

## NCPV Hotline — Week of January 7-11, 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)>

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

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#### 1-7-08 aleo solar PV Power Project, Germany

aleo solar AG has set up a megawatt solar farm in Friedeburg, East Frisia. Story at Solarbuzz:

<http://www.solarbuzz.com/News/NewsEU424.htm>

aleo solar: <http://www.aleo-solar.de/>

#### 1-7-08 LDK Stake in Crucible Maker

LDK Solar Co. has agreed to buy a 33.5% stake in a crucible maker for \$2.3 million, to lower manufacturing costs. LDK will buy an interest in Jiangxi Sinoma New Material Co. from Xinyu Chendong Investment and Construction Co. Story at:

[http://biz.yahoo.com/ap/080107/ldk\\_solar\\_co\\_acquisition.html?.v=1](http://biz.yahoo.com/ap/080107/ldk_solar_co_acquisition.html?.v=1)

LDK Solar: <http://www.ldksolar.com/english/index.html>

#### 1-7-08 Gintech Energy Solar Cell Expansion Plan

Gintech Energy detailed its aggressive solar cell expansion plan during a recent event held by the Taiwan Stock Exchange. Press at DigiTimes:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD00000000000000000000000004255&query=SOLAR> or <http://tinyurl.com/3dd48g>

Gintech Energy: <http://www.gintech.com.tw/home.html>

#### 1-7-08 Green Energy Technology IPO

According to this press, Green Energy Technology will list on the Taiwan Stock Exchange in late January. Press at DigiTimes:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PB00000000000000000000000003429&query=SOLAR> or <http://tinyurl.com/37vghp>

Green Energy Technology: <http://www.getinc.com.tw/>

#### 1-7-08 JA Solar Split of American Depositary Shares

JA Solar Holdings Co. declared a three-for-one split of its American Depositary Shares. Press at:

[http://biz.yahoo.com/ap/080107/ja\\_solar\\_holdings\\_co\\_stock\\_split.html?.v=1](http://biz.yahoo.com/ap/080107/ja_solar_holdings_co_stock_split.html?.v=1) or <http://tinyurl.com/3bwys0>

JA Solar: <http://www.jasolar.com/Web/index-en.asp>

#### 1-7-08 PV Crystalox Trading Update

PV Crystalox Solar is providing a further trading update based on a review of recent management accounts and initial indications of the full-year results. Story at:

<http://www.reuters.com/article/pressRelease/idUS49783+07-Jan-2008+RNS20080107> or

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

PV Crystalox Solar: <http://www.crystalox.com/>

### **1-7-08 ARISE Technologies Polysilicon**

ARISE Technologies Corporation announced that its Silicon Feedstock Mini Pilot Plan is now operational and polysilicon has successfully been produced in the Silicon Refining Furnace. More at: [http://biz.yahoo.com/cnw/080107/arise\\_plant\\_running.html?.v=1](http://biz.yahoo.com/cnw/080107/arise_plant_running.html?.v=1) or <http://tinyurl.com/3dar3b>  
ARISE Technologies: <http://www.arisetech.com/>

### **1-7-08 Sunovia Energy on OTC Bulletin Board**

Sunovia Energy Technologies, Inc. announced that it is now listed on the OTC Bulletin Board. More at: <http://www.centredaily.com/business/technology/story/314699.html> or <http://tinyurl.com/2v4z48>  
Sunovia Energy Technologies: [http://sunoviaenergy.com/index.php?option=com\\_content&view=article&id=46&Itemid=54](http://sunoviaenergy.com/index.php?option=com_content&view=article&id=46&Itemid=54) or <http://tinyurl.com/3ds4qp>

### **1-7-08 XsunX Annual Report**

XsunX, Inc. submitted its annual report for its fiscal year, which ended 30 September 2007. Press at: <http://biz.yahoo.com/prnews/080107/clm113.html?.v=49> or <http://tinyurl.com/3amgwg>  
XsunX: <http://www.XsunX.com/>

### **1-7-08 CIGS Solar Cells**

As the solar industry continues to report impressive growth rates each year, companies with proven solar cells at market price are not having much difficulty finding customers for everything they can produce. This also applies to new technologies such as thin-film solar cells. See "Why Thin-Film CIGS Solar Cell Are Poised for Big Growth" by Greg Howard, Vice President of Sputtering Materials, Inc., at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/reinsider/story?id=51031> or <http://tinyurl.com/yubs3q>  
Sputtering Materials, Inc.: <http://www.sputteringmaterials.com/>

### **1-7-08 Solar Glass**

See the story "Solar Glass: Sunny Views" with coverage of ISRA VISION at: <http://www.glassonweb.com/news/index/7144/>  
ISRA Glass Vision: [http://www.israglassvision.com/index.php?site=index.html&dir=isra&function=set\\_lang&lang=en](http://www.israglassvision.com/index.php?site=index.html&dir=isra&function=set_lang&lang=en) or <http://tinyurl.com/yqy5yy>

### **1-7-08 Ekarat Sales**

Ekarat Engineering Plc forecasts sales to double to 4 billion baht mainly driven by its wholly owned solar power subsidiary Ekarat Solar. More at: [http://www.bangkokpost.com/050108\\_Business/05Jan2008\\_biz43.php](http://www.bangkokpost.com/050108_Business/05Jan2008_biz43.php) or <http://tinyurl.com/3xqt36>  
Ekarat Solar: <http://www.ekarat-solar.com/>

