimized cells and expects to see continual cell efficiency improvements as the company tests its newest and most advanced cells with its extensive in-house test and characterization capability.

About Solar Junction

Solar Junction is a manufacturer of high efficiency III-V multi-junction solar cells based on lattice-matched 1eV materials. The company is dedicated to providing the industry’s highest efficiency solar cells to enable CPV as a cost effective energy solution. Founded in 2007, Solar Junction is headquartered in San Jose, California. Investors include New Enterprise Associates, Draper Fisher Jurvetson and Advanced Technology Ventures. For more information, please visit www.sj-solar.com

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