

Originally published June 7 2008

[Solar's Surging Market](#)

Revolutionary Solar Panel
Technology Hits Market: Free
Report

www.GreenChipStocks.com/Solar_f

[20% Return Bonds](#)

Initial Offer Of Shares & Bonds In
Our New Solar Technology
Company

www.AzureEnergy.com.au/pse

[Free Aussie Energy Report](#)

Free Report With 5 Aussie Energy
& Uranium Shares Set to Soar in
2008

www.DailyReckoning.com.au

[Modern Solar](#)

Let Modern Take Care Of The Red
Tape And Learn About The \$8K
Rebate

www.ModernSolar.com.au



Nanosolar Price Barrier Breakthrough Makes Solar Electricity Cheaper Than Coal

by David Gutierrez

(NaturalNews) A new combination of nano and solar technology has made it possible for solar electric generation to be cheaper than burning coal. Nanosolar, Inc. has developed a way to produce a type of ink that absorbs solar radiation and converts into electric current. Photovoltaic (PV) sheets are produced by a machine similar to a printing press, which rolls out the PV ink onto sheets approximately the width of aluminum foil. These PV sheets can be produced at a rate of hundreds of feet per minute.

"It's 100 times thinner than existing [solar panels](#), and we can deposit the semiconductors 100 times faster," said Nanosolar's cofounder and chief executive officer, R. Martin Roscheisen. "It's a combination that drives down costs dramatically."

Because of their light weight and flexibility, the PV sheets (dubbed PowerSheets) are much more versatile than current PV panels, which must be mounted on sturdy surfaces like roofs or the ground. In addition, because there is no silicon used in the production of the sheets, they cost only 30 cents per watt of power produced.

Traditional PV cells cost approximately \$3 per watt, while burning [coal](#) costs about \$1 per watt.

"This is the first time that we can actually drop the cost of solar [electricity](#) down to a level that would be competitive with grid electricity in most industrialized nations," said Nanosolar co-founder Brian Sager.

Nanosolar is ramping up production of its PowerSheets at factories in San Jose, California, and Berlin, and expects to have them commercially available before the end of the year. The buzz around the PowerSheets is so strong that the company already has a three to five year backorder, and the company has raised more than \$150 million from venture capitalists, including Google cofounders Larry Page and Sergey Brin.

"Solar panels have not been very popular to the American people because they've been too expensive. That's what we're changing now," Roscheisen said.

[Solar systems from \\$3995](#)

Solar Systems Fully Installed,
BCSE Accredited, Good quality, low
prices
www.jlelectrics.com.au

[Wind Turbines, Hybrid Reg](#)

Hybrid Domestic Wind/Solar Power
Regulators, Inverters, Solar Power
store.auctiva.com/hybrid-regulator:

[Solar Hot Water Service](#)

No Upfront Costs. Pay a \$1 a day.
Online quote and buy. 1300 884
783
www.EarthUtility.com.au

[Invertech Australia](#)

Modified & True Sine Wave
Inverters Power Supplies & Solar
Equipment
www.invertech.com.au



All content posted on this site is commentary or opinion and is protected under Free Speech. Truth Publishing LLC takes sole responsibility for all content. Truth Publishing sells no hard products and earns no money from the recommendation of products. NaturalNews.com is presented for educational and commentary purposes only and should not be construed as professional advice from any licensed practitioner. Truth Publishing assumes no responsibility for the use or misuse of this material. For the full terms of usage of this material, visit www.NaturalNews.com/terms.shtml