

## NCPV Hotline — Week of March 16-20, 2009

### Weekly News Items

Some of the following news items are available as Adobe Acrobat PDFs. [Download Adobe Reader](#).

The National Center for Photovoltaics (NCPV), the National Renewable Energy Laboratory's (NREL's) center for PV research maintains an international communications system called the NCPV Hotline. The Hotline increases knowledge and awareness of PV industry and research happenings. Hotline participants receive important news items via email related to PV activities around the world. The contents have been relatively uncensored, because we depend on the good judgment of the contributors to separate fact from rumor.

#### (Links may expire)

Current and archived NCPV Hotline issues <link to [http://www.nrel.gov/pv/news\\_hotline.html](http://www.nrel.gov/pv/news_hotline.html)>

Disclaimer <link to [http://www.nrel.gov/pv/hotline/news\\_hotline\\_disclaimer.html](http://www.nrel.gov/pv/hotline/news_hotline_disclaimer.html)>

Subscribe/Unsubscribe: Email name, organization, and e-mail address to [Carol Riordan](mailto:Carol.Riordan@nrel.gov) <<mailto:Carol.Riordan@nrel.gov>> at NREL

### 3-16-09 ATERSA Results

ATERSA, a subsidiary of Elecnor, provided results for 2008. Press at PV Tech: [http://www.pv-tech.org/news/a/atersa\\_still\\_strong\\_in\\_the\\_photovoltaic\\_market/](http://www.pv-tech.org/news/a/atersa_still_strong_in_the_photovoltaic_market/) or <http://tinyurl.com/ckh3bb>  
ATERSA: <http://www.atersa.com/>  
Elecnor: <http://www.elecnor.es/>

### 3-16-09 PG&E 2-MW Solar Panel Project

PG&E said it is starting work on a 2-MW solar panel project as part of a 250-MW (of a 500-MW) program and is looking to buy solar panels for the project. Press at: <http://tinyurl.com/avww63>  
<http://sacramento.bizjournals.com/sacramento/stories/2009/03/09/daily72.html> or  
<http://tinyurl.com/cawdhm>  
<http://tinyurl.com/c98svz>  
<http://www.cleantech.com/news/4266/pge-opens-bidding-500-mw-solar-prog> or <http://tinyurl.com/afpmfr>  
<http://www.next100.com/2009/03/pge-moves-on-pilot-solar-pv-pr.php> or <http://tinyurl.com/d4th65>

### 3-16-09 SunPower Expansion in Philippines

According to this press, SunPower Corp. is negotiating with the International Finance Corp. for a loan of up to \$75 million to expand a solar cell factory in the Philippines.  
Press at Greentech Media: <http://tinyurl.com/bjj8wp>  
SunPower: <http://sunpowercorp.com/>  
IFC: <http://www.ifc.org/>

### 3-16-09 GreenVolts Agreement with NREL

GreenVolts announced that it has entered into a development relationship with the National Renewable Energy Laboratory to commercialize the Inverted Metamorphic advanced multi-junction solar cell design.  
Press at: <http://finance.yahoo.com/news/GreenVolts-and-US-Department-iw-14647322.html> or  
<http://tinyurl.com/clzjfl>  
GreenVolts: <http://www.greenvolts.com/>

### 3-16-09 World PV Market Report

World PV market installations reached a record high of 5.95 GW in 2008, representing growth of 110% over the previous year according to the annual PV market report issued by Solarbuzz LLC. More about the report in the press at: <http://www.solarbuzz.com/News/NewsNACO897.htm>  
Marketbuzz(TM) 2009: <http://www.solarbuzz.com/Marketbuzz2009-intro.htm>  
Additional press: <http://tinyurl.com/cwowmg>  
<http://tinyurl.com/d2vv7m>

### **3-16-09 Gartner Outlook on PV**

See the story "Gartner sees solar PV poised for long-term growth" at:  
[http://www.eetimesupplynetwork.com/215900304?cid=RSSfeed\\_eetsn\\_eetsnRSS](http://www.eetimesupplynetwork.com/215900304?cid=RSSfeed_eetsn_eetsnRSS) or  
<http://tinyurl.com/c3szrz>  
Coverage at PV Tech: <http://tinyurl.com/cxca8w>  
Gartner: <http://www.gartner.com/>

### **3-16-09 Silicon Price Index**

PHOTON Consulting announced that its proprietary Silicon Price Index is now available on the BLOOMBERG PROFESSIONAL(R) service.  
Press at: <http://tinyurl.com/catgy6>  
Silicon Price Index: <http://www.siliconpriceindex.com/>  
PHOTON Consulting: <http://www.photonconsulting.com/>  
[http://www.photonconsulting.com/about\\_us.php](http://www.photonconsulting.com/about_us.php)

