

## NCPV Hotline — Week of January 26-30, 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)>

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### 1-26-09 ersol New Thin-film Module

ersol Thin Film GmbH introduced the Nova(R)-T plus module, a new thin-film module featuring a front panel made from toughened glass. Press at:

[http://www.solarindustrymag.com/e107\\_plugins/content/content\\_lt.php?content.2417](http://www.solarindustrymag.com/e107_plugins/content/content_lt.php?content.2417) or <http://tinyurl.com/abdhar>

ersol Thin Film GmbH: <http://tinyurl.com/c6bwrw>

<http://www.ersol.de/en/newsmediarelations/>

### 1-26-09 Yingli Green Energy Credit Agreement

Yingli Green Energy Holding Company Limited announced that one of its wholly owned subsidiaries has entered into a credit agreement for a 3-year loan facility with a fund managed by Asia Debt Management Hong Kong Limited to secure additional financing for its business expansion. Press at:

<http://finance.yahoo.com/news/Yingli-Green-Energy-Enters-pnews-14149746.html> or

<http://tinyurl.com/dk87qe>

Solarbuzz: <http://www.solarbuzz.com/News/NewsASCO398.htm>

Yingli: <http://www.yinglisolar.com/enmain/user/index.asp>

### 1-26-09 Solar in Gujarat, India

According to this story, the western Indian state of Gujarat has become the new solar hot spot thanks to a 25-year plan for fixed-rate tariffs. See the story "Solar farms flock to Gujarat for new tariff plan" at:

<http://cleantech.com/news/4087/solar-farms-flock-gujarat-new-tariff-plan> or <http://tinyurl.com/bmnkko>

### 1-26-09 Roth & Rau Order

Roth & Rau AG has received an order to supply two turnkey production lines worth EUR 26 million. The lines, which have production capacities of 60 MWp each, are being supplied to the Korean solar cell manufacturer Millinet Solar. Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsASMA224.htm>

and <http://tinyurl.com/bu3r3e>

Roth & Rau: [http://www.roth-rau.de/php\\_en\\_n/](http://www.roth-rau.de/php_en_n/)

Millinet Solar: <http://www.millinetsolar.com/>

### 1-26-09 Air Products Supply Contract with Gadir Solar

Air Products has signed a turnkey gas supply contract to provide liquid bulk and specialty gases, related gas distribution equipment, and engineering services to Gadir Solar at its new silicon thin-film PV facility in Spain. Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsEUMA278.htm>

Air Products: <http://www.airproducts.com/electronics/photovoltaics.htm>

### **1-26-09 Arima EcoEnergy Test Compliance**

Arima EcoEnergy Technologies Corp. announced that the company passed all IEC 62108 indoor tests and obtained the compliance from ISFOC.

Press at CPV Today: <http://tinyurl.com/aklja8>

Arima EcoEnergy: <http://www.arimaeco.com/>

### **1-26-09 ActSolar Research Grant, California**

ActSolar Inc. has been awarded a \$750,000 research grant from the California Energy Commission's Public Interest Energy Research program. ActSolar, Santa Clara University, and SolarTech plan to deploy several PV arrays.

Press at: [http://www.solarindustrymag.com/e107\\_plugins/content/content\\_lt.php?content.2415](http://www.solarindustrymag.com/e107_plugins/content/content_lt.php?content.2415) or <http://tinyurl.com/atfm84>

ActSolar: <http://www.actsolar.com/investors/>

PIER: <http://www.energy.ca.gov/pier/>

### **1-26-09 Sunrise Solar Projects in Mexico**

Sunrise Solar Corp. announced that it has accepted the opportunity to provide solar power resources to two large hospitals in Mexico.

Press at: <http://finance.yahoo.com/news/Sunrise-Solar-Expands-bw-14151942.html> or <http://tinyurl.com/cm4n3o>

Sunrise Solar: <http://www.sunrisesolarcorp.com/>

### **1-26-09 6N Silicon Featured**

See coverage of 6N Silicon at Cleantech(R): <http://cleantech.com/news/4091/6n-says-lower-silicon-purity-means-lower-solar-prices> or <http://tinyurl.com/b7ods5>

6N Silicon: <http://www.6nsilicon.com/s/Home.asp>

### **1-26-09 Head of REC Silicon Operations**

Renewable Energy Corp has appointed Tore Torvund to head its silicon operations.

Press at: <http://www.reuters.com/article/rbssEnergyNews/idUSLQ12578220090126> or <http://tinyurl.com/acucss>

REC: <http://www.recgroup.com/>

### **1-26-09 Solar Energy Site Analysis**

The Solmetric SunEye(TM) version 2.8 adds new views of shade data and further enhances solar energy site analysis. Press at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/partner/story?cid=6689&id=54585> or <http://tinyurl.com/d9aezo>

Solmetric: <http://www.solmetric.com/support.html>

### **1-26-09 Ideal Locations for Solar Installations**

See the story "Where Will Your Solar Installation Go?" at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/news/reinsider/story?id=54446> or <http://tinyurl.com/bsz84j>

### **1-26-09 Feed-in Rates for Renewable Technologies**

See the story "Feeding In Renewable Energy Breakthroughs" at Greentech Media:

<http://www.greentechmedia.com/articles/feeding-in-renewable-energy-breakthroughs-5556.html> or

<http://tinyurl.com/8n57xd>

### **1-26-09 Final Call for Registration, CPV Summit [Joshua Bull]**

The Concentrated Photovoltaics Summit USA 2009 is set for 3-4 February in San Diego, California. For more information and registration, go to: <http://www.cpvtoday.com/usa/>

<https://secure.firstconf.com/cpvtoday/usa/register.htm>

### **1-26-09 Intersolar Support for Young Solar Companies**

Intersolar's organizers have reiterated their support of young and innovative companies in the solar industry and will continue to offer reduced rates for such participants at Intersolar 2009.

