

## NCPV Hotline — Week of January 21-25, 2008

### 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)>

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### 1-21-08 RSI Silicon Products Solar-Grade Silicon Plants

RSI Silicon Products, LLC is nearing the completion of a 900 ton per year solar-grade silicon plant in Easton, Pennsylvania, using a new technology it has developed for making solar-grade silicon from raw materials. In parallel, RSI Silicon Products is developing a 17,500 ton per year plant in Childersburg, Alabama. Story at Solarbuzz: <http://www.solarbuzz.com/news/NewsNAMA104.htm>  
RSI Silicon Products: <http://www.rsi-silicon.com/>

### 1-21-08 ersol Contract with K+C Schmidt GbR for Modules

ersol Thin Film GmbH, a wholly owned subsidiary of ersol Solar Energy AG, signed a contract with K+C Schmidt GbR for the supply of about 500 kWp modules, thus inaugurating sales of its silicon thin-film panels. More at: <http://www.solarheadlines.com/node/2992>  
See "Ersol Starts Thin-Film Panel Shipments" at ENF.cn: <http://www.enf.cn/news/080121/1219.html>  
ersol press: [http://www.ersol.de/en/newsmediarelations/pressreleases/pressrelease/news/1200643516/?tx\\_ttnews%5BbackPid%5D=35&cHash=7b1b76c3b0](http://www.ersol.de/en/newsmediarelations/pressreleases/pressrelease/news/1200643516/?tx_ttnews%5BbackPid%5D=35&cHash=7b1b76c3b0) or <http://tinyurl.com/2bzurr>

### 1-21-08 Yingli Plant, Expansion Goal

China's Yingli Green Energy Holding Co Ltd plans to spend an initial \$20-\$30 million on a U.S. manufacturing plant to help it expand overseas sales. The Miami, Florida plant will mainly manufacture solar modules. Story through Solarbuzz <http://www.solarbuzz.com/index.asp> at: <http://malaysia.news.yahoo.com/rtrs/20080118/tbs-yingli-china-21231dd.html> or <http://tinyurl.com/2yo39c>  
Yingli: <http://www.yinglisolar.com/enmain/user/index.asp>

1-21-08 aleo solar AG Contract from SOLARTIA

aleo solar AG announced that it has won another large contract from SOLARTIA. aleo solar will supply the Spanish project developer with modules for a new solar farm in the Navarre province. Story at: [http://www.presseportal.de/pm/56282/1120895/aleo\\_solar\\_ag](http://www.presseportal.de/pm/56282/1120895/aleo_solar_ag)  
aleo: <http://www.aleo-solar.de/en/aleo-solar-download-the-sun.html>  
SOLARTIA: <http://www.solartia.com/new/>

### 1-21-08 PV Enterprise Sweden Order from Helios Technology

PV Enterprise Sweden AB said it has received a SEK300m order from Helios Technology covering the supply of 11.5 MW of panels during 2008. Story at: <http://www.tradingmarkets.com/site/news/Stock%20News/1008517/> or <http://tinyurl.com/ywwwtl>  
PV Enterprise: <http://www.pv-enterprise.com/eng/>  
Helios Technology: <http://www.heliotechnology.com/eng/civil/home.htm>

### **1-21-08 AOS Solar Technology**

AOS Solar, Inc. is developing Solar Silicon 4.0 technology that combines crystalline silicon PV with low-cost, high-throughput thin film manufacturing economics. Press at Nanotechnology Now:

[http://www.nanotech-now.com/news.cgi?story\\_id=27566](http://www.nanotech-now.com/news.cgi?story_id=27566)

AOS Solar: <http://www.aossolar.com/>

### **1-21-08 XsunX Module Pre-Sales Reservation Program**

XsunX, Inc. announced that it has recently signed an additional 36 MW of module purchase commitments into its Solar Module Pre-Sales Reservation Program. Story at:

<http://biz.yahoo.com/prnews/080118/clf075.html?v=34>

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

### **1-21-08 Cornell in The Solar Energy Consortium, New York**

Cornell will join 5 other New York universities in providing research support to The Solar Energy Consortium, a new industry-driven, nonprofit organization that provides leadership, organization, resources and support to establish a major solar industry cluster in Kingston, New York. Story at:

<http://www.news.cornell.edu/stories/Jan08/TSEC.ws.html>

### **1-21-08 SunEdison Integration of Utility-Industry Standards**

According to this press, SunEdison announced a significant step in simplifying solar across North America by beginning integration of more than 3,300 electric utility-industry standards in the engineering, construction, deployment, and maintenance of PV systems. More at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/partner/story;jsessionid=8F1C36BDEE573B9DEBAE51549BAA3B15?id=51188> or <http://tinyurl.com/2d8ps7>

SunEdison: <http://www.sunedison.com/>

### **1-21-08 Solar Farm in Hawaii**

What would be the state's largest stand-alone solar energy production farm is to be built by a subsidiary of Hoku Scientific Inc. on 12 acres of James Campbell Co. land next to Campbell Industrial Park. Story at:

<http://the.honoluluadvertiser.com/article/2008/Jan/21/ln/hawaii801210345.html> or

<http://tinyurl.com/2dj548>

Hoku: <http://www.hokuscientific.com/>

### **1-21-08 West Sacramento Solar Project, California**

The city of West Sacramento's City Council voted to select Pacific Power Management LLC for a 1.2 MW solar project to power the entire Port of Sacramento and some city buildings. Story at:

[http://www.bizjournals.com/sacramento/stories/2008/01/21/story4.html?ana=from\\_rss](http://www.bizjournals.com/sacramento/stories/2008/01/21/story4.html?ana=from_rss) or

<http://tinyurl.com/29eckq>

Pacific Power Management: <http://www.pacpower.biz/>

### **1-21-08 Solar for Affordable Housing, Colorado**

Boulder Housing Partners has partnered with VisionSun Design to award a contract to Bella Energy to install 30 1.75 kW solar electric systems at an affordable housing site.