### **1-7-08 More on SolarPlaza PV Trade Mission to California**

From 20 to 25 January 2008, SolarPlaza, in cooperation with the French DERBIE Renewable Energy Business Association, is organizing its 8<sup>th</sup> international PV trade mission and its second PV trade mission to California. Information at SolarPlaza: <http://www.solarplaza.com/content/pagina/PVtrademissionCalifornia/45981> or <http://tinyurl.com/355sk6>  
<http://www.solarplaza.com/content/news.php>

### **1-7-08 GE Energy Financial Services Partnering with SunPower for Financing Solar Projects in California**

GE Energy Financial Services announced that it is partnering with SunPower Corporation to provide financing for 5 California solar power projects totaling approximately 8 MW. More on the 5 projects at: <http://biz.yahoo.com/bw/080107/20080107005635.html?.v=1>  
GE Energy Financial Services: <http://www.geenergyfinancialservices.com/>  
GE: <http://www.ge.com/index.htm>  
SunPower: <http://www.sunpowercorp.com/>

### **1-7-08 Solar Integrated Trial Projects for Global Retailer**

Solar Integrated Technologies has won 4 initial trial projects from a global retailer to supply BIPV roofing systems at stores located in Belgium, Germany, Spain and the U.S. Press at:

<http://www.iii.co.uk/news/?type=afxnews&articleid=6477312&subject=companies&action=article> or <http://tinyurl.com/3aeesu>

Solar Integrated Technologies: <http://www.solarintegrated.com/>

### **1-7-08 More on Gloria Spire Solar PV System for The Lee Company, Connecticut**

Gloria Spire Solar, LLC announced that it has won a contract to design and install a 308-kW PV solar electric system at The Lee Company's manufacturing facility in Westbrook, Connecticut. Story at:

<http://www.centredaily.com/business/story/314397.html>

Gloria Spire Solar: <http://www.gloriaspire.com/>

### **1-7-08 Navigant Consulting's "Solar Outlook" [Paula Mints and Dan Tomlinson]**

The latest issue of "Solar Outlook" is available from the PV Services Program at Navigant Consulting. Solar Outlook is written and published by Paula Mints and Dan Tomlinson. A sample of Solar Outlook, with the lead article "2007 PV Industry Wrap Up, Where are we headed in 2008?" is available on the Navigant Consulting Website. See the sample and the subscription information at:

[http://www.navigantconsulting.com/A559B1/navigantnew.nsf/vGNCNTByDocKey/PPD8DB6A453629/\\$FILE/SO2007-4brochure.pdf](http://www.navigantconsulting.com/A559B1/navigantnew.nsf/vGNCNTByDocKey/PPD8DB6A453629/$FILE/SO2007-4brochure.pdf) or <http://tinyurl.com/yvv3lc>

Navigant Consulting (See Solar Outlook):

<http://www.navigantconsulting.com/A559B1/navigantnew.nsf/cNTDspRead?OpenForm&Cat1=LA2&Cat2=LB3> or <http://tinyurl.com/rmzc6>

### **1-7-08 Renewables in Colorado**

Colorado has the potential to be a huge exporter of renewable energy according to a new report by the Governor's Energy Office. Press at the Denver Post: [http://www.denverpost.com/business/ci\\_7875808](http://www.denverpost.com/business/ci_7875808)

Colorado Energy Forum: <http://www.coloradoenergyforum.org/>

See also, "Enviros To Focus On Solar Energy, Healthy Rivers" with coverage of groups led by the Colorado Environmental Coalition at: <http://cbs4denver.com/local/solar.energy.rivers.2.624271.html>

Colorado Environmental Coalition: <http://www.ourcolorado.org/>

### **1-7-08 Applications for Solar Electricity Generation at BLM, California**

The Needles Field Office of the U.S. Bureau of Land Management has been dealing with an explosion of applications to generate solar electricity on public lands it administers. Story at:

<http://www.mohavedailynews.com/articles/2008/01/06/news/local/local12.txt> or <http://tinyurl.com/2lom7n>

### **1-7-08 Canadian Solar at PHOTON PV Show**

Canadian Solar Inc. will attend the PHOTON Photovoltaic Technology Show in Shenzhen, China from 16-18 January 2008. More at: [http://www.earthtimes.org/articles/show/news\\_press\\_release.250857.shtml](http://www.earthtimes.org/articles/show/news_press_release.250857.shtml) or <http://tinyurl.com/2k7oqk>

PHOTON Events: <http://www.photon-magazine.com/events/events.aspx>

[http://www.photon-expo.com/en/pts\\_2008\\_asia/pts\\_2008.htm](http://www.photon-expo.com/en/pts_2008_asia/pts_2008.htm)

Canadian Solar Inc.: <http://www.csisolar.com/>

### **1-7-08 SPIE, Solar Energy + Applications**

See the SPIE website for information on the "Solar Energy + Applications 2008" portion of the SPIE Optics + Photonics conference set for 10-14 August 2008 in San Diego, California at: <http://spie.org/solar-energy.xml>. Abstracts are due by 28 January.