Press at PV Tech: <http://tinyurl.com/ajlwjj>

Intersolar 2009: [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>

### **1-26-09 EUEC Energy & Environment Conference**

The EUEC Energy & Environment Conference is set for 1-4 February in Phoenix, Arizona. See the Renewable Energy Track in the Program Agenda at: <http://www.euec.com/html/home.htm>

### **1-26-09 Italian PV Market, Report**

Research and Markets announced the addition of the report, "The Italian Photovoltaic Market 2008 – Overcoming Obstacles", to its offering.

Press at: <http://www.centredaily.com/business/technology/story/1077709.html>

Research and Markets: [http://www.researchandmarkets.com/research/aa9f1c/the\\_italian\\_photov](http://www.researchandmarkets.com/research/aa9f1c/the_italian_photov) or <http://tinyurl.com/bkzr84>

### **1-26-09 More on Solar Action Plan, China**

The Chinese Academy of Sciences has launched an initiative to boost the development of solar energy technology and has organized experts to make an action plan.

Press at: [http://news.xinhuanet.com/english/2009-01/26/content\\_10720497.htm](http://news.xinhuanet.com/english/2009-01/26/content_10720497.htm)

### **1-26-09 U.S. Economic Stimulus Bill**

Both the House and Senate are working on versions of an economic stimulus bill that will include substantial energy sections.

Press at: <http://uk.reuters.com/article/marketsNewsUS/idUKN2331866420090123> or <http://tinyurl.com/dxzq6p>

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

#### **1-26-09 Solar Millennium Stake in Ibersol Electricidad Solar Iberica**

Solar Millennium AG has acquired a 50% stake in Ibersol Electricidad Solar Iberica S.L. from NEO Energia, a subsidiary of Energias de Portugal S.A. Solar Millennium intends to start work on a 50-MW parabolic trough power plant being planned by Ibersol in mid-2009. Story at RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/news/story?id=54579>

Solar Millennium: <http://www.solarmillennium.com/>

EDP Group: <http://www.edp.pt/EDPI/Internet/EN/Group/AboutEDP/default.htm>

#### **1-26-09 Solar Cooling System for Steinway & Sons, New York**

Steinway & Sons has installed an \$825,000 solar-powered rooftop system to provide cool air to dehumidify its factory in Queens.

Press at: [http://www.menafn.com/qn\\_news\\_story.asp?StoryId=%7b1D1A0B4B-9425-41F9-907A-0DFFA4D5A6C4%7d](http://www.menafn.com/qn_news_story.asp?StoryId=%7b1D1A0B4B-9425-41F9-907A-0DFFA4D5A6C4%7d) or <http://tinyurl.com/ajx4my>

#### **1-26-09 Telkonet PLC Implementation for Sandia's National Solar Thermal Test Facility**

Telkonet, Inc. has won a contract to supply the Telkonet Series 5(TM) 200 Mbps power line communications system to the U.S. DOE's National Solar Thermal Test Facility. Press at:

<http://finance.yahoo.com/news/Telkonet-Wins-Cutting-Edge-bw-14151610.html> or

<http://tinyurl.com/bp9av2>

Telkonet: <http://www.telkonet.com/>

National Solar Thermal Test Facility: [http://www.sandia.gov/Renewable\\_Energy/solarthermal/nsttf.html](http://www.sandia.gov/Renewable_Energy/solarthermal/nsttf.html)

NOTE: With each NCPV Hotline mailing, there is a small and variable number of recipients' servers that reject the mailing as spam. It may be necessary to specifically allow the emails through spam filters if the emails are being blocked. All mailings are subsequently posted in the archives.

### **1-27-09 TEPCO 10-MW Solar Power Plant, Japan**

Tokyo Electric Power Co said it plans to build a 10-MW solar power plant in central Japan.

Press through Solarbuzz <http://www.solarbuzz.com/News/NewsPage.asp> at: <http://tinyurl.com/amvycc>

TEPCO: <http://www.tepco.co.jp/en/>

### **1-27-09 Suntech and Standard Solar 5-MW Solar Panel Supply Agreement**

Suntech Power Holdings Co., Ltd. and Standard Solar, Inc. reached an agreement under which Suntech will supply up to 5 MW of PV panels during 2009.

Press at: <http://tinyurl.com/b9ddph>

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

Standard Solar: <http://www.standardsolar.com/Home.aspx>

### **1-27-09 Phoenix Solar 2009 Guidance, Long-term Outlook to 2013**

Phoenix Solar AG announced its guidance for the financial year 2009. In addition, the Board of Directors gave a long-term outlook for the company up to 2013. Press at Phoenix Solar:

[http://www.phoenixsolar.com/Press/PressReleases/\\_content/articles/PM\\_090127.html?uri=/index.html](http://www.phoenixsolar.com/Press/PressReleases/_content/articles/PM_090127.html?uri=/index.html) or <http://tinyurl.com/afxbz2>

### **1-27-09 Recurrent Energy PV System for School, California**

San Domenico School and Recurrent Energy are dedicating a 412-kW solar electric system comprising 2,358 PV panels spread across several roof- and ground-mounted arrays. Recurrent Energy financed, owns and operates the system, and worked with Solaris Solar for construction. Story and photo at

Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR1381.htm>

Recurrent Energy: <http://www.recurrentenergy.com/>

### **1-27-09 Timminco Equity Financing**

See "AMG Subsidiary Timminco Completes C\$25 Million Equity Financing to Strengthen Balance Sheet"

at: <http://biz.yahoo.com/iw/090126/0468984.html>

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

### **1-27-09 AIXTRON Order**

AIXTRON AG announced that the Institute of Nuclear Energy Research based in Taoyuan, Taiwan ordered an AIX 2800 G4 Planetary Reactor system to produce Germanium / III-V based solar cells. INER's use of this reactor is part of its High Concentration Photovoltaic System Research.