Story at: <http://biz.yahoo.com/prnews/080121/lam012.html?v=101>

VisionSun Design: <http://www.visionsundesign.com/>

Bella Energy: <http://www.bellaenergy.com/>

### **1-21-08 Solar at ASU**

Arizona State University has received 7 proposals to solarize large portions of the Tempe campus, a project that could eventually provide up to 15% of ASU's electricity needs. Press at:

<http://www.eastvalleytribune.com/story/106952>

### **1-21-08 Solar in Bulgaria**

See "Two Solar Stations to be Built in Pirin Mountain" at: [http://international.ibox.bg/news/id\\_1710030857](http://international.ibox.bg/news/id_1710030857) with reference to previous articles on solar in Bulgaria, at:

[http://international.ibox.bg/news/id\\_1555982280](http://international.ibox.bg/news/id_1555982280)

[http://international.ibox.bg/news/id\\_458665800](http://international.ibox.bg/news/id_458665800)

[http://international.ibox.bg/news/id\\_641143190](http://international.ibox.bg/news/id_641143190)

[http://international.ibox.bg/news/id\\_1535869310](http://international.ibox.bg/news/id_1535869310)

### **1-21-08 Renewables in China**

See "China Renewable Energy and Sustainable Development Report: December 2007" in the January 18 article at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/infocus/story?id=51158> or <http://tinyurl.com/ynt6vp>

China Strategies, LLC: <http://www.chinastrategiesllc.com/>

### **1-21-08 Dyesol One of Top 100 Low Carbon Emissions Pioneers [Viv Hardy]**

Dyesol Limited has made it into the 2008 CNBC's Top 100 Low Carbon Emissions Pioneers – CNBC's global list of companies doing the most to combat climate change.

Press from Dyesol: <http://www.dyesol.com/index.php?page=intro>

Top 100 Low Carbon Pioneers: <http://cnbceb.com/2008/01/01/the-top-100-low-carbon-pioneers/>

### **1-21-08 G24 Innovations Limited's Sustainability [Rachel Griffiths]**

G24 Innovations Limited (G24i) has full approval from the Cardiff City Council to erect a state-of-the-art 2.5 MW wind turbine at its site. Said G24i's Sustainability Programmes Manager, "We have worked incredibly hard to become a 100% 'green' factory and are delighted to have now received full permission to realise this dream". The company was recognized as having the potential for 'the largest impact in improving the environment' at the renewable industry's Rushlight Awards in December.

Press from G24i: <http://www.g24i.com/>

Rushlight Awards:

<http://www.rushlightawards.co.uk/index.php/em/event/action/view/frmEventID/1/frmPageID/22/> or

<http://tinyurl.com/2am9ua>

### **1-21-08 China Conglomerate Solar Investment in Spain**

CHINT, a large electrical engineering group with some \$2bn in annual sales, told the Financial Times it was planning to take stakes in a number of solar farms and in a factory that makes solar panels in Murcia, Spain. Press at Financial Times: <http://www.ft.com/cms/s/0/7179698c-c634-11dc-8378-0000779fd2ac.html> or <http://tinyurl.com/3xwtul>

CHINT: <http://www.chint.net/english/home/home.asp>

Press December 2007: <http://chinaentrepreneur.blogspot.com/2007/12/chint-group-plan-construction-of.html> or <http://tinyurl.com/37h35g>

### **1-21-08 Renewable Power Project Finance, Tutorial**

See information on "Renewable Power Project Finance: The Tutorial", 10 -12 March 2008 in Houston, TX at: <http://guest.cvent.com/EVENTS/Info/Summary.aspx?i=2af52a07-79fc-4a70-af09-70a6bf4952d7> or

<http://tinyurl.com/24rujy>

Brochure: <http://www.infocastinc.com/index.php/conference/renewable>

### **1-21-08 Solar in Kuwait**

The Ministry of Energy and Water's Undersecretary, Yousef Al-Hajri, said the ministry is working with a well-known Japanese company to prepare an economic study on establishing solar power stations.

