

# NETWORKED SOLAR

The Convergence Of Smart Grid and PV



January 25-26 2011  
Jersey City, New Jersey

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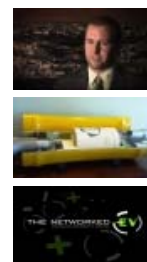
Rooftops, Empty Lots, or the Desert: Where Does the Future of Solar Lie?



Intel Curse Strikes Again: SpectraWatt Swirling Down Toilet



Mixed Greens: \$74 Million for Fuel Cells, Sharp Goes to D.C., and Silver Spring Gets Gassy



## NETWORKED SOLAR

The Convergence Of Smart Grid and PV

Networked Solar  
January 25 – 26, 2011  
Jersey City, NJ

GTM WEBINAR

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PV Technology, Production, and Cost Outlook: 2010-2015  
Wednesday, January 5, 2011  
2:00 pm EST/11:00 am PST

NEWS | TRANSPORTATION  
ERIC WESOFF: DECEMBER 27, 2010

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## EV Pioneer Tesla Stock Down on Threat of Insider Sell-Off

As of today, insiders are free to sell up to 75 million shares of the EV stock.



Tesla Motors' (TSLA) stock is down 15 percent as of 2 PM ET to \$25.45.

The stock of the pioneering electric vehicle firm is tumbling because the market risks being flooded with some of the 75 million shares that insiders are now free to sell. The 180-day post IPO lock up expires today according to this 10-Q filing. As the filing states, "The market price of our common stock could decline as a result of sales of a large number of shares of... Read More >

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MICHAEL KANELLOS: DECEMBER 27, 2010

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## Ethanol and Electricity From the Same Source

Garbage is gold, says Ineos Bio.



Greentech Media's 2011 Solar Summit  
March 14 – 15, 2011  
Palm Springs, California



Here's a way to make ethanol pay.

Ineos Bio, which emerged from research that began at the University of Arkansas in the 1980s, is fine-tuning the critical operations on a plant in Florida that, ideally, will produce liquid fuel and electricity from vegetative waste.

The plant, which could open in the first half of 2012—, ill be capable of generating 8 million gallons of fuel a year and 6 megawatts of electricity. Only 4 megawatts are... [Read More >](#)

COMPANY PROFILE | FINANCE & VC  
ERIC WESOFF: DECEMBER 27, 2010

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## Greentech Investor Focus: The Westly Group

Why is this man smiling? Three of this investor's portfolio firms listed on the Nasdaq in 2010.



Most venture capital firms, greentech or otherwise, claim that they "roll up their sleeves" and provide value-adding services for their startup portfolio firms. I'm sure that the majority of VC investors genuinely aim to do that.

But, in reality, investors are stretched thin on time and resources and it's really up to the entrepreneur to execute on the business plan, maneuver through the market and reach

decision makers and... [Read More >](#)

### Chatterbox

Bloom Energy provides a ten year warranty on their units. Additionally,... says eric wesoff about Year-End Reflections on the Fuel Cell Industry in 2010

Actually is it practical or only theoretical to compare long... says pm about Guest Post: The Visibility and Invisibility of Cleantech in 2011

Thank you for providing us with your review. I would very much... says robin norris about Year-End Reflections on the Fuel Cell Industry in 2010

MHD, "THE MAGIC BULLET FOR SOLAR ENERGY" The World's Most Efficient... says tom kay about More Bad News for Stirling: So. Cal. Edison Cancels Power Purchase Agreement

What is the price of a forward contract for 20 year natural gas?... says pm about Guest Post: The Visibility and Invisibility of Cleantech in 2011

I've been following SHEC labs for years and saw recently they... says mark r about More Bad News for Stirling: So. Cal. Edison Cancels Power Purchase Agreement

Ski - I agree with a lot of what you say and appreciate this... says eric wesoff about Year-End Reflections on the Fuel Cell Industry in 2010

Fuel cells have had a rough ride, that's for sure. At least you... says ski milburn about Year-End Reflections on the Fuel Cell Industry in 2010

Barry, this is absolutely correct. The cost of transmission lines... says juliette anthony

Does anyone know what happened to Ballard Powers automobile division?... says

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**PV Technology, Production and Cost Outlook : 2010 - 2015**

This report explores the competitive environment of the global PV supply chain and includes PV technology parameters, panel cost and pricing forecasts, facility- and manufacturer-specific capacities/production data as well as analysis of market dynamics and competitive positioning.

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peterjhebert More Natural Gas/Efficiency Now, More Renewables Later <http://bit.ly/eZh66v> (via @mikekanellos) #natgas #cleantech

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RESEARCH & ANALYSIS | BATTERIES & STORAGE

ERIC WESOFF: DECEMBER 27, 2010



## Year-End Reflections on the Fuel Cell Industry in 2010

We update the list of profitable and unprofitable fuel cell firms. Bloom Energy is not yet on the profitable list.



In 2010, the Bloom Energy fuel cell, powered by natural gas, \$400 million in cash from Kleiner Perkins Caufield & Byers and a *60 Minutes* piece sucked most of the air out of the fuel cell market space, column-inch wise.