### **3-16-09 More on BP Solar PV for LIPA**

According to this press, BP Solar confirmed that the company has been selected to enter into negotiations with the Long Island Power Authority to provide close to 37 MW of PV power on the grounds of the U.S. Department of Energy's Brookhaven National Laboratory. Press at RenewableEnergyWorld: <http://tinyurl.com/cu3s6r>  
PV Tech: <http://tinyurl.com/cvbf5x>  
BP Solar: <http://www.bp.com/genericcountryjump.do?categoryId=9070&contentId=7038143> or  
<http://tinyurl.com/yvmcvm>  
February press: [http://www.bnl.gov/bnlweb/pubaf/pr/PR\\_display.asp?prID=918](http://www.bnl.gov/bnlweb/pubaf/pr/PR_display.asp?prID=918) or <http://tinyurl.com/bfzzxu>  
LIPA: [http://www.liipower.org/newscenter/pr/2009/022709\\_gov.html](http://www.liipower.org/newscenter/pr/2009/022709_gov.html) or <http://tinyurl.com/8kh49g>

### **3-16-09 Solar Farm, Jacksonville, Florida**

JEA has revealed plans for a 100-acre solar farm.  
Press at: [http://www.jacksonville.com/news/metro/2009-03-14/story/jea\\_plans\\_powerful\\_solar\\_farm](http://www.jacksonville.com/news/metro/2009-03-14/story/jea_plans_powerful_solar_farm) or  
<http://tinyurl.com/dyvzmt>  
JEA: <http://www.jea.com/about/news/index.asp>

### **3-16-09 Entech Solar Capital**

Entech Solar said the company intends to effect a \$3 million common stock rights offering to raise equity capital for general corporate and working capital purposes.  
Press at: <http://tinyurl.com/bvynyf>  
Entech Solar: <http://www.entechsolar.com/>

### **3-16-09 Applied Materials New Wire Saw**

Applied Materials, Inc. introduced its Applied HCT MaxEdge(TM) wire saw, a new platform for slicing ingots into ultra-thin wafers.  
Press at: <http://www.rttnews.com/ArticleView.aspx?id=882797&SMap=1>  
Applied Materials: <http://tinyurl.com/d3vsp6>

### **3-16-09 AVA Solar New Brand Name, Abound Solar**

AVA Solar has unveiled its new brand name, Abound Solar.  
Press at: [http://www.solarindustrymag.com/e107\\_plugins/content/content\\_lt.php?content.2720](http://www.solarindustrymag.com/e107_plugins/content/content_lt.php?content.2720) or  
<http://tinyurl.com/d5zhf6>  
[http://www.denverpost.com/business/ci\\_11921846](http://www.denverpost.com/business/ci_11921846)  
AVA Solar: <http://www.avasolar.com/>  
Abound Solar: <http://www.aboundsolar.com/>  
<http://abound.monigle2.net/Content.asp?cid=24>

### **3-16-09 Solar Research at University of NSW**

Research to be performed at the University of New South Wales' new Solar Industrial Research Facility will focus on applying Australian research on new production techniques to commercial production.

Press at: <http://www.smh.com.au/environment/unis-solar-panel-captures-more-light-20090315-8z1q.html> or <http://tinyurl.com/bx8afu>

University of NSW: <http://tinyurl.com/chd88g>

### **3-16-09 Japanese Lending for Solar Power Systems**

Japan will lend \$5 billion to developing nations to put in place running water, solar power systems, and other environmental infrastructure.

Press at: <http://uk.reuters.com/article/environmentNews/idUKTRE52D0B520090314> or <http://tinyurl.com/ddagsq>

### **3-16-09 Multifunctional Solar Systems**

A co-founder and former CEO of Ausra has formed a new company – Chromasun – that hopes to capitalize on the growing market for multifunctional solar systems that harvest both light and heat from the sun. More on the device at Greentech Media: <http://tinyurl.com/cg743w>

### **3-16-09 Update on Solar Measure B, Los Angeles**

According to this press, the Los Angeles City Clerk's election division will announced the final vote count for the March 3 election on March 19. More on the solar ballot measure at PV Tech:

<http://tinyurl.com/cwl3qc>

### **3-16-09 Dow Corning Solar Cell Science and Technology Manager**

Dow Corning has named Dr. Guy Beaucarne as Solar Cell Science and Technology Manager for its Solar Market Business Unit. He will be based at the company's European headquarters in Belgium.

Press at: [http://www.chemie.de/news/e/98305/?WT.mc\\_id=ca0066](http://www.chemie.de/news/e/98305/?WT.mc_id=ca0066)

### **3-16-09 Photovoltaics World Postings**

See new postings at Photovoltaics World, "Minimization of light reflected in photovoltaic modules" and "Full-surface lamination technology for large-scale solar module encapsulation", at:

<http://www.pvworld.com/index.html>

### **3-16-09 Inverters for North American Installations**

Power-One, Inc. announced the availability of three new series in its Aurora(R) family of renewable energy inverters for North American installations.

Press at: <http://www.power-one.com/investor/pressreleases/pr031209.pdf>

Power-One: <http://www.power-one.com/>

### **3-16-09 CPV Summit**

The 2nd Concentrated Photovoltaic Summit is set for 28-29 April, with the ISFOC visit on the 30th, Toledo, Spain. Information at: <http://www.cpvtoday.com/eu09/>

<http://www.cpvtoday.com/eu09/visit.shtml>

### **3-16-09 SEPA Phone Seminar**

SEPA is hosting a phone seminar on "German Solar Markets – How Does the United States Solar Market Compare?" on 19 March. Information at: <http://www.solarelectricpower.org/index.php?page=sepaevents>

### **3-16-09 Maldives Carbon Neutral in a Decade**

The Maldives will shift entirely to renewable energy over the next decade to become a carbon-neutral nation and fight climate change said the president.