Press at:

<http://www.zawya.com/Story.cfm/sidZAWYA20080120043225/secIndustries/pagPower%20&%20Utilities>

or <http://tinyurl.com/25pxvk>

### **1-21-08 PV Growing Pains**

See the story "Solar PV still going through growing pains", with coverage of the Photovoltaic Technology Show in Shenzhen, China, at: <http://media.cleantech.com:80/2321/solar-still-going-through-growing-pains> or <http://tinyurl.com/yvmkoh>

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

#### **1-21-08 Iberdrola Thermosolar Power Plant, Spain**

Iberdrola Renovables IBR.MC will spend 200 million Euros on a 50-MW thermosolar plant in the Spanish region of Aragon. Story at:

<http://www.reuters.com/article/rbssIndustryMaterialsUtilitiesNews/idUSL1836351720080118> or <http://tinyurl.com/2ncq6e>

Iberdrola Renovables:

<http://www.iberdrolarenovables.es/wcren/corporativa/iberdrola?cambiodioma=ESINICIORENOVAB&codCache=12008672593494581> or <http://tinyurl.com/2pjodx>

#### **1-21-08 Stirling Energy Systems Featured**

See the story "Stirling Energy takes on the solar power challenge" at:

[http://www.usatoday.com/money/industries/energy/environment/2008-01-20-solar-power\\_N.htm?csp=34](http://www.usatoday.com/money/industries/energy/environment/2008-01-20-solar-power_N.htm?csp=34) or <http://tinyurl.com/24b8qx>

Stirling Energy Systems: <http://www.stirlingenergy.com/>

#### **1-22-08 Solargiga Energy Joint Venture**

Solargiga Energy will seek to form a joint venture with a 3rd party to manufacture polysilicon raw materials, according to Wafer Works, a major shareholder of Solargiga. Wafer Works said it will invest US\$8.63 million to obtain a 40% stake in the joint venture. Press at DigiTimes:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD00000000000000000000000004441&query=SOLAR> or <http://tinyurl.com/267dcb>

Wafer Works: [http://www.waferworks.com/index\\_en.php](http://www.waferworks.com/index_en.php)

#### **1-22-08 Amtech Systems, Subsidiary Research Agreement**

Amtech Systems, Inc. announced that its subsidiary, Tempres® Systems, Inc., has entered into a research agreement to develop an in-line or conveyor diffusion furnace system for the solar industry. The research collaboration team consists of Tempres, Solland Solar, The Energy Research Centre of The Netherlands, and a leading global chemical company.

Press at: <http://biz.yahoo.com/bw/080122/20080122005470.html?.v=1>

Amtech Systems: <http://www.amtechsystems.com/>

Solland: <http://www.sollandsolar.com/>

ECN: <http://www.ecn.nl/>

#### **1-22-08 Consarc's New Solar Division**

Consarc Corporation announced it will form a new division to build and market furnaces for solar grade silicon volume production. More in the press at: <http://www.pv-tech.org/content/view/255/26/> and

<http://www.centredaily.com/business/technology/story/346714.html>

Consarc: <http://www.consarc.com/home.htm>

#### **1-22-08 Investment in QuantaSol**

Low Carbon Accelerator has invested a further £320,000 in Imperial College spinout QuantaSol.

QuantaSol will provide PV cells for use in concentrating PV systems for the utility-scale power generation market. Press at: <http://www.theengineer.co.uk/Articles/Article.aspx?liArticleID=304072> or

<http://tinyurl.com/2kob4m>

Low Carbon ACCELERATOR: <http://www.lowcarbonaccelerator.com/>

QuantaSol: <http://www.quantasol.com/>

### **1-22-08 Quantum's Stake in ASOLA**

Quantum Fuel Systems Technologies Worldwide, Inc. announced that it has completed the acquisition of a 25% equity stake in ASOLA Advanced and Automotive Solar Systems GmbH. ASOLA anticipates 2008 revenues in excess of 50 million Euros, while generating positive net profits. Story at:

<http://biz.yahoo.com/prnews/080122/latu004.html?v=96>

Quantum: <http://www.qtw.com/>

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

### **1-22-08 Qiangsheng Photovoltaic Technology IPO**

According to this press, Chinese solar equipment maker Qiangsheng Photovoltaic Technology plans to raise about \$250 million in a NASDAQ stock market listing. More at:

<http://www.reuters.com/article/innovationNews/idUSL2243015120080122> or <http://tinyurl.com/352vll>

Dec. 2007 Press: [http://www.chinadaily.com.cn/cndy/2007-12/11/content\\_6311583.htm](http://www.chinadaily.com.cn/cndy/2007-12/11/content_6311583.htm) or

<http://tinyurl.com/32fq5x>

### **1-22-08 Hoku Solar Projects**

Hawaiian Electric Company has filed an application with the Hawaii Public Utilities Commission to enter into a contract with Hoku Solar, Inc., a subsidiary of Hoku Scientific, Inc., to purchase electricity generated by a PV system that Hoku Solar would install. Story at:

<http://biz.yahoo.com/iw/080122/0351104.html>

For more on the Campbell Company – Hoku Solar plan for the Kapolei Sustainable Energy Park with a 1.5 MW PV system, see: <http://biz.yahoo.com/iw/080122/0351101.html> and

<http://www.khnl.com/Global/story.asp?S=7753504>

Hoku Scientific: <http://www.hokuscientific.com/>

James Campbell Company: <http://www.jamescampbell.com/>

### **1-22-08 Concentrated Photovoltaic Newsletter and Summit**

See information on the Concentrated Photovoltaic Newsletter and Summit at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/partner/csp/>

CPV Today, Concentrated Photovoltaic Summit '08, 1-2 April, Madrid, Spain: <http://www.cpvtoday.com/>

### **1-22-08 Solar in Ontario, Canada**

Ontario is on its way to becoming a major center for solar power. See the story "Solar power heats up with new Ontario projects" at:

<http://www.theglobeandmail.com/servlet/story/LAC.20080122.RSOLAR22/TPStory/Business> or

<http://tinyurl.com/34uv5a>

### **1-22-08 Concentrix Solar Award [Karin Schneider]**

Concentrix Solar GmbH was awarded the 28th "Innovation Award of the German Economy" in the category of "Start-Up Companies", as the company with the most promising innovation.