Press at PVTech: <http://tinyurl.com/cg8ln8>

AIXTRON; <http://www.aixtron.com/index.php?id=1&L=1>

<http://tinyurl.com/baxsu9>

### **1-27-09 European BIPV Market**

The European building-integrated PV market is showing great investment and growth potential according to a recent Frost & Sullivan report. Story at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/news/story?id=54591>

Frost & Sullivan: <http://www.frost.com/prod/servlet/frost-home.pag>

### **1-27-09 Solar Power, Inc. Solar Shade Structure**

Solar Power, Inc. introduced a modular, elevated solar shade structure system called the Peaq(TM).

Press at: <http://tinyurl.com/b65tt8>

Solar Power, Inc.: <http://www.solarpowerinc.net/>

### **1-27-09 Solar in the States**

See the story "Beyond Rebates: State Solar Market Transitions" at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/news/story?id=54587>

### **1-27-09 Solar America City, Pittsburgh, Pennsylvania [Tom Kimbis]**

Pittsburgh, Pennsylvania Mayor Luke Ravenstahl announced during the City's first Solar America Cities Training Workshop that the City is aggressively pursuing installing a solar hot water unit in one of the City's firehouses. In 2007, Pittsburgh was selected as one of the inaugural Solar America Cities awarded \$200,000 in grant funding along with \$250,000 in technical assistance, from the U.S. DOE.

Press at: [http://www.city.pittsburgh.pa.us/mayor/html/city\\_press\\_releases.html](http://www.city.pittsburgh.pa.us/mayor/html/city_press_releases.html)

<http://www.bizjournals.com/pittsburgh/stories/2009/01/26/daily9.html> or <http://tinyurl.com/afynqd>

<http://www.post-gazette.com/pg/09027/944690-53.stm>

[http://www.pittsburghlive.com/x/pittsburghtrib/news/s\\_608905.html](http://www.pittsburghlive.com/x/pittsburghtrib/news/s_608905.html)

Solar America Cities: <http://www.solaramericacities.energy.gov/>

<http://www.solaramericacities.energy.gov/Cities.aspx?City=Pittsburgh>

### **1-27-09 Quarterly Solar Manufacturing Equipment Report**

SEMI's PV Group and Yole Developpement are recruiting PV manufacturing equipment companies to participate in a new quarterly solar manufacturing equipment report.

Press at: <http://tinyurl.com/cwp829>

<http://tinyurl.com/cq8vqh>

PV Group: <http://www.pvgroup.org/AboutPVMA/index.htm>

Yole Developpement: <http://www.yole.fr/>

### **1-27-09 Inverter Market Report**

Research and Markets announced the addition of Frost & Sullivan's report, "Analyzing the Growth Opportunities in the World Renewable Inverter Market", to its offering.

Press at: <http://tinyurl.com/c9zht3>

Research and Markets: <http://tinyurl.com/c9zht3>

### **1-27-09 More on the International Renewable Energy Agency**

For information on the founding conference of the International Renewable Energy Agency, see the website at: <http://www.irena.org/>

### **1-27-09 Venture Capital for Solar**

See the story "Solar energy startup companies raked in venture capital investments in 2008" at:

<http://techblog.dallasnews.com/archives/2009/01/solar-energy-startup-companies.html> or

<http://tinyurl.com/b3ysrz>

### **1-27-09 Opposition to Solar, Ontario, Canada**

See "Opposition Mounting to Solar PV Facility in Ontario" at Renewables.CA (Canadian Association for Renewable Energies): <http://www.renewables.ca/main/main.php> (scroll down).

### **1-27-09 Thin Film Partners of Greece**

RSEnergy has become a member of Thin Film Partners of Greece. Press at:

<http://www.rsenergy.gr/en/DisplayNews.php>

<http://www.rsenergy.gr/en/>

Thin Film Partners of Greece: <http://www.thinfilm.gr/>

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

#### **1-27-09 BrightSource Energy General Manager of Subsidiary**

BrightSource Energy Inc. has named Andrew Siegelstein general manager for the company's subsidiary BrightSource Construction Management Co. Press at:

[http://www.solarindustrymag.com/e107\\_plugins/content/content\\_lt.php?content.2435](http://www.solarindustrymag.com/e107_plugins/content/content_lt.php?content.2435) or

<http://tinyurl.com/btpr8k>

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

### **1-28-09 COLEXON and tnp Solar Projects**

COLEXON and tnp have signed a contract for development and construction of turnkey solar power plants of at least 15 MWp. According to the agreement, COLEXON will offer tnp at least 10 MWp of solar projects until 2010, and in return, tnp is obliged to acquire up to 15 MWp but at least 7 MWp of solar projects. In addition, both parties have signed an agreement for the placement of solar projects from the Wiesenhof-portfolio of 5 MWp. Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsEUPR570.htm>  
COLEXON: <http://www.colexon.de/>  
tnp Mitteldeutsche Anlagen Leasing AG: <http://www.tnp-mal.de/>

### **1-28-09 Plextronics Development Line**

Plextronics, Inc. has officially opened its new development line that will focus on technology developments for the company's printable solar inks. Press at PV Tech: [http://www.pv-tech.org/news/a/plextronics\\_opens\\_new\\_solar\\_inks\\_facility/](http://www.pv-tech.org/news/a/plextronics_opens_new_solar_inks_facility/) or <http://tinyurl.com/cohked>  
Plextronics: [http://www.plextronics.com/press\\_detail.aspx?PressReleaseID=95](http://www.plextronics.com/press_detail.aspx?PressReleaseID=95)  
<http://www.plextronics.com/index.aspx>