### **1-7-08 California Solar Forums [Tor Allen]**

See the California Solar Center for information on upcoming Solar Forums to be held in February at:

<http://www.californiasolarcenter.org/solarforum.html>

Registration: [http://www.californiasolarcenter.org/reg\\_forums-w2008.html](http://www.californiasolarcenter.org/reg_forums-w2008.html) or <http://tinyurl.com/2n9hfy>

The Rhaus Institute: <http://www.rahus.org/>

California Solar Center: <http://www.californiasolarcenter.org/index.html>

### **1-7-08 California Renewable Energy Program RFP**

For the California Energy Commission RFP for Technical Assistance for the Renewable Energy Program, view the website at: <http://www.energy.ca.gov/contracts/renewables.html>

### **1-8-08 Worldwide Manufacturing Move Into PV Cell and Module Manufacturing**

Worldwide Manufacturing USA Inc. announced that it will manufacture PV cells and modules for residential, commercial, industrial and public utility applications. The company has filed to change its name to Worldwide Energy and Manufacturing USA, Inc. to reflect its move into the alternative energy sector. Press at: <http://biz.yahoo.com/iw/080108/0345920.html>  
Worldwide: <http://www.wwmusa.com/>

### **1-8-08 Day4 Energy Expansion**

Day4 Energy Inc. announced the arrival of its first batch of proprietary PV production machinery from ACI-ecoTec. The equipment is part of a production line expansion that is designed to more than triple Day4's current annual production capacity at the company's Vancouver-area headquarters from 12 MW to 40 MW by the end of Q2 2008. Press at: <http://www.centredaily.com/business/story/317477.html>  
Day4 Energy: <http://www.day4energy.com/>  
ACI-ecoTec: <http://www.aci-ecotec.de/>

### **1-8-08 Song Long Electronics Solar Ingots**

Sino-American Silicon products recently detailed the operations of Song Long Electronics, a Taiwan-based subsidiary that focuses on producing solar ingots. More at DigiTimes: <http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD00000000000000000000000004277&query=SOLAR> or <http://tinyurl.com/2dm4vr>  
SAS: <http://www.saswafer.com/>

### **1-8-08 Silicon Wafer Availability**

According to this press, despite demand for 8-inch wafers showing signs of decline, Formosa Sumco Technology foresees a shortage of 12-inch silicon wafers persisting throughout 2008. Story at DigiTimes: <http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PB00000000000000000000000003432&query=SOLAR> or <http://tinyurl.com/29luu7>

### **1-8-08 Sunner Solar Operations**

See "ULVAC Production Lines to Support Taiwan-based Thin-film PV Operations with coverage of Sunner Solar Corp." through SolarPlaza <http://www.solarplaza.com/content/news.php> at: [http://www.solarindustrymag.com/e107\\_plugins/content/content\\_lt.php?content.818](http://www.solarindustrymag.com/e107_plugins/content/content_lt.php?content.818) or <http://tinyurl.com/2ucohe>  
Sunner Solar Corp.: <http://www.sunnersolar.com/>

### **1-8-08 PV – Solar Thermal Demonstration Projects, Ontario and Quebec, Canada**

The Honourable Gary Lunn, Minister of Natural Resources, announced \$1.1 million for demonstration projects promoting PV and solar thermal power technologies for commercial and residential use. The technology being demonstrated was developed by Conserva Engineering Inc., pairing a PV component with the SolarWall® air collector.  
Story at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/partner/story;jsessionid=EB5339EF12696BEB873D6651744E9CDE?id=51055> or <http://tinyurl.com/ytlqqs>  
SolarWall®: <http://www.solarwall.com/home/>

### **1-8-08 Borrego Solar System at School, California**

Head-Royce School has completed a 412-panel solar electric system installed by Borrego Solar Systems, Inc. Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR979.htm>  
Borrego Solar: <http://www.borregosolar.com/>

### **1-8-08 California's Solar Electric Incentive Programs, Guidelines**

At its 19 December 2007 Business Meeting, the California Energy Commission adopted the "Guidelines for California's Solar Electric Incentive Programs Pursuant To Senate Bill 1." The adopted Guidelines include an erratum that was presented by staff at the 19 December meeting and accepted by the Energy Commission. The final Guidelines, the notice of availability, and the notice of erratum are all available at: <http://www.energy.ca.gov/sb1/meetings/index.html>  
Go Solar California!: <http://www.gosolarcalifornia.org/>

### **1-8-08 Solar Firms on Solid Ground**

See the story "Solar firms still on solid ground after '07 rally" at Reuters: <http://www.stuff.co.nz/4347625a6026.html>

### **1-8-08 PV Crystalox Solar Results**

See "Climate change fear lifts PV Crystalox Solar" at: <http://www.ft.com/cms/s/0/1e3df95e-bd8d-11dc-b7e6-0000779fd2ac.html> or <http://tinyurl.com/2xkael>  
PV Crystalox: <http://www.crystalox.com/>

### **1-8-08 Carmanah - Enviromena Strategic Alliance**

Carmanah Technologies Corporation has entered into a strategic alliance agreement with Enviromena Power Systems LLC based in Abu Dhabi. As a distributor of solar power products and consulting services, Enviromena will provide Carmanah's solar power solutions from its offices in Abu Dhabi and Dubai to its customers throughout the wider Middle East and North Africa region. Story at: <http://tinyurl.com/3bsa5a>  
Carmanah: <http://www.carmanah.com/content/investors/shownewsrelease.aspx?id=080107> or <http://tinyurl.com/3bj68k>

### **1-8-08 Research and Markets China Solar Industry Report**

Research and Markets announced the addition of "China Solar Energy Industry Research and Forecast, 2008-2010" to their offering. Information at: <http://www.reuters.com/article/pressRelease/idUS144178+08-Jan-2008+BW20080108> or <http://tinyurl.com/yomqce>  
<http://www.researchandmarkets.com/reports/c78628>

### **1-8-08 Renewables in Germany**

The German Association for Renewable Energy, or BEE, said that power from renewable energy sources in 2007 accounted for 9.1% of all power used in Germany, up from 8% the previous year. Press at: <http://www.nasdaq.com/aspxcontent/NewsStory.aspx?cpath=20080108%5cACQDJON200801081126DOWJONESDJONLINE000479.htm&> or <http://tinyurl.com/2krfu5>  
BEE: <http://www.bee-ev.de/index.php?a=110>