Press at Concentrix <http://www.concentrixsolar.com/> and at

Fraunhofer ISE <http://www.ise.fhg.de/press-and-media/press-releases/press-releases-2008/the-sun-and-success-on-track-and-in-focus> or <http://tinyurl.com/ynjeec>

### **1-22-08 Octillion Advisory Board**

Octillion Corp. announced the appointment of Prof. T.C. Yih, PhD, PE to the company's Advisory Board.

Press at: <http://www.centredaily.com/business/technology/story/347921.html>

Octillion: <http://www.octillioncorp.com/index.php>

### **1-22-08 Solar Energy + Applications, Part of SPIE Optics + Photonics**

Abstracts are due by 28 January for Solar Energy + Applications 2008, 10-14 August in San Diego, California. Information at the SPIE Website: <http://spie.org/solar-energy.xml>

### **1-22-08 Cleantech Investor Summit [Clean Edge]**

Information on the 4th Annual Clean-tech Investor Summit, 6-7 February in Palm Springs, California, is at:

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

Clean Edge: <http://www.cleantechsummit.com/>

### **1-22-08 More on PV Japan 2008**

PV Japan 2008 will be held July 30 – August 1 in Tokyo Japan. For coverage of exhibitors and participants, see the story at: <http://biz.yahoo.com/prnews/080121/aqm084.html?.v=26>  
Conference website: <http://www.pvjapan2008.org/PVJAPAN.var>

### **1-22-08 European Photovoltaic Industry Association PV Conference**

For information EPIA's "2nd International Conference on Solar Photovoltaic Investments", 19-20 February 2008, in Frankfurt am Main, Germany, see: <http://www.epia.org/index.php?id=173>  
Agenda (pdf): [http://www.epia.org/fileadmin/EPIA\\_docs/public/agenda\\_-\\_2nd\\_PV\\_investment\\_conference.pdf](http://www.epia.org/fileadmin/EPIA_docs/public/agenda_-_2nd_PV_investment_conference.pdf) or <http://tinyurl.com/2wyu3f>  
Description (pdf): [http://www.epia.org/fileadmin/EPIA\\_docs/public/EPIA\\_Investment\\_leaflet.pdf](http://www.epia.org/fileadmin/EPIA_docs/public/EPIA_Investment_leaflet.pdf) or <http://tinyurl.com/3dqr59>

### **1-22-08 Solar Energy Industries Association-sponsored Event [Monique Hanis]**

See information on the event, "Renewable Energy Industry Groups Share 2008 Outlook" at the National Press Club in Washington, DC, 22 January, at <http://npc.press.org/>

### **1-22-08 Wind, Solar Tax Credits**

See the story "Wind, Solar Tax Credits to Expire" at The Christian Science Monitor: <http://www.csmonitor.com/2008/0122/p03s05-usec.html>

### **1-22-08 RPS Symposium**

Information on the Renewable Portfolio Standards (RPS) Symposium, 26-27 March 2008 in Washington, DC is at: <https://www.euci.com/conferences/0308-rps/agenda.php>

### **1-22-08 Solar Power Stocks**

See the story "Solar-power stocks lose place in sun" at USA Today: [http://www.usatoday.com/money/industries/energy/environment/2008-01-21-solar-energy-stocks\\_N.htm?csp=34](http://www.usatoday.com/money/industries/energy/environment/2008-01-21-solar-energy-stocks_N.htm?csp=34) or <http://tinyurl.com/yw9ck9>

### **1-22-08 Renewable Energy's Potential**

See the press "Analysis: Renewable energy's potential" at UPI: [http://www.upi.com/International\\_Security/Energy/Analysis/2008/01/21/analysis\\_renewable\\_energys\\_potential/6539/](http://www.upi.com/International_Security/Energy/Analysis/2008/01/21/analysis_renewable_energys_potential/6539/) or <http://tinyurl.com/2kpfot>

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

#### **1-22-08 Eskom's Solar Water Heater Incentive Program**

Eskom's solar-powered water heater incentive programme is described at: [http://www.eskomdsm.co.za/swh\\_3\\_how\\_work.htm](http://www.eskomdsm.co.za/swh_3_how_work.htm)  
Press at: [http://www.engineeringnews.co.za/article.php?a\\_id=124978](http://www.engineeringnews.co.za/article.php?a_id=124978) and <http://allafrica.com/stories/200801220766.html>

#### **1-23-08 Dr. Harold M. "Hub" Hubbard (in kind memory)**

Former Solar Energy Research Institute (SERI, now NREL) director, Dr. Harold M. "Hub" Hubbard has passed away. Hub, as he was known to most, was the director of SERI from 1981 to 1990. Before becoming SERI director, Dr. Hubbard was Midwest Research Institute's Vice President for Operations. Hub is credited with much of the groundwork that led to SERI becoming a national lab. He received numerous recognitions and honors, and his vision and leadership are embodied in NREL's ongoing Harold M. Hubbard Award. <http://www.legacy.com/KansasCity/DeathNotices.asp?Page=LifeStory&PersonID=101562459> or <http://tinyurl.com/2orqv5>