### **1-28-09 Wacker Chemie Sales Figures**

Wacker Chemie presented its sales figures for 2008. Press at PV Tech: [http://www.pv-tech.org/news/a/wacker\\_chemie\\_reports\\_14\\_sales\\_increase\\_on\\_2007/](http://www.pv-tech.org/news/a/wacker_chemie_reports_14_sales_increase_on_2007/) or <http://tinyurl.com/ccto5z>  
Wacker: <http://tinyurl.com/ajohty>  
<http://www.wacker.com/cms/en/home/index.jsp>

### **1-28-09 ReneSola Project Loan Agreement**

ReneSola's wholly owned subsidiary, Sichuan ReneSola Material Co. Ltd., has signed an RMB800 million (approximately \$117 million) 5-year project loan agreement with China Construction Bank, Sichuan Branch, to support the construction of ReneSola's polysilicon production facility in Meishan, Sichuan province. Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsASCO400.htm>  
ReneSola: <http://www.renesola.com/>

### **1-28-09 MMA Renewable Ventures Solar Fund III**

MMA Renewable Ventures LLC announced it has completed Solar Fund III, raising nearly US \$200 million to support the creation of new solar energy projects nationwide. Through Solar Fund III, MMA Renewable Ventures successfully deployed 20.6 MW of new PV production capacity in the U.S. Press at RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/news/story?id=54606> and CleanTech: <http://cleantechbrief.com/node/136>  
MMA Renewable Ventures: <http://mmarenew.com/>  
See also "MMA Renewable Ventures to Raise Its Fifth Solar Fund" at Greentech Media: <http://tinyurl.com/aqc3v>

### **1-28-09 enXco PV Power Purchase Agreement with Carrier Clinic, New Jersey**

enXco, an EDF Energies Nouvelles Company, announced the signing of a 25-year Power Purchase Agreement with Carrier Clinic in New Jersey, setting in motion the development of a PV array that could reach 1.9 MW. The ground-mounted, fixed-tilt array using First Solar modules will be constructed on 12 acres. The project, co-developed by Clean Energy Holdings in association with Trinity Solar, will qualify for New Jersey Renewable Energy Certificates. Press at: <http://tinyurl.com/bw3kt5>  
First Solar: <http://www.firstsolar.com/>  
Clean Energy Holdings: <http://www.cleanenergyholdings.com/>  
Trinity Solar: <http://www.trinitysolarsystems.com/>  
enXco: <http://www.enxco.com/>

### **1-28-09 BrightView Financing**

BrightView Ltd. announced that it has recently finalized a \$6 million A round of financing. Also, Mr. Eyal Harel has joined the Company's Board as Chairman. Press at: <http://tinyurl.com/aoml7g>  
BrightView Systems: <http://www.brightview-sys.com/>

### **1-28-09 Worldwide Energy and Manufacturing USA Listing Application**

Worldwide Energy and Manufacturing USA, Inc. announced that it has filed an application to have its common stock listed on the NASDAQ Capital Market. Press at: <http://money.cnn.com/news/newsfeeds/articles/marketwire/0469447.htm> or <http://tinyurl.com/dg2xv6>  
Worldwide Energy and Manufacturing USA Inc.: <http://www.wwmusa.com/>

### **1-28-09 First Solar Expansion, Ohio**

The state Controlling Board approved the release of \$225,000 in state grant money to help First Solar purchase new machinery. Press at: <http://tinyurl.com/d6x2a5>

### **1-28-09 PV System Assembly in Mozambique**

The Mozambican National Energy Fund has signed an agreement with the Indian company Central Electronics Limited for the installation of a factory to assemble PV systems in Mozambique. Press at: <http://allafrica.com/stories/200901280663.html>

### **1-28-09 Solexant Licensing of IR Technology**

Solexant has licensed materials technology that can harvest energy from infrared light, thereby increasing the efficiency of solar cells. Press at EE Times: <http://www.eetimes.com/news/design/showArticle.jhtml?articleID=212903004> or <http://tinyurl.com/ap9hzl>  
Solexant: <http://www.solexant.com/>

### **1-28-09 PV Cells Painted on Steel Sheets**

Researchers from Swansea University in Wales are developing a new way to capture low-light radiation with PV cells painted on steel sheets. Press at Cleantech(R): <http://cleantech.com/news/4094/uk-researchers-simplify-solar-paint>

### **1-28-09 PV Articles at Printed Electronics World [Teresa Henry]**

Several new PV articles are posted at Printed Electronics World at: <http://www.printedelectronicsworld.com/> [registration required]

### **1-28-09 Solar Power in Iraq**

One Army brigade in Iraq is planning to spend up to \$6 million on solar power projects to help provide backup power for essential services. Press at: <http://blog.wired.com/defense/2009/01/going-solar-in.html>

### **1-28-09 Solar America Initiative PV Technology Pre-Incubator Solicitation for LOIs**

A Solicitation for Letters of Interest, Solar America Initiative PV Technology Pre-Incubator", is posted at: [http://www.nrel.gov/business\\_opportunities/solicitations\\_rfps.html](http://www.nrel.gov/business_opportunities/solicitations_rfps.html)  
Solar America Initiative: [http://www1.eere.energy.gov/solar/solar\\_america/index.html](http://www1.eere.energy.gov/solar/solar_america/index.html)  
[http://www1.eere.energy.gov/solar/pv\\_incubator.html](http://www1.eere.energy.gov/solar/pv_incubator.html)

### **1-28-09 CALSEIA Accomplishments and 2009 Priorities**

CALSEIA's key accomplishments in 2008 and priorities for FY 2009 are featured in the article by Sue Kateley, Executive Director of CALSEIA, at RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/news/recolumnists/story?id=54575> or <http://tinyurl.com/cnpv45>  
Sue Kateley: <http://www.renewableenergyworld.com/rea/author?id=30>  
CALSEIA: <http://calseia.org/>