Press at Reuters: <http://www.reuters.com/article/latestCrisis/idUSCOL471188>

### **3-16-09 Physics of Solar Cells**

Research and Markets announced the addition of John Wiley and Sons Ltd's "Physics of Solar Cells: From Basic Principles to Advanced Concepts" to its offering. Press at: <http://tinyurl.com/d3jo69>  
Research and Markets: [http://www.researchandmarkets.com/research/ce1cfb/physics\\_of\\_solar\\_c](http://www.researchandmarkets.com/research/ce1cfb/physics_of_solar_c) and <http://tinyurl.com/c72u2l>

**In related solar news...**

### **3-16-09 Alanod Solar Cumulative Shipments**

Alanod Solar has now shipped more than one hundred million square feet of solar absorptive surfaces worldwide. Press at: <http://www.marketwire.com/press-release/Alanod-Solar-961440.html>  
Alanod Solar: <http://www.alanod-solar.com/>

### **3-17-09 Canadian Solar Results**

Canadian Solar Inc. reported its unaudited US GAAP financial information for the fourth quarter and year ended 31 December. Press at: <http://tinyurl.com/cu9khz>  
Canadian Solar: <http://www.csisolar.com/>

### **3-17-09 Day4 Energy Results**

Day4 Energy Inc. reported operating results for the fourth quarter and fiscal year 2008.  
Press at: <http://www.day4energy.com/news.htm>  
<http://www.day4energy.com/>

### **3-17-09 Energy Conversion Devices Updated Outlook, Developments**

Energy Conversion Devices, Inc. updated its outlook and announced developments and plans.  
Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO899.htm> and <http://tinyurl.com/cke29h>  
ECD Ovonic: <http://www.ovonic.com/>

### **3-17-09 Solar Energy Initiatives Results**

Solar Energy Initiatives, Inc. announced revenues for the second quarter.  
Press at: <http://tinyurl.com/c7epks>  
<http://solarenergy.ir.stockpr.com/company-news>  
<http://www.solarenergy.com/>

### **3-17-09 Entech Solar Results**

Entech Solar announced its financial results for the 3 and 12 months ended 31 December.  
Press at: <http://www.entechsolar.com/press-releases-details.php?id=130> or <http://tinyurl.com/cosesx>

### **3-17-09 Perfectenergy Results**

Perfectenergy International Ltd. announced financial results for the first fiscal quarter ended 31 January.  
Press at: <http://finance.yahoo.com/news/Perfectenergy-International-pz-14662142.html> or <http://tinyurl.com/chw7as>  
Perfectenergy: <http://www.perfectenergy.cn/>

### **3-17-09 Crystalline Silicon Solar Cell Capacity Expansion, Taiwan**

According to press at DigiTimes, four Taiwan-based makers of crystalline silicon solar cells plan to expand their annual production capacities in 2009. Press at: <http://tinyurl.com/ch3gga>

### **3-17-09 ENN Solar Energy Thin-film PV Panels**

ENN Solar Energy Co. Ltd. in China says it has produced 5.7 m2 high-efficiency tandem-junction thin-film PV panels using a SunFab(TM) Thin Film Line, rated at 60 MW per year, supplied by Applied Materials.  
Press at: <http://tinyurl.com/cx5d57> and <http://tinyurl.com/dfjx3o>  
ENN Solar Energy: <http://www.ennsolar.com/>  
Applied Materials: <http://www.appliedmaterials.com/>  
<http://tinyurl.com/csc4hy>

### **3-17-09 China Sunergy Framework Agreement with asola**

China Sunergy Co., Ltd. announced that it has entered into a 10-year Sales Framework Agreement with asola Advanced and Automotive Solar Systems GmbH, which outlines the potential delivery of up to 480 MW of solar cells manufactured by China Sunergy from 2009 to 2018.

Press at: <http://finance.yahoo.com/news/China-Sunergy-Signs-10-Year-prnews-14662718.html> or <http://tinyurl.com/dejbhx>

China Sunergy: [http://www.chinasunergy.com/home/home\\_eng.asp](http://www.chinasunergy.com/home/home_eng.asp)

asola: <http://www.asola-power.com/>

### **3-17-09 NanoGram Technology Agreement with Teijin Limited**

NanoGram Corporation announced that it has entered into a technology development agreement with Teijin Limited to further develop NanoGram's printed silicon ink.

Press at: <http://tinyurl.com/d32dcv>

NanoGram: <http://www.nanogram.com/home/>

Teijin: <http://www.teijin.co.jp/english/index.html>

### **3-17-09 Lonestar Capital Letter of Intent to Acquire Solar Self Help**

Lonestar Capital Corporation has signed a Letter of Intent to acquire Solar Self Help, Inc. dba Light Energy Systems of Concord, California. Lonestar's business plan is focused on the consolidation and growth of renewable energy companies, primarily in the US solar market.

Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO898.htm>

Lonestar Capital Corp.: <http://www.lonestarcapitalcorp.com/index.htm>

### **3-17-09 PV Activities in Japan and Global PV Highlights [RTS Corporation]**

The March 2009 issue of "PV Activities in Japan and Global PV Highlights" is available [by subscription] with coverage of PV highlights in Japan (announcement of a new support scheme for power purchase; production capacity of PV industry in Japan), global trends of silicon feedstock, PV Expo 2009, monthly photo gallery, topics from Japan, and topics from the world.