### **1-8-08 Western Clean Energy Review, 2007 [Craig Cox]**

For the "Western Clean Energy Year in Review: 2007" from Interwest Energy Alliance, see: <http://www.interwest.org/documents/highlights/2007/index.html>

### **1-8-08 Cleantech Investor Summit**

For information on the 4<sup>th</sup> Annual Clean-tech Investor Summit, 6-7 February 2008 in Palm Spring, California, visit the Website at: <http://www.cleantechsummit.com/>

### **1-8-08 Distributed Energy Resources Symposium**

For information on the California Alliance for Distributed Energy Resources 10<sup>th</sup> Anniversary International Symposium, "Turning on Distributed Energy Resources Locally, Nationally and Globally", 30 January – 1 February 2008 in San Diego, California, visit CADER at: <http://www.cader.org/>

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

### **1-8-08 NABCEP Solar Thermal Exam Prep**

On 11-12 February 2008, the Interstate Renewable Energy Council is offering a web-based Preparatory Training for the NABCEP Solar Thermal Exam. Information at:

<http://www.renewableenergyaccess.com/rea/partner/story?id=51067> or <http://tinyurl.com/2kuena>  
NABCEP: <http://www.nabcep.org/>

### **1-9-08 Oerlikon Production**

According to this press, Oerlikon plans to double production of machinery for solar panels. The company will expand factories in Asia by the end of this year. More at Bloomberg.com:

<http://www.bloomberg.com/apps/news?pid=20601085&sid=aJNEycWGvk58> or <http://tinyurl.com/2v5guf>  
Oerlikon: <http://www.oerlikon.com/>

### **1-9-08 JUSUNG – CEA Collaboration on Heterojunction Solar Cells**

JUSUNG, a Korean company, and CEA, a French research organization, have signed an agreement to collaborate on the development of silicon-based heterojunction solar cells. Story at Solarbuzz:

<http://www.solarbuzz.com/News/NewsEUTE20.htm>

JUSUNG: <http://221.163.10.3/kor/>

CEA: <http://www.cea.fr/>

### **1-9-08 JACO Silicon Feedstock**

JACO SOLARSI LTD. has started large-scale commercial production of silicon feedstock using a metallurgical purification approach. Story at Solarbuzz:

<http://www.solarbuzz.com/News/NewsASMA135.htm>

JACO: <http://www.jaco.cn/>

SOLARSI(R): <http://www.jaco.cn/solarsi.html>

### **1-9-08 Nanostructure Film**

See “Nanostructure film promises solar breakthrough” with coverage of research by a team from California, Mexico and China, at: <http://uk.news.yahoo.com/vdunet/20080109/ttc-nanostructure-film-promises-solar-br-6315470.html> or <http://tinyurl.com/2m4bgc>

### **1-9-08 Eurovoltaic Agreement with Deutsche Bank**

Eurovoltaic Plc announced that it has entered into a mandate agreement with Deutsche Bank AG to raise up to 200 million Euros, the proceeds of which will be used to acquire 30 MW of solar power stations in the Cordoba region of Spain as a first step to expand business to regions in Europe with sufficient solar radiation. Press at: [http://www.stock-world.de/nachrichten/dgap/2472122-DGAP\\_News\\_EUROVOLTAIC\\_PLC\\_english.html](http://www.stock-world.de/nachrichten/dgap/2472122-DGAP_News_EUROVOLTAIC_PLC_english.html) or <http://tinyurl.com/2cfeh7>

Eurovoltaic: [http://www.eurovoltaic.de/home/index\\_e.php?lang=en](http://www.eurovoltaic.de/home/index_e.php?lang=en)

### **1-9-08 ICP Solar 2008 Product Line**

ICP Solar Technologies Inc. announced that ICP senior management is introducing the 2008 Sunsei® product line at the International CES, 7-10 January 2008 in Las Vegas, Nevada. Story at:

<http://www.reuters.com/article/pressRelease/idUS214259+08-Jan-2008+BW20080108> or

<http://tinyurl.com/2jrtz4> ICP Solar: <http://www.icpsolar.com/>

### **1-9-08 Energy Bill Troubles Solar**

See the story “Energy Bill Troubles Solar Industry” at:

[http://biz.yahoo.com/ap/080108/energy\\_bill\\_solar\\_power.html?.v=1](http://biz.yahoo.com/ap/080108/energy_bill_solar_power.html?.v=1)

### **1-9-08 Solar Incentives in San Francisco, California**

The San Francisco Public Utilities Commission approved a new local subsidy for residents and businesses that install solar power, which is expected to win final approval from the San Francisco Board of Supervisors. Press through Solarbuzz <http://www.solarbuzz.com/News/Newspage.asp> at:

<http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2008/01/09/BAMVUBFT5.DTL> or <http://tinyurl.com/33xhnl>

### **1-9-08 Suntech at Investor and Industry Events**

Suntech Power Holdings Co., Ltd. announced that management is scheduled to participate in a number of upcoming investor conferences and industry events. Story at:

<http://biz.yahoo.com/prnews/080109/cnw011.html?v=40>

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

### **1-9-08 Utility Association Solar Teleconference Seminars [Julia Hamm, Emily Brown]**

The Solar Electric Power Association announced the first 6 of 12 utility solar-focused conference calls in 2008. Each call features a national solar expert presenting information on topics relevant to both utilities and the solar industry, followed by facilitated dialogue and questions. Information at SEPA:

<http://www.SolarElectricPower.org/>

Registration: <http://www.regonline.com/Checkin.asp?EventId=119722>

### **1-9-08 Greentech Investor Conference**

InvestorIdeas.com announced its 2008 Global Greentech Online Investor Conference available 21 March 2008. The conference theme is "Insight into Global Green Investing Trends and Opportunities in Solar, Wind, Biofuel, Green Transportation, and Water." Information at:

<http://www.investorideas.com/Forums/Portals/Green2.aspx>

InvestorIdeas.com: <http://www.investorideas.com/>

### **1-9-08 Clean Technology Conference**

See information on "Clean Technology 2008", set for 1-5 June 2008 in Boston, Massachusetts, at the Clean Technology and Sustainable Industries Organization Website:

<http://www.csievents.org/Cleantech2008/>

### **1-9-08 Phönix Projekt & Service Renamed Phoenix Solar Energy Investments [Andrea Zepf]**

Phönix Projekt & Service AG, a subsidiary of Phoenix Solar AG, was renamed as Phoenix Solar Energy Investments AG in December. Press at Phoenix Solar:

[http://www.phoenixsolar.com/Press/PressReleases/content/articles/PM\\_080109.html?uri=/index.html](http://www.phoenixsolar.com/Press/PressReleases/content/articles/PM_080109.html?uri=/index.html) or

<http://tinyurl.com/2dd8vx>

### **1-9-08 EERE Network News, FY 2008 Appropriations [Kevin Eber]**

See the latest issue of EERE Network News, with coverage of the FY 2008 Consolidated Appropriations Act, including links to funding information for Energy Efficiency and Renewable Energy, at:

<http://www.eere.energy.gov/news/enn.cfm>

[http://www.eere.energy.gov/news/enn.cfm#id\\_11509](http://www.eere.energy.gov/news/enn.cfm#id_11509)

### **1-9-08 PV Design and Installation Manual**

For information on SEI's "Photovoltaics Design and Installation Manual", see RenewableEnergyAccess

at: <http://www.renewableenergyaccess.com/rea/catalog/product?id=22286> or <http://tinyurl.com/36mqmk>

SEI: <http://www.solarenergy.org/resources/store.html>

### **1-9-08 Renewable Energy World**

The November / December 2007 issue of Renewable Energy World, with PV articles on nano-based technologies, price parity for US solar, and reducing environmental impacts from solar PV, is available at:

<http://www.renewable-energy-world.com/currentissue/index.cfm?p=121> or <http://tinyurl.com/y94u9v>

### **1-9-08 UniRac – Wiley Electronics Alliance**

UniRac Inc. announced their expanded relationship with Wiley Electronics LLC, which will enhance UniRac's technology offering for solar installers. Press at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/partner/story?id=51082> or <http://tinyurl.com/2rqnwI>

UniRac@: <http://www.unirac.com/>

Wiley Electronics LLC: <http://www.we-llc.com/>

## In related solar news...

### **1-9-08 CSP Congress in Spain [Matthew Probyn]**

For information on “The CSP Congress™”, 5-6 February 2008 in Barcelona, Spain, go to:  
<http://greenpower.msgfocus.com/q/12ig6rvpZjSNS/wv>  
[http://www.greenpowerconferences.com/renewablemarkets/csp\\_barcelona08.html](http://www.greenpowerconferences.com/renewablemarkets/csp_barcelona08.html) or  
<http://tinyurl.com/2onz9t>

### **1-9-08 Spanish CSP Plants, SEPA**

See “SEPA Showcases Spanish CSP Plants; Announces Conference Call Series” at RenewableEnergyAccess:  
<http://www.renewableenergyaccess.com/rea/news/story;jsessionid=1D1C166A8D2E3464C5C81E22992954BF?id=51085> or <http://tinyurl.com/3dzs32>

### **1-9-08 Finance Models**

See “SunEdison Copycats Take Finance Model Beyond PV” at GreenTech Media:  
<http://www.greentechmedia.com/articles/sunedison-copycats-take-finance-model-beyond-pv-466.html> or  
<http://tinyurl.com/2brqo9>

### **1-10-08 PV Solicitation for 34 MW of PV Projects in Hawaii**

Hawaii Governor Linda Lingle announced an historic plan to develop large solar power arrays at 12 locations around the state. Under the plan, the state Department of Transportation – Airports Division is soliciting proposals from companies to develop as much as 34 MW of PV systems at 11 DOT sites as well as the Hawaii Foreign-Trade Zone in downtown Honolulu. More at Solarbuzz:

<http://www.solarbuzz.com/News/NewsNAPR981.htm>

Governor’s Office: <http://www.hawaii.gov/gov>

Other press: <http://washington.bizjournals.com/pacific/stories/2008/01/07/daily33.html> or

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

Procurement Notices: <http://www4.hawaii.gov/bidapps/ShowBids.cfm> (search on photovoltaic)

### **1-10-08 SCHOTT Solar Thin-film Module Shipments**

SCHOTT Solar has started shipping amorphous silicon modules from its new factory in Jena, Germany. According to the story, SCHOTT Solar says its sales partners see the new encapsulated SCHOTT ASI 86 thin-film module as a valuable extension to the product portfolio. Story at Solarbuzz:

<http://www.solarbuzz.com/news/NewsEUPT56.htm>

SCHOTT Solar: <http://www.us.schott.com/photovoltaic/english/index.html>

### **1-10-08 ReneSola IPO**

ReneSola Ltd. plans an initial public offering of American Depositary Shares, according to a Securities and Exchange Commission filing. Story at: [http://biz.yahoo.com/ap/080109/renesola\\_ipo.html?v=1](http://biz.yahoo.com/ap/080109/renesola_ipo.html?v=1)  
ReneSola: <http://www.renesola.com/>