### **1-28-09 More on the International Renewable Energy Agency**

The International Renewable Energy Agency was founded on 26 January in Bonn, Germany, and 75 nations have already signed a compact to join the new agency. Coverage at EERE Network News [Kevin Eber]: [http://apps1.eere.energy.gov/news/news\\_detail.cfm/news\\_id=12207](http://apps1.eere.energy.gov/news/news_detail.cfm/news_id=12207)  
<http://apps1.eere.energy.gov/news/enn.cfm>

### **1-28-09 More on the International Renewable Energy Agency - continued**

See also "IRENA – Joining Forces" at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/magazine/story?id=54347>

ACORE Press: <http://tinyurl.com/d45nnw>

IRENA: <http://www.irena.org/>

### **1-28-09 PHOTON International, January 2009**

The table of contents for PHOTON International's January 2009 issue, along with several live links for January articles, are on line at: <http://www.photon-magazine.com/>

<http://www.photon-magazine.com/photon/index.htm>

### **1-28-09 Ascent Solar Honored, Colorado [Brian Blackman]**

Ascent Solar Technologies has received the 2008 Governor's Excellence in Renewable Energy Award for the Large Business category. Press at: <http://tinyurl.com/bcpjdk>

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

Governor's Office press: [http://www.colorado.gov/energy/in/uploaded\\_pdf/09\\_01\\_28\\_GERE.pdf](http://www.colorado.gov/energy/in/uploaded_pdf/09_01_28_GERE.pdf) or <http://tinyurl.com/cskybs>

### **1-28-09 Photovoltaics Beyond Conventional Silicon**

Photovoltaics Beyond Conventional Silicon is set for 7-8 April in Dresden, Germany. Information and registration at: <http://www.idtechex.com/photovoltaicseurope09/en/>

### **1-28-09 NanoMarkets Webinar on Organic PV**

NanoMarkets announced that it will be conducting a webinar on "Organic Photovoltaic Materials Opportunities" on 17 March. Information at: <http://biz.yahoo.com/prnews/090127/ph63244.html?v=1>  
NanoMarkets: <http://www.nanomarkets.net/>

### **1-28-09 More on Cleantech VC, Solar**

See the story "Clean Tech Still Sizzles as Venture Investments Cool" at:

<http://bits.blogs.nytimes.com/2009/01/26/clean-tech-still-sizzles-as-venture-investments-cool/?em> or

<http://tinyurl.com/bm4oqd>

### **1-28-09 Clean Energy Consolidation**

See the story "New Energy Finance Sees 2009 as Year of Consolidation for Clean Energy" by Michael Liebreich, at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/news/reinsider/story?id=54596&src=rss> or

<http://tinyurl.com/cltpcy>

New Energy Finance: <http://www.newenergymatters.com/?p=about&n=9>

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

### **1-28-09 US Economic Stimulus Bill**

The U.S. House and Senate are moving forward on an economic stimulus bill with substantial clean-energy provisions. Story at: RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/news/story?id=54599>

See also "Senate panel OKs alternative energy tax breaks" at Reuters: <http://tinyurl.com/alpeo6>

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

#### **1-28-09 NextLight Renewable Power Facility, Arizona**

NextLight Renewable Power LLC announced plans to build a large solar thermal facility called Agua Caliente Solar Project near Hyder.

Press at: [http://www.yumasun.com/opinion/bright\\_47440\\_article.html/future\\_power.html](http://www.yumasun.com/opinion/bright_47440_article.html/future_power.html)

NextLight Renewable Power, LLC: <http://www.nextlight.com/>

### **1-28-09 Cool Energy Inc. NSF Grant**

Cool Energy Inc. was awarded a Phase II Small Business Innovation Research Grant to help develop its SolarFlow(TM) system. More in the story at:

<http://www.energycurrent.com/index.php?id=3&storyid=15553>

Cool Energy: <http://www.coolenergyinc.com/>

### **1-28-09 CSP Today Articles**

See several new postings at CSP Today covering Spain's CSP development, Solar Millennium funding, a parabolic trough solar field in Egypt, PG&E equity in solar projects, FPL's solar farm proposal, and Sahara's solar power potential, at: <http://social.csptoday.com/node>

### **1-28-09 Hybrid Solarized Gas Turbine Power Station**

AORA, a member of the E.D.I.G. Group and developer of applied ultra-high temperature concentrating solar power technology, has begun construction on a gas turbine solar thermal power station in Israel at Kibbutz Samar. Press at:

[http://www.solarindustrymag.com/e107\\_plugins/content/content\\_lt.php?content.2439](http://www.solarindustrymag.com/e107_plugins/content/content_lt.php?content.2439) or

<http://tinyurl.com/ctwuo5>

E.D.I.G. Solar: [http://www.edig.co.il/archive/en/s\\_about](http://www.edig.co.il/archive/en/s_about)

AORA: <http://aora-energy.com/>

NCPV Hotline January 29, 2009

### **1-29-09 Shikoku Electric Power Solar Plant Capacity Boost**

Japanese utility Shikoku Electric Power Co. said it plans to boost capacity at its solar plant by 4 MW in stages by the business year that starts in 2020. Press through Solarbuzz

<http://www.solarbuzz.com/News/Newspage.asp> at:

<http://www.reuters.com/article/rbssIndustryMaterialsUtilitiesNews/idUST18476720090129> or

<http://tinyurl.com/coy6ur>

### **1-29-09 Korea Advanced Materials Polysilicon Supply Deal with Hyundai Heavy Industries**

Korea Advanced Materials said it has signed a US\$600 million deal with Hyundai Heavy Industries Co. to supply polysilicon. Press through Solarbuzz <http://www.solarbuzz.com/News/Newspage.asp> at:

<http://www.tradingmarkets.com/.site/news/Stock%20News/2148259/?relatestories=1> or

<http://tinyurl.com/bxhhtg>

Hyundai Heavy Industries: <http://english.hhi.co.kr/>

### **1-29-09 Trina Solar Module Supply Agreement with GA Solar**

Trina Solar Limited announced that its subsidiary, Changzhou Trina Solar Energy Co., Ltd., entered into a sales agreement with Spanish customer Gestamp Asetym Solar, S.L. under which Trina Solar will supply GA Solar between 20 and 36 MW of PV modules for one year at pre-determined prices.