Information at: [http://www.rts-pv.com/e\\_publications.html](http://www.rts-pv.com/e_publications.html)

### **3-17-09 Japanese PV Power**

See the story "Japanese PV Power: New Support Framework Boosts the PV Market" by Izumi Kaizuka and Osamu Ikki, RTS Corporation, at RenewableEnergyWorld: <http://tinyurl.com/daue9u>

See also "Japan govt plans equipping public offices with solar panels" at: <http://tinyurl.com/chf28k>

### **3-17-09 Bids to Build 10-MW Solar Power Station, China**

Fifty companies have bid to build a 10-MW PV power station in Dunhuang, Gansu province.

Press at: <http://tinyurl.com/csw28o>

### **3-17-09 Xcel Energy Solar Incentives for New Mexico**

Electric customers of Xcel Energy in New Mexico can apply for Solar\*Rewards incentives on small and medium PV generating systems installed on their homes and businesses.

Press at: <http://www.newschannel10.com/Global/story.asp?S=10014561>

Solar\*Rewards:

[http://www.xcelenergy.com/Residential/RenewableEnergy/Solar\\_Rewards/Pages/home.aspx](http://www.xcelenergy.com/Residential/RenewableEnergy/Solar_Rewards/Pages/home.aspx) or

<http://tinyurl.com/cxpjc6>

### **3-17-09 Nanomaterials for More Efficient Solar Cells Project**

A new EU-funded project called ROD-SOL (All-inorganic nano-rod based thin-film solar cells on glass) is a 3-year, 4-million EUR project with aim of developing new, more cost-effective nanomaterials for solar cells. Press at: <http://tinyurl.com/b5qtvn>

### **3-17-09 Solar Stocks, Boom and Bust, Perspective**

See the story "Solar Stocks: Factoring in the Boom & Bust Cycle of the Market" by J. Peter Lynch, at RenewableEnergyWorld: <http://tinyurl.com/cws88z>

### **3-17-09 Camstar Solar Webinar**

Camstar Systems, Inc. announced that it will host a solar industry Webinar titled "Collaborate on Product Quality to Win the Low Cost per Watt Battle" on 26 March. Information at: <http://tinyurl.com/c97jed>  
<http://www.camstar.info/march26webinar>

### **3-17-09 Utility-scale Renewable Energy Integration**

See the story "More Companies Focus on Utility-scale Renewable Energy Integration" at RenewableEnergyWorld: <http://tinyurl.com/dgd6l5>

### **3-17-09 SEMICON China 2009**

SEMICON China 2009 is taking place in Shanghai from 17-19 March, with more than 800 exhibitors including more than 250 participants from across the PV manufacturing supply chain. Press at DigiTimes: <http://www.digitimes.com/news/a20090317PR203.htm>  
SEMICON China 2009: <http://semiconchina.semi.org/scchina2008-en/index.htm>

### **3-17-09 Clean Energy Investments Forum**

The Clean Energy Investments Forum 2009 is set for 20-21 April in Houston, Texas. Information at: <http://www.environmental-finance.com/conferences/2009/CEIF09/programme.htm> or <http://tinyurl.com/cfcrgo>

### **3-17-09 SolarDay 2009**

The first annual SolarDay will be held on 21 June to educate the public about the benefits of solar energy and solar installations in local areas. Press at: <http://www.eponline.com/articles/71237/>  
SolarDay 2009: <http://www.solarday.com/>

### **In related solar news...**

#### **3-17-09 CSP Today Articles**

See several new postings of articles at CSP Today covering EPRI solar studies, Solar Millennium plans, data for hybrid power plants in California, and others at: <http://social.csptoday.com/node>

#### **3-18-09 Recurrent Energy Purchase of Solar Project Pipeline**

Recurrent Energy announced the purchase of a solar project pipeline of up to 350 MW from UPC Solar. Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO904.htm>  
RenewableEnergyWorld: <http://tinyurl.com/cltczu>  
SFGate: <http://tinyurl.com/dbouyb>  
Greentech Media: <http://tinyurl.com/c2hy8z> and <http://finance.yahoo.com/news/Recurrent-Energy-Acquires-350-bw-14675345.html> or <http://tinyurl.com/d68wfg>  
Recurrent Energy: <http://www.recurrentenergy.com/>  
UPC Solar: <http://www.upcsolar.com/>

#### **3-18-09 Sencera Thin-film Silicon Solar Cell, Equity Funding**

Sencera, a manufacturer of thin film silicon based PV modules, has successfully deposited single-junction silicon solar cells with an initial 8.7% conversion efficiency under standard test conditions. The company has secured the final \$5.2 million of a \$15.6 million investment from the California based lead investor Quercus Trust. Press at: <http://tinyurl.com/cla672>  
Sencera: <http://www.sencera.com/>

#### **3-18-09 China Sunergy Letter of Intent with SolarMax Technology**

China Sunergy signed a letter of intent with SolarMax Technology for China Sunergy to supply 25 MW of solar cells to SolarMax throughout 2009. Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO905.htm>  
PV Tech: <http://tinyurl.com/cw27gl>  
China Sunergy: <http://www.chinasunergy.com/>  
SolarMax Technology: <http://www.solarmaxtech.com/>

