

NEWS RELEASE

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RSI Silicon Introduces Clean and Renewable Process For Refining Super-High-Grade Silicon for Solar Cells

EASTON, Penn., March 24, 2011 – RSI Silicon Products LLC, an energy materials company that provides solar-grade silicon at 33 percent of product cost, announced that it has overcome one of the major hurdles slowing expansion of the solar energy industry – the cost to manufacture solar cells – by developing a new, low-cost way to produce solar-grade silicon that uses renewable feedstocks.

The proprietary source of carbon and processes that RSI Silicon employ mean that the capital investment it requires is only one-tenth as costly as the industry standard 'Siemens method.' RSI Silicon's production cost also is significantly lower than the industry standard. Finally, RSI Silicon's production method uses less than one-eighth as much energy as the usual production process and thus has a far smaller carbon footprint.

RSI Silicon's proprietary process for refining silicon involved several industry firsts, according to company founder and technology inventor Steve Amendola. "Our process achieved particular success removing

boron and phosphorus and attaining extremely high levels of silicon purity," he noted.

"Silicon buyers are responding very enthusiastically to RSI Silicon's product," Amendola added, "not only because of its purity, but because this silicon has been refined using a clean and renewable process."

RSI Silicon recently raised additional capital to activate its existing 1,000-ton-capacity furnace in Easton, Penn., where it will start producing 500 metric tons of solar grade silicon in the second half of 2011. The company plans to refine an additional 500 tons in the first half of 2012.

While RSI Silicon can expand its Easton facility's processing capacity to 6,000 metric tons, it is also seeking another location where it can significantly ramp up production to meet projected demand, Amendola stated.

He added that RSI is in talks with silicon buyers around the globe to reserve and expand the company's silicon processing capacity.

[About RSI Silicon](#)

RSI Silicon Products LLC (www.rsi-silicon.com) has developed a proprietary process to manufacture solar grade silicon with a purity of 99.9999+ percent. The manufacturing process has been in commercial use for more than fifty years.

Recognizing that the processing of solar-grade energy was too dependent on the expensive Siemens Process Methodology, the founders of RSI Silicon decided to rewrite the way solar-grade silicon is made. Now, using proven processes from other industries, RSI Silicon's innovative methodology will help energy producers around the world achieve their renewable energy goals by making solar energy truly affordable.

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