Press at: <http://biz.yahoo.com/prnews/090129/lnth501.html?.v=1>

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

GA-Solar: <http://www.ga-solar.com/>

### **1-29-09 Hoku Scientific Results, Business Update**

Hoku Scientific, Inc. announced its financial results for the third quarter ended 31 December, and provided a general update on its business. Press at CNN Money:

<http://money.cnn.com/news/newsfeeds/articles/markwire/0469625.htm> or <http://tinyurl.com/dmtp74>

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

### **1-29-09 SunPower Results**

SunPower Corporation announced financial results for its 2008 fourth quarter and fiscal year, which ended 28 December. Press at: <http://investors.sunpowercorp.com/releasedetail.cfm?ReleaseID=362332>

or <http://tinyurl.com/dezs9>

<http://biz.yahoo.com/prnews/090129/aqth540.html?.v=22>

### **1-29-09 aleo solar Financing, Update**

aleo solar said it has secured short- and long-term financing. More in the stories at: <http://www.guardian.co.uk/business/feedarticle/8332636> and PV Tech: <http://tinyurl.com/afaprd>  
aleo: <http://www.aleo-solar.de/en/aleo-solar-download-the-sun.html>

### **1-29-09 REC Solar PV Installation for DuPont, Hawaii**

DuPont has completed the installation of a PV facility at its Pioneer Hi-Bred Waimea Research Center in Hawaii, with 1,500 solar panels made by Evergreen Solar and installed by REC Solar. Story and photo at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR1389.htm>  
DuPont: [http://www2.dupont.com/Photovoltaics/en\\_US/news\\_events/index.html](http://www2.dupont.com/Photovoltaics/en_US/news_events/index.html) or <http://tinyurl.com/ch7ksg>  
Evergreen Solar: <http://www.evergreensolar.com/>  
REC Solar: <http://www.recsolar.com/cm/Home.html>

### **1-29-09 Austin Energy Plan for 30-MW Solar Facility**

Austin Energy has proposed a plan to create a 30-MW solar power facility that would be constructed and owned by Gemini Solar. Press at: [http://austinist.com/2009/01/29/austin\\_energy\\_has\\_proposed\\_a.php](http://austinist.com/2009/01/29/austin_energy_has_proposed_a.php)  
<http://tinyurl.com/dj7sna>  
<http://tinyurl.com/b6rkhj>  
Austin Energy: <http://www.austinenergy.com/>  
Gemini Solar Development Company: <http://www.geminisolar.com/>

### **1-29-09 Sunetric PV Project for Kona Commons, Hawaii**

Sunetric, formerly known as Suntech Hawaii, announced completion of an 804-kW PV project featuring 17 PV systems covering the roofs at the Kona Commons shopping center in Kailua-Kona. Press at: <http://www.bizjournals.com/pacific/stories/2009/01/26/daily50.html>  
Suntech Hawaii: <http://www.suntechhawaii.com/about-us/news-press/index.html> or <http://tinyurl.com/bczhqg>

### **1-29-09 PV Installations in California**

Last year California homeowners, businesses, and local government agencies installed a record 158 MW of distributed PV. Stories at: [http://www.latimes.com/business/la-fi-solar29-2009jan29\\_0,7157079.story](http://www.latimes.com/business/la-fi-solar29-2009jan29_0,7157079.story) or <http://tinyurl.com/aa6oe4>  
<http://tinyurl.com/bkqjea>  
California Public Utilities Commission Press: [http://docs.cpuc.ca.gov/PUBLISHED/NEWS\\_RELEASE/96627.htm](http://docs.cpuc.ca.gov/PUBLISHED/NEWS_RELEASE/96627.htm)

### **1-29-09 centrotherm photovoltaics AG Developments**

See press on centrotherm photovoltaics AG developments at: <http://www.bloomberg.com/apps/news?pid=20601100&sid=aizx8mLmCnhk&refer=germany>  
centrotherm photovoltaics: <http://www.centrotherm-pv.de/>

### **1-29-09 Historical Analysis of Investment in Solar Energy Technologies [Charles Jennings]**

A new report, "A Historical Analysis of Investment in Solar Energy Technologies (2000 – 2007)", examines the timing, magnitude, focus and location of various forms of investment in the solar energy sector. It analyzes these trends to provide an understanding of the growth of the solar industry during the past 8 years and to identify emerging themes in this rapidly evolving industry. The full report is available at: <http://www.nrel.gov/docs/fy09osti/43602.pdf>

### **1-29-09 SEPA Utility Solar Tax Manual**

The Solar Electric Power Association announced the release of the Utility Solar Tax Manual providing clarity regarding solar tax credit changes for the utility and solar industries. The manual also sheds light on the implications of these changes on new business models for both industries and their customers. The full report can be downloaded for free by SEPA members and purchased by non-members. Information at SEPA: <http://www.solarelectricpower.org/>

### **1-29-09 Entech Solar COO**

Entech Solar announced that Sean Rooney has been named Chief Operating Officer.

