

## NCPV Hotline — Week of July 14-18, 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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#### 7-14-08 Sunfilm's Second Production Facility

Sunfilm AG celebrated the "Cornerstone Ceremony" to mark the start of construction for its second production facility. The new plant will be ready by spring 2009, with pre-production set for mid-2009, and commercial production starting later that year. At full capacity in 2010, the plants will have an annual capacity of more than 120 MWp of thin-film silicon PV modules.

Story at Solarbuzz: <http://www.solarbuzz.com/news/NewsEUMA239.htm>

Sunfilm AG: <http://www.sunfilmsolar.com/>

#### 7-14-08 Solarfun Sales Contract with Schüco

Solarfun Power Holdings Co., Ltd. announced that one of its wholly owned subsidiaries has entered into a 47-MW sales contract with Schüco International KG. Story at:

<http://biz.yahoo.com/bw/080714/20080714005529.html?.v=1>

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

Schüco: <http://www.schueco.com/web/uk>

#### 7-14-08 Trina Solar's Renewed Sales Agreement with Enerpoint

Trina Solar has renewed its sales agreement with Enerpoint under which Trina Solar will supply Enerpoint with approximately 5 MW of PV modules in 2008 and between 22 and 30 MW of modules in 2009.

Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsEU0589.htm>

Trina Solar: <http://www.trinasolar.com/front/en/home.php>

Enerpoint: <http://www.enerpoint.it/>

#### 7-14-08 IMEC Thin Wafers for Silicon Solar Cells

IMEC vzw said it is developing a method to produce 50-micron thick crystalline silicon wafers for solar cells. Press at EETimes: [http://www.eetimes.eu/france/209000130?cid=RSSfeed\\_eetimesEU\\_france](http://www.eetimes.eu/france/209000130?cid=RSSfeed_eetimesEU_france) or

<http://tinyurl.com/5lom37>

IMEC: <http://www.imec.be/>

#### 7-14-08 Investments in Miasolé

See the article on investments in Miasolé, through SolarPlaza

<http://www.solarplaza.com/content/news.php>, at: <http://www.fabtech.org/content/view/65632/>

Miasolé: <http://www.miasole.com>

ArcelorMittal Clean Technology Venture Capital Fund and New Carbon Fund:

<http://www.arcelormittal.com/index.php?lang=en&page=49&tb0=316&tbling=1> or <http://tinyurl.com/6md6r8>

#### **7-14-08 Solar Parks, Pennsylvania and Ohio**

Green Energy Capital Partners, LLC, announced that it has finalized a site in eastern Pennsylvania for the development of the "PA SOLAR PARK", a 10.6-MW ground-mounted solar energy facility. Green Energy Capital Partners expects commissioning of the project in May 2009. In tandem, GECP is developing a similar facility in southwest Ohio, as well as several other large commercial solar energy facilities in Pennsylvania under a Power Purchase Agreement structure.

Press at: [http://greenenergyfinder.com/index.php?option=com\\_content&task=view&id=27&Itemid=56](http://greenenergyfinder.com/index.php?option=com_content&task=view&id=27&Itemid=56) or <http://tinyurl.com/6mcnro>

#### **7-14-08 Largest Solar Power Installations in San Diego, California**

San Diego Gas & Electric is planning the largest concentration in San Diego of advanced, solar-tracking technology, with an initial target of developing 70 to 80 MW of solar electricity, about 2/3 of which would be utility owned and the remainder customer- or third-party owned.

Story at Solarbuzz: <http://www.solarbuzz.com/news/NewsNAPR1140.htm>

#### **7-14-08 First Solar's Project for Southern California Edison**

The California Public Utilities Commission has approved 2 renewables contracts for Southern California Edison that include both wind and solar power and total approximately 50 MW. The solar project is the FSE Blythe project that First Solar Inc. is developing, which will be a new 7.5-MW PV facility with the potential to expand to 21 MW. Story at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/news/story?id=53046>

First Solar: <http://www.firstsolar.com/>

Related press: <http://www.eastvalleytribune.com/story/120595>

<http://earth2tech.com/2008/07/11/california-approves-first-thin-film-solar-project/> or

<http://tinyurl.com/5oglgw>

[http://greenwombat.blogs.fortune.cnn.com/2008/07/11/first-solar-jumps-into-the-utility-business/?section=money\\_topstories](http://greenwombat.blogs.fortune.cnn.com/2008/07/11/first-solar-jumps-into-the-utility-business/?section=money_topstories) or <http://tinyurl.com/5plv9n>

CPUC: [http://docs.cpuc.ca.gov/PUBLISHED/NEWS\\_RELEASE/85066.htm](http://docs.cpuc.ca.gov/PUBLISHED/NEWS_RELEASE/85066.htm)