Natural gas fuels the Bloom Box with low-carbon emissions and efficiencies in the range of a natural gas genset. After incentives, Bloom claims its server generates power for 9 cents

to 11 cents a kilowatt hour, a calculation... [Read More >](#)

PERSPECTIVES | DEMAND RESPONSE

KATHERINE TWEED: DECEMBER 27, 2010



## The Year in Demand Response

2010 saw the arrival of demand response 2.0.



Demand response, or demand management, whichever un-sexy term you prefer, continues to grow by leaps and bounds. This year offered sweltering temperatures to drive load shedding during summer, as well as mergers and acquisitions that show the increasing value of DR-related services. Technology is also allowing for demand services to be automated, and to go far beyond the HVAC system. Here are some of the biggest stories to go down in DR in... [Read](#)

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HERMAN K. TRABISH: DECEMBER 24, 2010



## Federal Regulators Approve 100 Percent Cost Sharing for New Transmission

Renewables' future brightens with decision that the cost of vital new wires must be paid by all beneficiaries.

A just-announced decision by federal regulators stating that all

## The Year in Demand Response



2010 saw the arrival of demand response 2.0.

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Film Review: Who Killed Electric Car II Interesting, But...





parties who benefit from new transmission in the Midwest must share in the cost of building it may go a long way toward determining the future of renewables.

The Federal Energy Regulatory Commission (FERC) decision defines MultiValue Projects (MVPs) as wires having a regional impact and wide-ranging public benefits. It approves

the Midwest Independent System Operator (MISO)... [Read More >](#)

NEWS | PROJECTS

MICHAEL KANELLOS: DECEMBER 23, 2010

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## More Bad News for Stirling: So. Cal. Edison Cancels Power Purchase Agreement

How long will it go on?



Stirling Energy and Tessera Solar, which had hoped to build over a gigawatt of capacity in California, got some more bad news today.

Southern California Edison cancelled the agreement to purchase power from the proposed Calico solar thermal plant, which was supposed to have created 663 megawatts of power.

Stirling, which has created a mirrored dish combined with a Stirling engine that can generate 25 kilowatts of power, and Tessera, its... [Read More >](#)

PERSPECTIVES | TOP 10

WAL VAN LIEROP: DECEMBER 23, 2010

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## Guest Post: The Visibility and Invisibility of Cleantech in 2011

Eleven cleantech predictions for 2011 from Chrysalix Energy Venture Capital CEO Wal van Lierop.



Cleantech... [Read More >](#)

2011 is almost upon us, and beyond being reminded that I'm another year older with a few more grey hairs, I'm anticipating another strong year for cleantech ahead. But my specific opinions stemming from ten years in cleantech investing may be different from many, so I'd like to present you with my "Top 11 List" and outline how I believe the industry will evolve within the next 12 months.

• **CLEANTECH WILL BECOME MORE VISIBLE.**

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MICHAEL KANELLOS: DECEMBER 23, 2010

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## Art Rosenfeld on the Future of Green Tech

He likes solar thermal water heaters, but has questions about the cost of

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ET Solar Signs 370MW Solar Cell Procurement Agreement with Neo Solar: December 27, 2010

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Yingli Green Energy Announces Redemption of Its Zero Coupon Convertible Senior Notes Due 2012: December 27, 2010

SunPower Completes Sale of 44-Megawatt Montalto di Castro Solar Park: December 26, 2010

WESTERN WIND REPURCHASE OF SHARES: December 23, 2010



CLEANTECH INVESTING

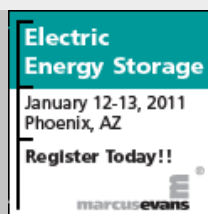
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"Throwing money", and a few random notes

Rob Day December 20, 2010, 4:52pm

It's "put up or shut up" time

Rob Day December 17, 2010, 9:57am

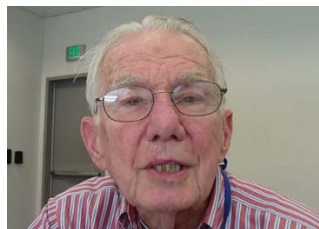


COMPANY PROFILE

Greentech Investor Focus: The Westly Group

Why is this man smiling? Three of this

nuclear and solar panels.



In China, you want to live on one of the top four floors of a building.

Many Chinese high rises put solar hot water heaters on top of their roofs and provide free hot water to tenants, according to Art Rosenfeld, the former California Energy Commissioner who is often described as the father of energy efficiency. However, the heaters generally only supply enough hot water for the top four floors, forcing everyone else to use gas or... [Read More >](#)



investor's portfolio firms listed on the Nasdaq in 2010.

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RESEARCH & ANALYSIS | UTILITY-SCALE-SOLAR

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## Rooftops, Empty Lots, or the Desert: Where Does the Future of Solar Lie?

How many variables can you stack on the head of a pin?



Since Edison's day, we have been generating electricity in basically the same way: by using massive, centralized power plants.

Along the way, utilities have become enormous entities with thousands of employees and billions of dollars in revenue. Many of them are public companies that pay generous and reliable dividends, making them a favorite investment for grandmothers everywhere.

grandmothers everywhere.

But the model now faces two distinct challenges. First, a... [Read More >](#)

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