### **1-10-08 China Nuvo Solar Proceeds**

China Nuvo Solar Energy, Inc. announced that it has closed and received net proceeds in funding of \$311,900 from a commitment of up to \$700,000 pursuant to an investment banking agreement. The company intends to use the proceeds to further develop its unique stacked solar cell technology for which it currently holds exclusive worldwide license rights. More at:

<http://www.centredaily.com/business/story/323580.html>

### **1-10-08 ICOS Solar Cell Inspection Equipment Order**

ICOS Vision Systems Corporation NV has received its largest order to date for its solar cell inspection equipment worth 2.3 million Euros from an undisclosed Taiwanese company. The order comprises inspection modules for in-line integration on several new solar cell production lines and is scheduled for delivery over the first half of 2008. Story December 3<sup>rd</sup> at:

<http://news.thomasnet.com/companystory/809131>

ICOS: <http://www.icos.be/EN/01.shtml>



### **1-10-08 SolarBrook Water and Power Expansion in Solar**

SolarBrook Water and Power Corporation announced that the company has expanded its recently announced Solar Integration Committee and signed agreements with two renewable energy professionals. Story at: <http://biz.yahoo.com/iw/080110/0347004.html>  
SolarBrook: <http://www.solarbrook.com/>

### **1-10-08 Solar Stocks**

See the story "China emerges as hot spot for solar stock plays" at Globe and Mail Update: <http://tinyurl.com/2u4rqa>

### **1-10-08 European PV Industry Association Events [Kinga Timaru-Kast]**

EPIA announced 3 events it is co-organizing in the next 3 weeks:

31 January 2008, Brussels, "PV solar energy – the way forward" (morning) and "Building Integrated PV – a market segment with a huge potential" (afternoon) within Sustainable Energy Week

<http://www.eusew.eu/page.cfm?page=events&selEvent=91>

<http://www.eusew.eu/page.cfm?page=events&selEvent=90>

19-20 February 2008, Frankfurt am Main, "2<sup>nd</sup> International Conference on Solar Photovoltaic Investments"

[http://www.epia.org/index.php?id=69&tx\\_smfepiaeevents\\_pi1\[uid\]=18](http://www.epia.org/index.php?id=69&tx_smfepiaeevents_pi1[uid]=18) or <http://tinyurl.com/2zk8wj>

### **1-10-08 RenewableEnergyAccess Podcast, Solar Stocks, Feed-in Tariffs**

In the latest Podcast, Independent Wall Street analyst J. Peter Lynch gives his perspective on how investors should approach solar stocks, the possible impact of high oil prices, and how the U.S. market approaches renewable energy compared to the rest of the world. Also in the Podcast is Peter Roderick, Co-Director of the Climate Justice Programme, covering a new World Future Council website designed to educate policy makers and others about how best to implement Feed-in Tariffs. Podcast at:

<http://www.renewableenergyaccess.com/rea/news/podcast?id=51086> or <http://tinyurl.com/yqhab2>

World Future Council: <http://www.worldfuturecouncil.org/>

Climate Justice Programme: <http://www.climatelaw.org/>

### **1-10-08 World Economy, Climate Change**

See the story "Climate Change Redrawing World Economy, WorldWatch Says" at Greentech Media: <http://www.greentechmedia.com/articles/climate-change-redrawing-world-economy-worldwatch-says-471.html> or <http://tinyurl.com/3xp4t6>

WorldWatch Institute: <http://www.worldwatch.org/>

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

#### **1-10-08 nCoat Agreement with Sunvention and BSR Solar Technologies**

nCoat, Inc. announced the signing of an agreement for business collaboration and commercial product development with Sunvention USA, Inc. and BSR Solar Technologies GmbH using nCoat nanotechnology coatings in a Concentrated Solar Thermal Power system. nCoat coatings will also be used to protect solar "Green Energy" systems developed and built by SV-US and BSR. More at:

<http://tinyurl.com/36mo66>

Sunvention USA: <http://www.sunvention.us/>

BSR Solar Technologies: <http://www.bsrsolar.com/>

nCoat, Inc.: <http://www.ncoat.com/>

#### **1-10-08 Concentrated Solar Energy Project to Synthesize Fuel**

A research team from Sandia National Laboratories is building a prototype device intended to chemically "reenergize" carbon dioxide into carbon monoxide using concentrated solar power, which could then be used to make hydrogen or serve as a building block to synthesize a liquid, combustible fuel. The prototype device is called the "Counter Rotating Ring Receiver Reactor Recuperator (CR5)". Story at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story.jsessionid=C178C73A3E5FACDC3533D6B8D3D50335?id=51070> or <http://tinyurl.com/29txqy>

### **1-10-08 Concentrated Solar Energy Project to Synthesize Fuel – continued.**

Sandia Press (Dec. 5): <http://www.sandia.gov/news/resources/releases/2007/sunshine.html>

Sandia: <http://www.sandia.gov/>

### **1-11-08 Spire Corporation Strategic Update**

Spire Corporation announced that its recent 53,000 square foot solar manufacturing facility expansion, together with its refocused Spire Semiconductor solar-cell concentrator operations, are on track to significantly grow the company's revenues in the solar energy and solar capital equipment markets. More on the strategic update at: <http://www.centredaily.com/business/story/325351.html>

Spire Corporation: <http://www.spirecorp.com/>

### **1-11-08 ARISE Technologies Agreement with SOLON**

ARISE Technologies Corporation announced that its wholly owned subsidiary ARISE Technologies Deutschland GmbH has entered into an agreement with SOLON AG to supply PV cells. Under the terms of the agreement, ARISE Germany will supply SOLON with 212 MW of PV cells over a 5-year period.