### **1-23-08 United Solar Agreement with AirTec**

United Solar Ovonic LLC announced that it has entered into an agreement with South Korea's AirTec System Co., Ltd. for 25 MW of UNI-SOLAR® brand thin-film laminates for integration into large-scale power projects. Story at: <http://biz.yahoo.com/pnews/080123/clw048.html?v=101>  
ECD Ovonic: <http://www.ovonic.com/>

### **1-23-08 LXE Growth**

LXE's announced contracts to provide over 108,000 metric tons of trichlorosilane to produce 18,000 metric tons of polysilicon per year, along with hiring of 4 industry veterans. Press at: <http://www.centredaily.com/business/story/350002.html>

### **1-23-08 Spire Corporation Concentrator Cell Manufacturers Support**

Spire Corporation announced that its wholly owned subsidiary, Spire Semiconductor, will provide dedicated, large-scale contract design and manufacturing capabilities to manufacturers of solar concentrator cells within its 50,000 square foot facility in Hudson, New Hampshire. Story at: <http://www.centredaily.com/business/technology/story/351306.html>  
Spire Corporation: <http://www.spirecorp.com/>

### **1-23-08 PV for High School District, Bay Area**

UPC Solar has reached an agreement to build PV systems at all 5 high schools in the Jefferson Union High School District. The solar power systems represent 1.7 MW of installed capacity. The project will be designed, installed, owned and operated by UPC Solar under a long-term Power Purchase Agreement with the Jefferson Union High School District. Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR992.htm>  
UPC Solar: <http://www.upcsolar.com/>

### **1-23-08 Martifer Solar Parks in Spain; Solar Panel Plant in Portugal**

Martifer SGPS said its 50% owned Solar Parks unit has signed a 58.7 mln Euro contract to build 2 turnkey solar power plants in Spain with a combined installed capacity of 8.73 MW for promoter Enerland. Separately, Martifer said it is constructing a solar panel plant in Portugal with a 50 MW per year capacity. Press at: <http://www.forbes.com/afxnewslimited/feeds/afx/2008/01/23/afx4561590.html> or <http://tinyurl.com/3dota4>  
Martifer: <http://www.martifer.com/Group/EN/home.html>

### **1-23-08 Solar in India**

Haryana has a plan to set up solar-energy-based power projects of a MW scale in the State, and the power will be fed to the state grid. Story at: <http://tinyurl.com/2re2br>

### **1-23-08 Abu Dhabi \$15 Billion Investment**

General Sheikh Mohammed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi, announced the launch of an initial investment of \$15 billion in projects targeting solar, wind and hydrogen power, carbon reduction and management sustainable development, education, manufacturing, and R&D. Story at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story?id=51208>  
Masdar Initiative: <http://www.masdaruae.com/>  
Abu Dhabi Government: <http://www.abudhabi.ae/Sites/Portal/Citizen/EN/government.html>

### **1-23-08 Fat Spaniel Financing**

Fat Spaniel Technologies said it has closed \$18 million in its second round of venture capital financing. See the Q&A with Chris Beekhuis at Greentech Media: <http://www.greentechmedia.com/articles/fat-spaniel-gets-fatter-ga-with-chris-beekhuis-515.html> or <http://tinyurl.com/37n6jp>  
Fat Spaniel Technologies: <http://www.fatspaniel.com/>

### **1-23-08 Voltaix New Website Design**

Voltaix, LLC announced the launch of a newly designed website at: <http://www.voltaix.com/>

### **1-23-08 Electron Solar Energy Results**

Electron Solar Energy announced results for the quarter ended 30 September 2007. Press at: <http://www.wallstreet-online.de/nachrichten/nachricht/2244608.html>  
Electron Solar Energy: <http://www.electronsolarenergy.com/>

### **1-23-08 Renewable Tax Credits**

According to E&E Daily, Senator Pete Domenici is joining the call for using the upcoming economic stimulus package as a vehicle for extending renewable energy tax credits that are currently set to expire at year's end. E&E Daily [subscription]: <http://www.eenews.net/>  
See also "Renewable Energy Leaders Urge Congress, Bush to Extend Tax Credits Quickly" at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story?id=51202>

### **1-23-08 PV Activities in Japan, January 2008**

The latest issue of PV Activities in Japan with coverage of PV highlights in Japan (Japan's FY 2008 budget, PV activities in 2007); global PV highlights (17<sup>th</sup> International Photovoltaic Science and Engineering Conference – PVSEC-17, 2<sup>nd</sup> International Workshop on Science and Technology of Crystalline Silicon Solar Cells); PV photo gallery (Pal Town Jyosai-no-Mori); and topics in Japan's government, local governments, suppliers and users activities; is available [by subscription] from RTS Corporation in Tokyo, <http://www.rts-pv.com>.