### **3-18-09 Phoenix Solar Preliminary Figures**

Phoenix Solar released preliminary figures for the financial year 2008. Press at Solarbuzz:

<http://www.solarbuzz.com/News/NewsEUCO737.htm>

PV Tech: <http://tinyurl.com/djp5tv>

Phoenix Solar: <http://www.phoenixsolar.com/Press/PressReleases/index.html>

<http://www.phoenixsolar.de/>

### **3-18-09 Timminco Limited Results**

Timminco Limited announced its financial results for the fourth quarter and fiscal year ended 31

December. Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO903.htm>

Timminco Limited: <http://www.timminco.com/>

### **3-18-09 Clear Skies Solar Strategic Project Finance Partnership with ZebaSolar**

Clear Skies Solar, Inc. announced the signing of an MOU with ZebaSolar, achieving a major milestone of financing its pipeline of multi-megawatt solar installations globally. Press at:

<http://finance.yahoo.com/news/Clear-Skies-Solar-Announces-prnews-14674489.html> or

<http://tinyurl.com/dbb9we>

Clear Skies Solar: <http://www.clearskiesgroup.com/>

ZebaSolar: <http://www.zebasolar.com/>

### **3-18-09 Worldwide Energy and Manufacturing \$52 Million Backlog**

Worldwide Energy and Manufacturing USA, Inc. announced that its solar division has a backlog of \$52 million in solar module contracts. Press at: <http://tinyurl.com/cnjqcu>

Worldwide: <http://www.wwmusa.com/>

### **3-18-09 AIG Financial Products Corp. Closing of Solar Park Transaction**

AIG Financial Products Corp. reported that it has closed the sale of its interests in three operating Spanish PV plants from its energy and infrastructure book. HG Capital acquired AIGFP's interests.

Press at: <http://finance.yahoo.com/news/AIG-Financial-Products-Corp-bw-14678656.html> or

<http://tinyurl.com/chxwxt>

### **3-18-09 Ascent Solar Grand Opening**

The grand opening for Ascent Solar's new headquarters and manufacturing facility in Thornton, Colorado, is set for 24 March. Information at: <http://finance.yahoo.com/news/Ascent-Solar-to-Open-World-bw-14673296.html> or <http://tinyurl.com/da45k6>

<http://tinyurl.com/d689g6>

Ascent Solar: <http://www.ascentsolar.com/index.php>

### **3-18-09 PV System at Colorado Convention Center**

A 300-kW solar power installation on the roof of the Colorado Convention Center by project developers Oak Leaf Energy Partners is being launched. MMA Renewable Ventures was the lead financier of the venture and owns the complex. Namaste Solar designed and installed the facility, SunPower made the solar panels, and Fat Spaniel provided the monitoring. Press at: <http://tinyurl.com/cfzhee>

<http://coloradoenergynews.com/2009/03/colorado-convention-center-gets-rooftop-solar-system/> or

<http://tinyurl.com/d94dlu>

Oak Leaf Energy Partners: <http://oakleafep.com/>

Namaste Solar: <http://www.namastesolar.com/index.htm>

MMA Renewable Ventures: <http://mmarenew.com/>

SunPower: <http://www.sunpowercorp.com/>

Fat Spaniel Monitoring: <http://www.msnbc.msn.com/id/29750983/>

<http://www.fatspaniel.com/>

### **3-18-09 DuPont PV Sales**

DuPont Co. said it expects to nearly triple its solar PV sales to more than \$1 billion in 2012. Press at:

<http://finance.yahoo.com/news/DuPont-says-photovoltaic-apf-14667058.html> or <http://tinyurl.com/cd8gmj>

PV Tech: <http://tinyurl.com/dcgc7u>

DuPont Press: <http://tinyurl.com/c4swth>

### **3-18-09 Support for Clean Energy, China**

Applied Materials announced that Chinese Vice Premier Li Keqiang toured the company's SunFab Solar Module Reliability Testing facility in Xi'an, China and met with company executives to discuss the future prospects for PV electricity in China. More in the press at: <http://finance.yahoo.com/news/China-Vice-Premier-bw-14667938.html> or <http://tinyurl.com/cyf58h> and <http://tinyurl.com/delvay>

Applied Materials: [http://www.appliedmaterials.com/assets/sunfab\\_module.html](http://www.appliedmaterials.com/assets/sunfab_module.html)  
<http://www.appliedmaterials.com/>

### **3-18-09 Agency Cooperation on Renewable Energy Permitting**

The U.S. Department of the Interior Secretary, Ken Salazar, and Acting Chairman of the Federal Energy Regulatory Commission, Jon Wellinghoff, announced that the two agencies have plans to work together to facilitate the permitting of renewable energy in offshore waters as well as on land. Story at Solarbuzz: <http://tinyurl.com/cswkty>

### **3-18-09 EERE Network News**

The latest issue of EERE Network News [Kevin Eber], with coverage of the appropriations act, DOE investment in weatherization and state energy grants, and other topics is on line at: <http://apps1.eere.energy.gov/news/enn.cfm>