Press at: <http://tinyurl.com/b7bwlz>

Entech Solar: <http://www.entsolar.com/>

### **1-29-09 Interview with Silicon CPV CEO**

See the "Interview with Prof. Humayun Mughal, CEO, Silicon CPV Plc" at CPV Today:

<http://tinyurl.com/bw7wd5>

Silicon CPV plc: <http://www.siliconcpv.co.uk/>

CPV Today: <http://social.cpvtoday.com/node>

### **1-29-09 California Energy Commission Solicitation, RESCOs**

See information on the grant solicitation, "Renewable-Based Energy Secure Communities (RESCO) Research, Development & Demonstration" at:

<http://www.energy.ca.gov/contracts/pier.html#renewable>

### **1-29-09 Renewable Power Generation in Germany**

Germany has set a goal to triple its generation of power from renewable energy sources from 15.1% currently to 47% by 2020. Press at PV Tech: <http://tinyurl.com/d83rpo> and

<http://tinyurl.com/b9rc1k>

### **1-29-09 Interstate Renewable Energy Council State & Stakeholder Newsletter [Jane Pulaski]**

The latest issue of IREC's State & Stakeholder Newsletter with coverage of state and local news, an interview of the week, current and best practices, grants and RFPs, events, and other news, is available at:

<http://www.irecusa.org/index.php?id=11>

### **1-29-09 U.S. Economic Stimulus Bill**

The House passed its version of a stimulus bill. Press at PV Tech: <http://tinyurl.com/d85oa8> and

Greentech Media: <http://tinyurl.com/adlxdb>

### **1-29-09 U.S. Economic Stimulus Perspective**

See the story "Tech CEOs Want More Than Tax Credits From Obama" at the Wall Street Journal:

<http://blogs.wsj.com/digits/2009/01/28/tech-ceos-want-more-than-tax-credits-from-obama/> or

<http://tinyurl.com/bwgohw>

### **1-29-09 Organic Photovoltaics 2009 [Sheri Bonnell]**

The program has been confirmed for Organic Photovoltaics 2009, which is scheduled for 27-29 April in Philadelphia, Pennsylvania. Information at: <http://www.organicphotovoltaics2009.com/>

### **1-29-09 RETECH 2009**

RETECH 2009 is set for 25-27 February in Las Vegas, Nevada. Find more information at:

<http://www.retech2009.com/>

### **1-29-09 Cleantech Forum**

Cleantech Forum(R) XXI is set for 23-25 February in San Francisco, California. For an update on speakers, see the Web site at: <http://tinyurl.com/dj2wmc>

### **1-29-09 Platts European Renewable Energy [Sheryl Paul]**

Platts European Renewable Energy is set for 2-3 April in Berlin, Germany. Information, including confirmed speakers, at:

<http://www.platts.com/Events/2009/pc981/?elq=DA320460F1F846CE9E05AFB9B91C6C0F> or

<http://tinyurl.com/djzv8b>

### **1-29-09 PCBC 2009**

PCBC 2009, Advancing the Art + Science of Community Building, is scheduled for 17-19 June at the Moscone Center in San Francisco, California. Information at:

<http://www.pcbc.com/theshow/Attending/schedule.html>

### **1-29-09 Third Generation PV, Report**

Research and Markets announced the addition of GlobalData's report "Third Generation Solar PV – The Cost Competitive Solution" to its offering. Press at: <http://tinyurl.com/d8twyh>  
Research and Markets: <http://www.researchandmarkets.com/research/a52b93/third%5fgeneration%5fs> or <http://tinyurl.com/b29nz5>

### **1-29-09 Materials Markets for CIGS PV, Report**

For coverage of the NanoMarkets report "Materials Markets for CIGS Photovoltaics" see:  
<http://biz.yahoo.com/prnews/090129/ph64338.html?v=1>  
[http://www.pv-tech.org/news/a/nanomarkets\\_cigs\\_thin\\_film\\_sales\\_to\\_top\\_us2.1\\_billion\\_by\\_2016/](http://www.pv-tech.org/news/a/nanomarkets_cigs_thin_film_sales_to_top_us2.1_billion_by_2016/) or  
<http://tinyurl.com/c2x8mo>  
NanoMarkets: <http://www.nanomarkets.net/>

### **1-29-09 Off-Grid PV Consumer Products Outlook, Report**

Research and Markets announced the addition of the report "The 2009-2014 World Outlook for 9 MW Off-Grid Solar Photovoltaic Consumer Products" to its offering.  
Press at: <http://biz.yahoo.com/bw/090129/20090129005774.html?v=1>  
Research and Markets: [http://www.researchandmarkets.com/research/e9f4fe/the\\_20092014\\_worl](http://www.researchandmarkets.com/research/e9f4fe/the_20092014_worl) or  
<http://tinyurl.com/bwyjpc>

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

#### **1-29-09 Ausra Plans**

According to this press, Ausra says it has responded to the financial crisis by downsizing its goals and now plans to make smaller energy generation plants and to sell its technology and equipment to utilities and other companies. Press at: [http://www.mercurynews.com/business/ci\\_11576208](http://www.mercurynews.com/business/ci_11576208)  
<http://tinyurl.com/ad88sy>  
[http://news.cnet.com/8301-11128\\_3-10152459-54.html](http://news.cnet.com/8301-11128_3-10152459-54.html)  
Ausra: <http://www.ausra.com/>

#### **1-29-09 BrightSource Energy Plans**

See the story "U.S. solar plant faces delays without energy stimulus" with coverage of BrightSource Energy Inc. plans at:  
[http://uk.reuters.com/article/reutersComService\\_3\\_MOLT/idUKTRE50S59P20090129](http://uk.reuters.com/article/reutersComService_3_MOLT/idUKTRE50S59P20090129) or  
<http://tinyurl.com/bjnhff>  
BrightSource Energy(TM): <http://www.brightsourceenergy.com/>