More at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO686.htm>

ARISE Technologies: <http://www.arisetech.com/>

SOLON AG: <http://www.solonag.com/>

### **1-11-08 Oerlikon Solar in Singapore, Asia Business**

Oerlikon Solar is boosting its presence and proximity to customers in Asia while continuing to expand production, development and support for its thin-film silicon solar energy solutions via establishment of a new location in Singapore. Story at DigiTimes:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=000000000000000000000000008561&query=SOLAR> or <http://tinyurl.com/yqw5x3>

Additional press: <http://malaysia.news.yahoo.com/rtrs/20080111/tbs-oerlikon-7318940.html> or

<http://tinyurl.com/2o3v6y>

<http://www.channelnewsasia.com/stories/singaporebusinessnews/view/322015/1.html> or

<http://tinyurl.com/2rtg9g>

Oerlikon: <http://www.oerlikon.com/>

### **1-11-08 Solargiga Road Show**

According to this press, Wafer Works has confirmed that its subsidiary in China, Solargiga Energy Holdings, will kick off its road show next week for its IPO in Hong Kong. Press at DigiTimes:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD00000000000000000000000004335&query=SOLAR> or <http://tinyurl.com/yvfakm>

Wafer Works: <http://www.waferworks.com/>

### **1-11-08 Sputtering Materials CIG and CIGS PVD Target Casting Service**

Sputtering Materials, Inc. announced it is now offering high-density CIG rotatable targets for thin film solar manufacturers. The company has invested over 3 years of R&D in creating a process for casting CIG and CIGS onto planar and rotatable backplates. More at:

<http://www.centredaily.com/business/story/324769.html>

Sputtering Materials, Inc.: <http://www.sputteringmaterials.com/>

### **1-11-08 Precision Silicon Solar Cell Developments**

According to this press, Precision Silicon has claimed success in developing epitaxial silicon thin-film solar cells with a conversion efficiency of 12%, but the company said it will not start volume production because of the high production costs. Story at DigiTimes:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD00000000000000000000000004328&query=SOLAR> or <http://tinyurl.com/3ctf35>

Precision Silicon: <http://www.psilicon.com.tw/home/index.htm>

### **1-11-08 Solarfun Sales, Polysilicon Supply, Module Contract**

See "Solarfun Announces Update on Sales and Polysilicon Supply" at:  
<http://au.biz.yahoo.com/080111/43/1k7s9.html>

Additional press at:

<http://www.reuters.com/article/rbssTechMediaTelecomNews/idUSWNAS626320080111> or  
<http://tinyurl.com/2e4348>

<http://sg.news.yahoo.com/rtrs/20080111/tbs-solarfun-contract-7318940.html> or <http://tinyurl.com/2dggaw>

Hoku Scientific and Solarfun Power Hong Kong Limited, a subsidiary of Solarfun Power, have amended their polysilicon supply contract to allow Solarfun until February 15, 2008 to process the required statutory approval for the issuance of a \$44 million standby letter of credit. Stories at Solarbuzz:

<http://www.solarbuzz.com/News/NewsNACO684.htm> and

<http://the.honoluluadvertiser.com/article/2008/Jan/10/br/br6482170953.html> or <http://tinyurl.com/2rnvd3>

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

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

### **1-11-08 Clear Skies Holdings Merger Transaction and Stock Trading**

Clear Skies Holdings, Inc. announced the completion of a merger transaction and the commencement of its stock trading. Said the company's CEO and Chairman Ezra Green, "As a publicly traded company, we believe we will be in a better position to take advantage of the growing opportunities emerging in the solar industry." More at: <http://biz.yahoo.com/bw/080110/20080110005118.html?.v=1>

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

See also "Clear Skies Holdings, Inc. Hires PR Financial Marketing" at: <http://tinyurl.com/yvnhtu>

### **1-11-08 Photovoltaic Solar Cells Inc. Developments**

Photovoltaic Solar Cells Inc. is currently awaiting the assignment of its symbol for trading on the OTCBB. The company is in the process of constructing the manufacturing equipment to make solar cells in a roll-to-roll process. More at: <http://biz.yahoo.com/prnews/080111/clf005.html?.v=101>

Photovoltaic Solar Cells Inc.: <http://www.photovoltaicsolarcells.com/>

### **1-11-08 Moser Baer's Bet on Solar**

See "Moser Baer's new bet on solar energy" at: <http://www.livemint.com/2008/01/11001211/Moser-Baer8217s-new-bet-on.html> or <http://tinyurl.com/2g6z7z>

### **1-11-08 Xantrex Contract with SOLON**

Xantrex Technology has signed a contract for 2008 with SOLON AG valued at about US\$12 million to supply solar grid-tie inverters for the European, North American, and Australian markets. More at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO685.htm>

Xantrex: <http://www.xantrex.com/>

SOLON AG: <http://www.solonag.de/>

### **1-11-08 Dyesol Market Update**

The first volume manufacturing plant for Dye Solar Cell 3<sup>rd</sup> generation solar panels will come on line in 2008, and DSC product development is intensifying in Europe and Asia. Paul Maycock has identified 12 companies in the dye, nano and organic solar cell sector expected to bring solar panels to the market by 2010. More at: <http://tinyurl.com/28fack>

Dyesol: <http://www.dyesol.com/index.php?page=Home>

Online Presentations – Dyesol:

<http://www.brr.com.au/event/38195>

<http://www.brr.com.au/event/38776>

### **1-11-08 Energy Conversion Devices Senior Management Additions**

Energy Conversion Devices, Inc. announced 3 new additions to its senior management team reporting directly to President and CEO Mark Morelli. Story at:

<http://www.centredaily.com/business/technology/story/325245.html>

ECD Ovonic: <http://www.ovonic.com/>

### **1-11-08 PV Power Plant in Spain**

Spain's Industry Minister, Joan Clos officially inaugurated a 100-hectare PV energy plant in La Hoya de Vicentes, Jumilla. See "Europe's largest PV solar plant has opened in southeastern Spain" through SolarPlaza <http://www.solarplaza.com/content/news.php> at: [http://www.typicallyspanish.com/news/publish/article\\_14522.shtml](http://www.typicallyspanish.com/news/publish/article_14522.shtml)

### **1-11-08 More on Hawaii's Solar Power Plan**

Proposals from private companies are being solicited to develop 34 MW of PV systems in Hawaii. More on this story at: [http://biz.yahoo.com/ap/080110/hi\\_solar\\_power.html?.v=1](http://biz.yahoo.com/ap/080110/hi_solar_power.html?.v=1)

### **1-11-08 Solar in Colorado**

"Go Solar" is the mantra of Democratic lawmakers as they prepare to introduce a number of bills in the 2008 General Assembly to boost solar energy in Colorado. More at the Rocky Mountain News: <http://www.rockymountainnews.com/news/2008/jan/04/measures-aim-to-boost-solar-energy/> or <http://tinyurl.com/25r5ee>

### **1-11-08 PV System at Delta Products, North Carolina**

A 30-kW PV system was switched on at Delta Products' office in Research Triangle Park on 7 January. Delta partnered with Southern Energy Management to engineer, design and install the solar system.

Story at: <http://biz.yahoo.com/bw/080111/20080111005285.html?.v=1>

Southern Energy Management: <http://www.southern-energy.com/>

NC GreenPower Environmental Benefits Calculator: <http://www.ncgreenpower.org/signup/calculator.html>

### **1-11-08 California Solar Initiative Forum**

The California Public Utilities Commission will hold a California Solar Initiative Forum on 17 January at PG&E Headquarters in San Francisco. Information at:

<http://www.gosolarcalifornia.ca.gov/calendar/index.html>

### **1-11-08 Solar in Germany**

See "Germany's sunny revolution" at BBC Radio: <http://news.bbc.co.uk/1/hi/business/7181866.stm>

### **1-11-08 Too Much PV?**

See the story "Too Much PV in 2008?" featuring Jerome Ball, a stock trader and author of the Alternative Energy Trading blog, at Greentech Media: <http://www.greentechmedia.com/articles/too-much-pv-in-2008-480.html> or <http://tinyurl.com/3djr5x>

### **1-11-08 Solar Spotlight**

See "The sun shines on the solar industry's quest for 'grid parity'" at Financial Times:

<http://www.ft.com/cms/s/0/41cf4f74-bf9c-11dc-8052-0000779fd2ac.html> or <http://tinyurl.com/yu4d4f>

### **1-11-08 ATK Solar Arrays for NASA Exploration Vehicle**

Alliant Techsystems has been selected by Lockheed Martin Space Systems Company to design, develop and build UltraFlex solar arrays for NASA's next generation Orion crew exploration vehicle. More at:

<http://www.centredaily.com/business/story/326284.html>

ATK: <http://www.atk.com/>

### **1-11-08 UT Solar Decathlon House For Sale**

The University of Texas Solar Decathlon house is up for sale. Story at:

[http://www.bizjournals.com/austin/stories/2008/01/07/daily37.html?ana=from\\_rss](http://www.bizjournals.com/austin/stories/2008/01/07/daily37.html?ana=from_rss) or

<http://tinyurl.com/2m845g>

Solar Decathlon: <http://www.solardecathlon.org/>

### **1-11-08 World Future Council Website**

The World Future Council announced the release of a new website designed to provide policy makers, regulators and advocates with comprehensive information on renewable energy adoption policies in order to speed up the procurement of clean energy around the world. The website is called Policy Action on Climate Toolkit (PACT). More information at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story;jsessionid=76AB825EF8FA82625CE2419041A5EDA6?id=51093> or <http://tinyurl.com/34a279>

PACT: <http://www.onlinepact.org/>

World Future Council: <http://www.worldfuturecouncil.org/>

### **1-11-08 Cleantech Forum**

Cleantech Forum® XVI is set for 25-27 February 2008 in Francisco, California. Information at:

<http://cleantechnetwork.com/index.cfm?pageSRC=SanFranciscoForum> or <http://tinyurl.com/39h3bo>

### **1-11-08 PV Online Course**

Solar Energy International is offering an advanced PV online course designed to follow the PV Design & Installation workshop or the PV Design Online course with the next level of design criteria and maintenance issues. Information at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/events/view?id=44878>

Registration Website: <http://www.solarenergy.org/workshops/advpvpvonline.html>

Solar Energy International: <http://www.solarenergy.org/>

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

#### **1-11-08 Solar Thermal in Arizona**

Improving technology and the state's ever increasing appetite for electricity could bring a surge in the number of solar power plants according to experts who gathered in Phoenix. See "Forum finds bright future in solar power" at: <http://www.azcentral.com/business/articles/0110biz-solar0111-ON.html> or <http://tinyurl.com/2v3de4>

Central Solar Power Forum: <http://solar.nau.edu/csp/program.html>