

RoseStreet Labs Energy, Inc.

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RoseStreet Labs Energy, Inc. Demonstrates World's First Tandem Nitride/Silicon Solar Cell

PHOENIX, ARIZONA September 28, 2009—RoseStreet Labs Energy, Inc. (RSLE) announced today a breakthrough demonstration of the first known Nitride/silicon tandem solar cell. Utilizing the same Nitride material technology as solid state lighting and blue lasers, RSLE fabricated and tested a working photovoltaic cell that couples a silicon solar cell with a Nitride Thin Film. This is a major milestone in RSLE's product roadmap to achieve substantially higher solar efficiencies than standard silicon or other thin film solar cells. This Hybrid device is expected to achieve practical efficiencies of 25-30%, and RSLE is planning on production of this technology starting the Q4 of 2010.

RSLE's discovery is on RSLE's Full Spectrum photovoltaic product roadmap. Full Spectrum technology is primarily based on Nitride Thin Film semiconductors which have excellent robustness to extreme environments including particle radiation, heat and corrosive environments.

Bob Forcier, CEO, of RSLE, stated, "We are quite excited about this new Hybrid solar cell that marries low cost Nitride thin film with the massive infrastructure of silicon solar cells. Our target market for this Hybrid device is the high performance sector for photovoltaics which we estimate to be over 1% of the \$34B solar cell global market. This high performance market is especially sensitive to applications which have constrained areas such as industrial rooftops and mobile devices."

Wladek Walukiewicz, CTO, of RSLE, announced, "I am also very pleased with this Hybrid breakthrough. We believe that Nitrides have plenty of upside opportunity for higher efficiencies where most competing technologies are very near to their maximum practical efficiencies".

RoseStreet Labs Energy, Inc. (RSLE) is a privately held firm headquartered in Phoenix, Arizona. RSLE is commercializing full spectrum photovoltaic devices for high performance applications. RoseStreet Labs LLC, the parent company of RSLE, is a privately held supplier of products and services for the renewable energy, semiconductor and life science markets.

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