### **3-18-09 Solar-powered Catamaran**

Swiss and German engineers are building a solar-powered catamaran that will try to circumnavigate the globe. Story at Greentech Media: <http://tinyurl.com/cq69od>  
Planet Solar: <http://www.planetsolar.org/>

### **3-18-09 ACORE, The US-China Program**

The American Council On Renewable Energy has launched a website to help U.S. companies connect with Chinese companies and institutions that are working to expand and finance renewable energy development projects in China. See the "ACORE, The US-China Program" website at: <http://www.acorechina.org/uscp/index.html>  
ACORE: <http://tinyurl.com/c9z8qh>

### **3-18-09 Solar America Board for Codes and Standards Events**

The events calendar for the Solar America Board for Codes and Standards is posted at: [http://www.solarabcs.org/index.php?option=com\\_events&Itemid=71](http://www.solarabcs.org/index.php?option=com_events&Itemid=71)

### **3-18-09 SEMI Foundation High Tech U**

The mission of the SEMI Foundation is to support education and career awareness in the fields of high tech. The upcoming events for the 2009 High Tech U programs and events are posted at: [http://www.semi.org/en/About/SEMIFoundation/ctr\\_026612](http://www.semi.org/en/About/SEMIFoundation/ctr_026612)

### **3-18-09 Cleantech Forum**

The Cleantech Forum(R) XXII is set for 28-30 in Copenhagen, Denmark. Information at: <http://cleantech.com/cleantechforum/copenhagen09/>

### **In related solar news...**

#### **3-18-09 BrightSource Project, Nevada**

Nevada developer Harvey Whittemore and BrightSource Energy, Inc. have reached an agreement on a solar-thermal project that could provide up to 600 MW of power for Whittemore's Coyote Springs development and other markets in Nevada and California. Stories at:

<http://finance.yahoo.com/news/Nevada-developer-solar-firm-apf-14669815.html> or  
<http://tinyurl.com/csml6y>  
<http://tinyurl.com/cm5b8x>

BrightSource Energy: <http://www.brightsourceenergy.com/>

### **3-18-09 CSP Markets and Strategies**

For information on Emerging Energy Research's "Global Concentrated Solar Power Markets & Strategies, 2009-2020, April 2009", go to: <http://tinyurl.com/arrg2a>

### **3-19-09 Evergreen Solar Partnership Agreement with RMT, Inc.**

Evergreen Solar, Inc. announced that it has entered into an agreement with RMT, Inc. under which the two companies will co-market to electric utilities and project developers of utility-scale solar power projects. Press at <http://finance.yahoo.com/news/Evergreen-Solar-Signs-bw-14689210.html> or <http://tinyurl.com/dnf223>

Evergreen Solar: <http://www.evergreensolar.com/app/en/investors/>

RMT: <http://www.rmtinc.com/public/index.html>

### **3-19-09 Soltec SOLLUZ 1-MW Plant, Spain**

Soltec Energias Renovables' latest PV plant, SOLLUZ, has recently started generating electricity in the municipality of Lorca (Murcia), Spain. The 1-MW PV plant comprises 94 dual-axis SOLTEC 10K Series solar trackers, with a total of 3,666 Suntech Power PV modules and 94 Soltec inverters. Press and photo at Solarbuzz: <http://www.solarbuzz.com/News/NewsEUPR588.htm>

Soltec: <http://www.soltec-renovables.com/>

### **3-19-09 Q-Cells Fiscal Year 2008**

Q-Cells confirmed figures for fiscal year 2008 and published its annual report. Press at:

<http://tinyurl.com/daerm4>

<http://finance.yahoo.com/news/Solar-panel-maker-QCells-2008-apf-14686727.html> or

<http://tinyurl.com/cedh2w>

### **3-19-09 Semiconductor Manufacturing International Corp. Plans**

According to this press, Semiconductor Manufacturing International Corp. plans to split off its solar cell and its chip packaging and testing units and list their shares in the not too distant future. Press at

Reuters: <http://www.reuters.com/article/newIssuesNews/idUSSHA6201720090319> or

<http://tinyurl.com/cpez4>

PV Tech: <http://tinyurl.com/c739sv>

SMIC: [http://www.smics.com/website/enVersion/About\\_SMIC/aboutUs.htm](http://www.smics.com/website/enVersion/About_SMIC/aboutUs.htm)

### **3-19-09 SANYO New Solar Panels**

SANYO Energy Corporation introduced the HIT Power(R) N Series of solar panels. Press at

RenewableEnergyWorld: <http://tinyurl.com/dg2r2u>

SANYO: <http://us.sanyo.com/Solar>

### **3-19-09 GreenVolts Solar Field**

Greentech Media provides an update on GreenVolts' plans for a 2-MW solar field in the article at:

<http://tinyurl.com/cqcj6f>

GreenVolts: <http://www.greenvolts.com/>

### **3-19-09 HelioSphera Technology**

See the story "IN-DEPTH: HelioSphera reposes faith in Micromorph technology" at Thin Film Today:

<http://social.thinfilmtoday.com/news/depth-heliosphera-reposes-faith-micromorph-technology> or

<http://tinyurl.com/ddy2tx>

HelioSphera: <http://www.heliosphera.com/company>

### **3-19-09 Zytech Expansion in China**

Zytech Solar has expanded and upgraded its manufacturing facilities at Zhuzhou High Technology Park, Qingdao, China. Story at CPV Today: <http://tinyurl.com/ckv8ul>

Zytech Solar: <http://www.zytech.es/index.asp>

<http://www.zytech.es/zytechiw.asp>

### **3-19-09 Covalent Solar Organic Solar Concentrator PV Technology**

Covalent Solar was set up last year to develop and commercialize Organic Solar Concentrator PV technology. According to CPV Today, Covalent Solar is in the news for hoping to sell panels within three years, per Popular Mechanics.