### **1-23-08 Cleantech Conference and Trade Show**

For information on Clean Technology, CTSI Clean Technology & Sustainable Industries Conference & Trade Show, 1-5 June 2008 in Boston, Massachusetts, see: <http://www.csievents.org/Cleantech2008/about/>  
[http://www.csievents.org/Cleantech2008/symposia/Solar\\_Technologies\\_Applications.html](http://www.csievents.org/Cleantech2008/symposia/Solar_Technologies_Applications.html) or <http://tinyurl.com/38mfy2>  
<http://www.csievents.org/Cleantech2008/participate/>  
<http://www.csievents.org/Cleantech2008/register.html>

### **1-23-08 Green Trading Summit**

For information on the Wall Street Green Trading Summit VII, 2-3 April 2008 in New York, see RenewableEnergyAccess at: <http://www.renewableenergyaccess.com/rea/partner/story?id=51213> or <http://tinyurl.com/2menly>  
Summit: <http://www.wsgts.com/>

### **1-23-08 Tri-State RFP for Renewables [The Green Power Network]**

A Tri-State Generation and Transmission Association RFP seeks 150,000 MWh from eligible renewable resources to assist Tri-State Members in meeting RPS requirements of Colorado and/or New Mexico. Information at: <http://www.tristategt.org/rfp/rerfp/>  
The Green Power Network: <http://www.tristategt.org/rfp/rerfp/>

### **1-24-08 Mosel Vitelic Contract with LDK Solar**

Mosel Vitelic announced it has signed a second 5-year contract with LDK Solar for supply of polycrystalline silicon wafers. Story at DigiTimes: <http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD000000000000000000000000004472&query=SOLAR> or <http://tinyurl.com/333pe3>  
Mosel Vitelic: <http://www.mvc.com/>  
LDK Solar: <http://www.ldksolar.com/english/index.html>

### **1-24-08 Green Energy Technology Update**

Green Energy Technology has reiterated confidence in its business outlook. More at DigiTimes: <http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD000000000000000000000000004466&query=SOLAR> or <http://tinyurl.com/38uutf>  
Green Energy Technology: <http://www.getinc.com.tw/>



### **1-24-08 Prism Solar Technologies at Hudson Valley Center for Innovation, New York**

Prism Solar Technologies has moved into office space at the Hudson Valley Center for Innovation and is expected to grow to 20 employees. Story at:

[http://www.zwire.com/site/news.cfm?newsid=19226548&BRD=1769&PAG=461&dept\\_id=74969&rfi=6](http://www.zwire.com/site/news.cfm?newsid=19226548&BRD=1769&PAG=461&dept_id=74969&rfi=6) or <http://tinyurl.com/29qy67>

Hudson Valley Center for Innovation: <http://www.hvci.com/>

Prism Solar Technologies: <http://www.prismsolar.com/>

### **1-24-08 PV Project for Kona Commons, Hawaii**

Kailua-based Suntech Hawaii announced that it will build an 804 kW PV system at the Kona Commons retail property in Kailua-Kona. Story through Solarbuzz <http://www.solarbuzz.com/News/NewsPage.asp> at: <http://the.honoluluadvertiser.com/article/2008/Jan/23/br/br8592063417.html> or

<http://tinyurl.com/2b7b3h>

Additional press: <http://starbulletin.com/2008/01/24/business/story01.html>

Suntech Hawaii: <http://suntechhawaii.com/>

### **1-24-08 Suntech Power Holdings PV System for Town Hall, Belgium**

Suntech Power Holdings Co., Ltd. announced its participation in construction of a 239 kW PV system with 1,260 modules for the roof of the town hall in Genk, Belgium. The project was engineered by Oskomera Solar Power Solutions in collaboration with ENECO Energie. Story at:

<http://biz.yahoo.com/prnews/080124/cnth020.html?.v=20>

Suntech: <http://www.suntech-power.com/>

Oskomera Solar Power Solutions B.V.: <http://www.oskomera.nl/werkmaatschappij.php?wmid=1>

### **1-24-08 EMCORE in Spanish Market**

EMCORE announced that it will supply its concentrator PV components and systems to the Spanish market through several agreements. Story at: <http://biz.yahoo.com/prnews/080123/nyw162.html?.v=84>

EMCORE: <http://www.emcore.com/>

### **1-24-08 SunPower Results**

SunPower Corporation announced financial results for the 4<sup>th</sup> quarter 2007, ended 30 December 2007, and year-end. Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO693.htm> and CNNMoney: <http://money.cnn.com/news/newsfeeds/articles/prnewswire/AQTH07424012008-1.htm> or <http://tinyurl.com/2dojn2>

SunPower Corporation: <http://www.SunPowerCorp.com/>

### **1-24-08 Solarfun Power Holdings Convertible Senior Notes and American Depositary Shares**

See "Solarfun Prices US\$150 Million Convertible Senior Notes and Determines Number of American Depositary Shares to Be Lent under Share Lending Arrangement" at:

<http://au.biz.yahoo.com/080124/43/1kv0f.html>

Solarfun: <http://www.solarfun.com.cn/>

### **1-24-08 Open Energy PV System for Public Utilities Commission, California**

Open Energy Corp. and Stellar Energy completed a PV installation for the San Francisco Public Utilities Commission using 270 SolarSave® modules. Story at:

[http://www.solarindustrymag.com/e107\\_plugins/content/content\\_lt.php?content.888](http://www.solarindustrymag.com/e107_plugins/content/content_lt.php?content.888) or

