RoseStreet Labs Announces License Agreement with Lawrence Berkeley National Laboratory for Multi-Band Semiconductors and High Efficiency Solar Cells

PHOENIX, Arizona, December 6, 2005---RoseStreet Labs announced today an exclusive license agreement with Lawrence Berkeley National Laboratory (Berkeley Lab) for Multi-Band Semiconductors and High Efficiency Solar Cells. This agreement will support RoseStreet Labs' commercialization of full spectrum photovoltaics for terrestrial, distributed energy, military and space applications. Rose Street Labs expects to spinout its solar operations by year end into an entity named RSL Energy.

Rose Street Labs believes that Berkeley Lab's technology can potentially achieve efficiencies above 48% in a single junction device, and encompasses a breakthrough multi-band material that may significantly reduce the complexity and manufacturing costs associated with high solar efficiencies. RSL Energy will commercialize Berkeley Lab's technology at its Phoenix R&D Laboratory and introduce an Intermediate Band Solar Cell product series (IBSC) with the technology. This license complements and expands RoseStreet Labs' existing exclusive license for full spectrum solar cells utilizing unique multijunction technology announced April 19, 2005 with both Berkeley Lab and Cornell University. Both the Berkeley Lab multi-band technology and the Berkeley Lab/Cornell multijunction technologies are non-silicon based and not subject to the shortages in polycrystalline silicon materials.

RSL Energy will leverage RoseStreet Labs' Phoenix-based R&D Laboratory and its high volume semiconductor bumping foundry, FlipChip International, to produce a competitive market entry for full spectrum solar cells into the rapidly growing global renewable energy market.

Bob Forcier, President and CEO of RoseStreet Labs, said, "We are excited about the Lawrence Berkeley National Laboratory breakthrough in multi-band semiconductor materials and we believe it will lead to leapfrog advances in solar cell applications. By leveraging these disruptive technologies, we believe RSL Energy can provide a unique product solution for a broad range of renewable energy applications - at a cost close to prevailing conventional silicon based cells, but with significantly higher efficiencies. This material set also has the potential to build devices on a variety of substrates allowing creative products in the architectural, wireless, automotive, rooftop/shingle, and distributed energy applications. We believe Dr. Wladyslaw (Wladek) Walukiewicz and his team at Berkeley Lab have invented a breakthrough scientific discovery that accelerates the concept of full spectrum solutions in the global photovoltaic markets."

"We believe this technology is highly innovative and we look forward to a successful commercialization going forward," said Seth B. Rosen, Senior Licensing Associate of Berkeley Lab.

RoseStreet Labs, LLC, is a supplier of products and services for wireless infrastructure in the life sciences, renewable energy and homeland security markets.

Berkeley Lab is a U.S. Department of Energy national laboratory located in Berkeley, California. It conducts unclassified scientific research and is managed by the University of California. Visit the Lab website at http://www.lbl.gov.

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