Press at: <http://tinyurl.com/cm62fy>

Covalent Solar: <http://www.covalentsolar.com/>

<http://www.popularmechanics.com/science/research/4306162.html> or <http://tinyurl.com/czm9xt>

### **3-19-09 Concentrator Optics Featured**

See coverage of Concentrator Optics GmbH at CPV Today: <http://tinyurl.com/c3j6c6>

Concentrator Optics: <http://www.concentratoroptics.com/index.php?id=4>

### **3-19-09 CPV for San Jose, California**

See the story "CPV may get a boost as San Jose explores solar technology" at CPV Today:

<http://tinyurl.com/cmj27s>

### **3-19-09 CIGS Equipment, Taiwan**

Taiwan-based NanWin Technology has unveiled turnkey equipment for the production of CIGS thin-film PV modules. Kenmec Mechanical Engineering and Gallant Precision Machining are also developing similar equipment solutions. Press at DigiTimes: <http://www.digitimes.com/news/a20090319PD202.html>

### **3-19-09 Taiwan Solar Investments**

Taiwan's Executive Yuan has proposed a 5-year budget of NT\$30 billion specifically for financially sponsoring renewable energy R&D projects, with a focus on the solar energy and LED industries. Press at: <http://www.digitimes.com/news/a20090318PD200.html>

### **3-19-09 Solar Power Partners Projects in the San Diego Area, California**

Solar Power Partners, Inc. announced that its recently completed solar systems in the San Diego area are in operation and generating power. The systems include an 878.22-kW system at the University of California at San Diego, a 357.32-kW system at Point Loma Nazarene University, and a 1.1-MW system at the Valley Center Water District. Press at: <http://tinyurl.com/dkgvxa>

Solar Power Partners: <http://www.solarpowerpartners.com/>

### **3-19-09 Forest Service PV in Ohio**

The U.S. Forest Service has awarded a contract worth nearly \$400,000 to add more than 250 solar panels to the roof of the Wayne National Forest headquarters in Ohio. The funding is part of the Federal stimulus package. Press at: <http://www.msnbc.msn.com/id/29738230/>

### **3-19-09 Konarka Technologies VP of Business Development [Tracy Wemett]**

Konarka Technologies, Inc. announced that Therese Jordan, Ph.D. has joined the company as vice president of business development. Press at: <http://tinyurl.com/d22qsj>

Konarka: <http://www.konarka.com/>

### **3-19-09 Renewable Distributed Energy Generation Study**

The cleantech market research firm Pike Research forecasts that the renewable distributed energy generation market will continue strong growth, more than doubling in value to \$60.6 billion by 2013. More on the study at: <http://tinyurl.com/c9m8dq>

Renewable Distributed Energy Generation: <http://www.pikeresearch.com/research/renewable-distributed-energy-generation> or <http://tinyurl.com/d24vcs>

### **3-19-09 Thin Film Solar Summit Europe**

Thin Film Solar Summit Europe is set for 19-20 May in Berlin, Germany. Information at:

<http://www.thinfilmtoday.com/eu/>

### **3-19-09 CSP, CPV and Thin Film Technologies Summit MENA**

The CSP, CPV and Thin Film Technologies Summit MENA is set for 2-3 June in Abu Dhabi, UAE.  
Information at: <http://www.newsolartoday.com/mena09/>

### **3-19-09 Institute for Analysis of Solar Energy Kickoff Symposium [Ken Zweibel, Alexander Winn]**

The Institute for Analysis of Solar Energy at The George Washington University is holding a kickoff symposium, "Solar Energy: A solution to energy and environmental problems?" on 24 April at GWU.  
Information at: <http://tinyurl.com/d4fm1f>  
<http://solar.gwu.edu/Symposium.html>

### **3-19-09 Intersolar Award**

The 2009 Intersolar Award will once again reward pioneering technologies in the categories of PV and solar thermal technology. The official award ceremony will take place on 27 May. Applications will be accepted until 24 April. Press at: <http://tinyurl.com/c37rct>  
Intersolar 2009, 27-29 May, Munich, Germany:  
[http://www.intersolar.de/index.php?id=intersolar&no\\_cache=1&L=1](http://www.intersolar.de/index.php?id=intersolar&no_cache=1&L=1) or <http://tinyurl.com/d85njik>

### **In related solar news...**

#### **3-19-09 Solar Millennium Results**

Solar Millennium AG presented its audited consolidated financial statements for the 2007/2008 fiscal year. Press at: <http://tinyurl.com/d4fdnm>

#### **3-19-09 CSP Summit US**

The 3rd Annual Concentrated Solar Power Summit US is set for 30 June – 1 July in San Francisco, California. Information at: <http://www.csptoday.com/us/index.shtml>