<http://tinyurl.com/2cww8t>

Open Energy: <http://www.openenergycorp.com/>

Stellar Energy: <http://www.stellarenergy.com/>

### **1-24-08 Evaluating the Rationale for the Utility-Accessible External Disconnect Switch**

For access to the new report (pdf) "Utility-Interconnected Photovoltaic Systems: Evaluating the Rationale for the Utility-Accessible External Disconnect Switch", go to: <http://www.nrel.gov/docs/fy08osti/42675.pdf>

### **1-24-08 Interstate Renewable Energy Council Newsletter [Jane Pulaski]**

The January 23 issue of IREC's State & Stakeholder Newsletter with coverage of national news, state & local news, grants and RFPs, and other news is available at: <http://www.irecusa.org/index.php?id=11>

### **1-24-08 Evergreen Solar and NSTAR Encourage Solar Program**

Evergreen Solar, Inc. and NSTAR pledged their support of Governor Patrick's Commonwealth Solar Program by continuing to leverage their alliance announced last year to help accelerate the adoption of solar power throughout Eastern Massachusetts. Press at Evergreen Solar:

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

NSTAR: <http://www.nstar.com/residential/>

Governor's Office:

<http://www.mass.gov/?pageID=gov3subtopic&L=3&L0=Home&L1=Key+Priorities&L2=Clean+Energy&sid=Agov3> or <http://tinyurl.com/2nppx8>

<http://www.mass.gov/doi/>

### **1-24-08 EC Proposal for a Directive on Promotion of Renewable Energy**

The European Commission presented its proposal for a Directive on the promotion of the use of energy from renewable sources, on the way to achieving the 20% renewable energy target set for 2020. Press from EPIA at: <http://www.epia.org/index.php?id=29>

Directive (pdf): [http://ec.europa.eu/energy/climate\\_actions/doc/2008\\_res\\_directive\\_en.pdf](http://ec.europa.eu/energy/climate_actions/doc/2008_res_directive_en.pdf) or <http://tinyurl.com/2qktu8>

### **1-24-08 PV Growth in France**

PV technology is set to become one of France's fastest growing energy sources over the next decade.

Story through SolarPlaza <http://www.solarplaza.com/content/news.php> at:

[http://www.infotechfrance.com/cgi-](http://www.infotechfrance.com/cgi-local/affichage_signets.pl?UNI_ID=8&RUB_ID=53&SIG_ID=4543&actu=1)

[local/affichage\\_signets.pl?UNI\\_ID=8&RUB\\_ID=53&SIG\\_ID=4543&actu=1](http://www.infotechfrance.com/cgi-local/affichage_signets.pl?UNI_ID=8&RUB_ID=53&SIG_ID=4543&actu=1) or <http://tinyurl.com/2jhzk7>

Invest in France Agency: <http://www.invest-in-france.org/international/en/>

### **1-24-08 Mesa del Sol Green Building Council Award, New Mexico [Ariane Savedra]**

Mesa del Sol announced that its first building, leased and occupied by Advent Solar, has been awarded LEED® "Leadership in Energy and Environmental Design" Certification for Environmental Sustainability by the U.S. Green Building Council. Press from Mesa del Sol:

[http://www.mesadelsolnm.com/mds/media/docs/LEED%20Certification%20Advent%20Solar%20final%20\(2\).pdf](http://www.mesadelsolnm.com/mds/media/docs/LEED%20Certification%20Advent%20Solar%20final%20(2).pdf) or <http://tinyurl.com/yw5ydv>

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

Advent Solar: <http://www.adventsolar.com/>

### **1-24-08 Solar / Green Market Perspectives**

See the story "Solar analysts ponder whether selloff is overblown" at ENN:

<http://www.enn.com/business/article/29868>

See also "Stocks that make others green with envy" at:

<http://www.thestar.com/Business/Investing/article/296334>

### **1-24-08 Solar Innovations & Investment**

The conference "Solar Innovations & Investment" is set for 21-23 May 2008 in London. See:

[http://www.greenpowerconferences.com/renewablesmarkets/sii\\_london.html](http://www.greenpowerconferences.com/renewablesmarkets/sii_london.html) or <http://tinyurl.com/23h2n4>

### **1-24-08 Upcoming NanoMarkets Report**

NanoMarkets will be releasing two new reports that address the market opportunities for thin film, organic and printable PV markets. Information at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/partner/story?id=51217> or <http://tinyurl.com/2bqr98>

For more on "Materials Markets for Thin-Film and Organic Photovoltaics", see RenewableEnergyAccess at: <http://www.renewableenergyaccess.com/rea/catalog/product?id=22318> or <http://tinyurl.com/ytt3d8>

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

### **1-24-08 CSP Markets, Technologies**

See the story "CSP: Market Trends and New Technologies" in the RenewableEnergyAccess Podcast at: <http://www.renewableenergyaccess.com/rea/news/podcast;jsessionid=EAF9CD6685C2F7D217B1EA43F125C5B0?id=51215> or <http://tinyurl.com/2fgmyr>