#### **1-29-09 Solar Thermal Installation at Gas Company**

Southern California Gas Co. and San Diego Gas & Electric have invited 5 leading solar companies to install their latest solar innovations at utility sites. See information on installation of the first of the 5 at:  
<http://biz.yahoo.com/iw/090129/0469940.html>

#### **1-29-09 Solar Thermal Report**

Research and Markets announced the addition of the "Solar Thermal Report – Ed 2 2009" to its offering.  
Press at: <http://tinyurl.com/dcyrlq>  
Research and Markets: [http://www.researchandmarkets.com/research/0a5c47/solar\\_thermal\\_repo](http://www.researchandmarkets.com/research/0a5c47/solar_thermal_repo) or  
<http://tinyurl.com/djxeh5>

#### **1-30-09 Dyesol Commentary and Update**

Dyesol issued commentary and an update for the 2nd quarter 2009. Press at Dyesol:  
<http://tinyurl.com/c24b34>  
<http://www.dyesol.com/index.php?page=News>

### **1-30-09 SYSTAIC Sales Results and Plans**

SYSTAIC reported sales results and plans. To handle the construction of large-scale power plants more efficiently, systaic AG established a new subsidiary, Enerparc AG, which has concluded agreements on the construction of building-integrated solar power plants at a scale of 125 MW.

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

SYSTAIC: <http://www.systaic.com/>

### **1-30-09 More on SunPower Results, Developments**

SunPower reported fourth quarter and fiscal year 2008 results. Press at SunPower:

<http://investors.sunpowercorp.com/releasedetail.cfm?ReleaseID=362332> or <http://tinyurl.com/dezs9> and

<http://www.reuters.com/article/GCA-BusinessofGreen/idUSTRE50S6YC20090130> or

<http://tinyurl.com/aacy8r>

<http://www.bizjournals.com/sanjose/stories/2009/01/26/daily79.html>

<http://www.greentechmedia.com/articles/sunpowers-quarterly-profit-shot-up-five-fold-5616.html> or

<http://tinyurl.com/dfnahm>

<http://tinyurl.com/a9k86f>

### **1-30-09 PV Technology, Production and Cost, 2009 Forecast**

Greentech Media, Inc. and the Prometheus Institute for Sustainable Development announced the availability of "PV Technology, Production and Cost, 2009 Forecast".

Press at: <http://sev.pnewswire.com/oil-energy/20090129/NE6447829012009-1.html> or

<http://tinyurl.com/coec9t>

Greentech Media press: <http://tinyurl.com/d8pwqs>

PV Tech press: <http://tinyurl.com/dz3p45>

Greentech Media: <http://www.greentechmedia.com/>

Prometheus Institute: <http://www.prometheus.org/>

### **1-30-09 Constellation Energy PV System for McCormick, Maryland**

A celebration was held at McCormick's Hunt Valley Distribution Center on 21 January to recognize Constellation Energy's Projects & Services Group installation of an approximately 1-MW PV system comprising 2,100 SolarWorld 175-W crystalline solar panels and 92,000 square feet of flexible thin-film PV material. Press at: <http://tinyurl.com/bsh543>

Constellation Energy's Projects and Services Group: <http://www.ceprojects.com/>

SolarWorld: <http://www.solarworld-usa.com/>

### **1-30-09 Ahura Energy CST / CPV [Fareed Sfarid]**

Ahura Energy, Inc., is a developer of multi-element solar concentrator systems for large-scale thermal (CST) and photovoltaic (CPV) applications. The technology utilizes flat mirrors to focus the sun's rays on the PV material or thermal pipe. According to the Web site, the company is operating in stealth mode, however the CEO is open to and inviting interactions. More at the Web site at:

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

### **1-30-09 PV Powered Smart String Combiner Boxes**

PV Powered announced the availability of the IntelliString(TM) line of smart string combiner boxes. Press at: <http://www.renewableenergyworld.com/rea/partner/story?cid=1877&id=54632> or

<http://tinyurl.com/bdf3ag>

PV Powered: <http://www.pvpowered.com/>

### **1-30-09 Clean Energy for APS Customers**

Over the next two decades, APS customers could receive significantly more of their electricity from clean energy sources under a comprehensive Resource Plan filed with the Arizona Corporation Commission.

Press from APS at: <http://tinyurl.com/buh6pb>

APS: <http://www.aps.com/resources>

### **1-30-09 Duke Energy Carolinas Rooftop Solar Program**

According to this press, Duke Energy Carolinas says it cannot proceed with its proposed \$50-million rooftop solar program unless North Carolina regulators remove restrictions on how the utility would recover the initiative's costs from customers. Press at:

<http://www.bizjournals.com/triangle/stories/2009/01/26/daily59.html>

<http://www.charlotteobserver.com/597/story/504526.html>

Duke Energy: <http://www.duke-energy.com/>

### **1-30-09 Green Investing**

Avoiding catastrophic climate change will require about 3 times 2008's level of investment in green energy every year until 2030, the World Economic Forum and New Energy Finance say in a report released at Davos. Press at Greentech Media: <http://tinyurl.com/dxcw38>

World Economic Forum: <http://www.weforum.org/en/index.htm>

New Energy Finance: <http://www.newenergymatters.com/>

Report: <http://www.weforum.org/pdf/climate/Green.pdf>

### **1-30-09 Organic Photovoltaics 2009 [Sheri Bonnell]**

Organic Photovoltaics is scheduled for 27-29 April in Philadelphia, Pennsylvania, with a pre-conference seminar on Global PV Market Development on 27 April. Press at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/partner/story?id=54622&src=rss> or <http://tinyurl.com/b77htt>

Agenda and more information at the Web site: <http://www.organicphotovoltaics2009.com/>