#### **3-20-09 First Solar Production**

First Solar, Inc. announced that it has produced 1 GW of its advanced solar modules since beginning commercial production in early 2002. Press at: <http://tinyurl.com/d8maen>  
First Solar: <http://www.firstsolar.com/>

#### **3-20-09 National Semiconductor Acquisition of Act Solar**

National Semiconductor Corporation has acquired Act Solar, Inc., a privately held solar energy company that provides power optimization solutions for commercial and utility-scale solar installations.  
Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO907.htm>  
National Semiconductor: <http://www.national.com/analog>  
Act Solar: <http://www.actsolar.com/>

#### **3-20-09 SolarFrameWorks BIPV Membrane System [Calla Leonard]**

SolarFrameWorks announced the launch of its building integrated PV single-ply membrane system, CoolPIy(TM). Press at: <http://www.solarframeworks.com/news.html>  
SolarFrameWorks: <http://www.solarframeworks.com/>

#### **3-20-09 Q-Cells Solar Projects**

Q-Cells SE said it expects its projects business to install over 200 MW of capacity in 2009. Press through Solarbuzz <http://www.solarbuzz.com/index.asp> at Bloomberg.com:  
<http://www.bloomberg.com/apps/news?pid=20601072&sid=aT6fKc69jifo> or <http://tinyurl.com/cf9sec>  
Q-Cells: <http://www.qcells.de/de/index.html>  
[http://www.q-cells.com/en/investor\\_relations/press\\_releases/index.html?ir=799](http://www.q-cells.com/en/investor_relations/press_releases/index.html?ir=799) or  
<http://tinyurl.com/ca95sq>

#### **3-20-09 SolarWorld Expansion, North America**

SolarWorld announced it will begin construction of a new facility adjacent to the one that celebrated its grand opening in Hillsboro, Oregon five months ago.  
Press at: <http://www.solarworld-usa.com/SolarWorld-to-expand-l.3459.0.html> or <http://tinyurl.com/cppsyv>

### **3-20-09 Sunetric Solar Farm for Hospital in Hawaii**

Sunetric installed a 500-kW PV system at Wilcox Memorial Hospital on the island of Kauai using 2,190 SunPower modules and SMA America's Sunny Central 250U inverters. Press and photo at Solarbuzz:

<http://www.solarbuzz.com/News/NewsNAPR1439.htm>

Sunetric: <http://www.suntechhawaii.com/>

SunPower: <http://www.sunpowercorp.com/>

SMA America: [http://www.sma-america.com/en\\_US.html](http://www.sma-america.com/en_US.html)

### **3-20-09 Inauguration of 2.4-MW Rooftop Solar Installation, New Jersey**

Trina Solar announced the inauguration of the 2.4-MW solar rooftop installation at the Atlantic City Convention Center. Press at: <http://tinyurl.com/dngert>

Trina Solar: <http://www.trinasolar.com/>

### **3-20-09 PV System for Porsche, California**

An 80-kW PV system was unveiled at the Porsche Logistics, LLC facility in Ontario. The system was designed an installed by HelioPower using 372 Sharp modules. Press at RenewableEnergyWorld:

<http://tinyurl.com/cj385b>

HelioPower: <http://www.heliopower.com/>

Sharp: <http://solar.sharpusa.com/solar/home/1,2462,,00.html>

### **3-20-09 Feed-in Tariffs**

See the story "The Rooftop Revolution" with coverage of the Gainesville, Florida solar incentives at RenewableEnergyWorld: <http://tinyurl.com/c2hrck>

### **3-20-09 Results, Solar Measure B, California**

See the results on the vote count on Measure B at the Los Angeles Times:

<http://www.latimes.com/news/local/la-me-measure-b-count20-2009mar20,0,6685936.story> or

<http://tinyurl.com/djtveg>

### **3-20-09 US Solar Industry Year in Review 2008, SEIA Report**

The Solar Energy Industries Association issued its year-in-review report. Press coverage at Greentech Media: <http://tinyurl.com/dl2h5x>

New York Times: <http://tinyurl.com/c9edbv>

Report: [http://www.seia.org/galleries/pdf/2008\\_Year\\_in\\_Review-small.pdf](http://www.seia.org/galleries/pdf/2008_Year_in_Review-small.pdf) or <http://tinyurl.com/d38fh2>

SEIA: <http://seia.org/>

### **3-20-09 Dutch Solar Energy Conference [Johan Trip]**

Hermann Scheer will be speaking at the Dutch solar energy conference, "The Solar Future – Investing in Solar Energy" on 22 April in Rotterdam. More on the conference at SolarPlaza:

<http://www.solarplaza.com/index.php>

The Solar Future: <http://www.thesolarfuture.nl/>

<http://www.thesolarfuture.nl/sprekers/>

### **3-20-09 Photonics Products for Green Technology**

"OPTomism Executive Forum & Conference: Photonics Products for Green Technology" is set for 18-20 May in Santa Clara, California. Information at: <http://www.oida.org/optomism>

<http://www.optomism.com/>

### **In related solar news...**

#### **3-20-09 Hybrid Power Plants**

See "IN-DEPTH: Future predictions for solar thermal / fuel hybrid power plants" at CSP Today:

<http://tinyurl.com/ct92mg>