### **1-24-08 CSP Congress**

For information on The CSP Congress™, set for 5-6 February 2008 in Barcelona, visit: [http://www.greenpowerconferences.com/renewablesmarkets/csp\\_barcelona08.html](http://www.greenpowerconferences.com/renewablesmarkets/csp_barcelona08.html) or <http://tinyurl.com/2onz9t>

### **1-25-08 Joint Effort to Promote Solar in Massachusetts**

Evergreen Solar announced that it is working with the Massachusetts Municipal Wholesale Electric Company to advance solar power opportunities for customers of Massachusetts municipal utilities. Story at Evergreen Solar: <http://www.evergreensolar.com/app/en/investors/>

### **1-25-08 PV System for North Carolina Zoo**

The N.C. Zoo is activating a 104-kW PV system at three picnic pavilions called Solar Pointe. Story at: <http://news-record.com/apps/pbcs.dll/article?AID=/20080124/NRSTAFF/45710809> or <http://tinyurl.com/2rx2z2>

N.C. GreenPower: <http://www.ncgreenpower.org/>

### **1-25-08 Mospec Semiconductor Investors**

According to this press, Mospec Semiconductor maintains that its core business and the ongoing development of solar wafer production will not be affected after a major shareholder sold most of its stake in the company. More on Mospec at DigiTimes:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD000000000000000000000000004483&query=SOLAR> or <http://tinyurl.com/2p5e32>

Mospec Semiconductor: <http://www.mospec.com.tw/>

### **1-25-08 Testing New Solar Materials**

A project that is part of the U.S. DOE's Solar America Initiative will partner the Columbia Water and Light Department with the University of Missouri chemistry department, Prost Builders Inc. and Dow Chemical to test new materials to provide cheaper and more adaptive solar technology. Story at: <http://www.columbiatribune.com/2008/Jan/20080124News009.asp>

### **1-25-08 Clean Energy in the Southeast U.S.**

Governments, non-profit groups, universities and utilities across the U.S. Southeast are making efforts to move the region toward renewable Energy. See "Clean, Green Energy Can be a Reality for the Southeast" at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story?id=51233>

### **1-25-08 Solar Decathlon, 2009**

The teams for the fourth Solar Decathlon, to be held on the National Mall in Washington, D.C. in the fall of 2009, have been selected and are already at work. See the list of teams at:

<http://www.solardecathlon.org/> and the DOE press at: <http://www.energy.gov/news/5888.htm>

For a story on Santa Clara University's team, see:

<http://www.nbc11.com/news/15129447/detail.html?rss=bay&psp=news> or <http://tinyurl.com/2p5tk2>

### **1-25-08 First Solar VP of Government Relations**

First Solar, Inc. announced the appointment of Kathy Weiss as vice president, government relations, based in New York.

Press at First Solar: <http://investor.firstsolar.com/releases.cfm?lang=eng>

### **1-25-08 Voltaix Trimethylboron Manufacturing Capacity**

Voltaix, LLC announced a significant increase in trimethylboron manufacturing capacity. Press at: <http://biz.yahoo.com/prnews/080125/nyf038.html?.v=101>

Voltaix: <http://www.voltaix.com/>

### **1-25-08 Clear Skies Holdings Now Clear Skies Solar**

Clear Skies Holdings, Inc. has changed its name to Clear Skies Solar, Inc. Press at:

<http://www.centredaily.com/business/technology/story/357087.html>

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

### **1-25-08 Solar Power for Israel**

According to this press, a series of solar energy power stations in the Negev could supply all of Israel's power needs. See "Giant solar plants in Negev could power Israel's future" at:

<http://uk.news.yahoo.com/register/20080125/ttc-giant-solar-plants-in-negev-could-po-d1d76f9.html> or

<http://tinyurl.com/384x22>

### **1-25-08 More on Abu Dhabi Cleantech**

Abu Dhabi, already a significant investor in cleantech through its Masdar Clean Tech Fund, is poised to become a major hub for cleantech manufacturing, production, and research with a commitment of \$15 billion for renewable energy. Story at Cleantech@: <http://media.cleantech.com/2339/abu-dhabi-the-next-cleantech-hub>

Masdar Initiative: <http://www.masdaruae.com/>

Related press on potential PV benefits:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PB00000000000000000000000003475&query=SOLAR> or <http://tinyurl.com/3bpq wz>

### **1-25-08 Cleantech Investments 2007**

The Cleantech Group, LLC released year-end 2007 and 4th quarter 2007 results for cleantech investments indicating the 6th consecutive year of sustained investment growth. Story at

RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/partner/story?id=51232> or

<http://tinyurl.com/2mjknt>

Cleantech@: <http://cleantech.com/>

### **1-25-08 More on SunPower's Results, Forward Look**

See more on SunPower results and look to the future at Cleantech@:

<http://media.cleantech.com/2352/sunpower-shares-drop-on-fourth-quarter-report> or

<http://tinyurl.com/2gnexs> Other press: <http://www.pv-tech.org/content/view/261/26/>

### **1-25-08 More on EU Renewables Targets**

See "EU Looks for 20% Renewables by 2020" at ENF.cn: <http://www.enf.cn/news/080125/1655.html>

### **1-25-08 Solar Electricity for Rural Rwanda**

The European Union has pledged \$10M to supply rural areas of Rwanda with solar and micro-hydro electricity. Story at: <http://solarcellsinfo.com/blog/archives/1262#more-1262>