#### **7-14-08 California's Green Power**

See the story "Powering California green" at Cleantech®: <http://media.cleantech.com/3083/powering-california-green>

#### **7-14-08 WorldWater & Solar Technologies Projects, Ocean City, New Jersey**

WorldWater & Solar Technologies Corp. announced that it has begun work on several solar installations for Ocean City. Story at: <http://tinyurl.com/5ko67k>

WorldWater & Solar Technologies: <http://www.worldwater.com/>

#### **7-14-08 enXco PV System for SMUD**

enXco, an EDF Energies Nouvelles Company, is unveiling a 1.2-MW PV array near Sacramento California, which was developed and built for the Sacramento Municipal Utility District. enXco will sell the energy under a long-term contract to SMUD, who will deliver the electricity to customers signed up in the SolarShares Program. Premier Power Renewable Energy installed the ground-mounted solar electric system, with First Solar modules.

Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR1144.htm> and

[http://www.solarindustrymag.com/e107\\_plugins/content/content\\_it.php?content.1593](http://www.solarindustrymag.com/e107_plugins/content/content_it.php?content.1593) or

<http://tinyurl.com/5tdgre>

enXco: <http://www.enxco.com/>

Premier Power: <http://www.premierpower.com/>

First Solar: <http://www.firstsolar.com/>

SMUD SolarShares™: <http://www.smud.org/community-environment/solar/solarshares.html>

#### **7-14-08 Enfinity's New Office, Sacramento, California [Jurgen Van Damme]**

Enfinity announced that it has opened a new office in the U.S. in Sacramento, California. The new office fits into Enfinity's global expansion strategy, as the company focuses on investing in PV and wind energy in countries with adequate incentive programs. Press from Enfinity:

<http://www.enfinity.biz/EN/index.php?page=80>

<http://www.enfinity.biz/>

#### **7-14-08 More on UL's PV Technology Center**

Underwriters Laboratories announced the opening of North America's largest commercially focused PV testing and certification facility in Silicon Valley. Located in San Jose, California, UL's Photovoltaic Technology Center of Excellence increases the testing capacity for the renewable energy industry and will enable manufacturers to get UL-Listed PV products to market faster. Story at:

<http://biz.yahoo.com/iw/080714/0415474.html>

UL PV Technologies: <http://www.ul.com/dge/photovoltaics/>

Center of Excellence: <http://www.ul.com/about/locations/westcoast/pvc.html>

#### **7-14-08 Semiconductor Fabs, India**

With nearly a dozen proposals together worth Rs 80,000 crore from corporate majors under the policy for semiconductor fabs and eco-system units, the Government is setting in motion an appraisal mechanism to evaluate projects.

Story at: <http://www.thehindubusinessline.com/2008/07/14/stories/2008071451570100.htm> or

<http://tinyurl.com/5kcsuj>

#### **7-14-08 Taiwan Government Subsidy Ceiling for Solar Equipment**

With the aim of growing self-sufficiency to 80%, the Taiwan government may no longer limit its development subsidy to solar industry players at NT\$30 million over 3 years. Press at DigiTimes:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PB000000000000000000000000003729&query=SOLAR> or <http://tinyurl.com/66clw5>

#### **7-14-08 More on General Motors PV, Spain**

See the story "How big will rooftop solar PV facilities become?" with coverage of General Motors' Zaragoza plant, through SolarPlaza <http://www.solarplaza.com/content/news.php>, at Renewable Energy Magazine:

<http://www.renewableenergymagazine.com/paginas/ContenidoSecciones.asp?ID=2865&Tipo=&Nombre=Renewable%20energy%20news> or <http://tinyurl.com/5ka6ho>

#### **7-14-08 More on Nexolon and Mosel Vitelic Wafer Contracts**

See more on Nexolon and Mosel Vitelic wafer contracts at enf.cn:

<http://www.enf.cn/news/080714/1202.html>

#### **7-14-08 Solar Still Reigns**

See the story "Funding Roundup: Solar Still Reigns" at Greentech Media:

<http://www.greentechmedia.com/articles/funding-roundup-solar-still-reigns--1116.html> or

<http://tinyurl.com/655x4u>

#### **7-14-08 Growth Rate in Solar Inverter Market**

IMS Research has claimed that its figures indicate a more than 40% growth rate in the solar inverter market. Story at PV Tech: [http://www.pv-tech.org/market\\_watch/article/ims\\_research\\_anticipates\\_40\\_growth\\_in\\_solar\\_inverter\\_market\\_in\\_2008](http://www.pv-tech.org/market_watch/article/ims_research_anticipates_40_growth_in_solar_inverter_market_in_2008) or

<http://tinyurl.com/5zboz6>

IMS Research: <http://www.imsresearch.com/members/pr.asp?X=506>

#### **7-14-08 Canadian Solar Results**

Canadian Solar Inc. announced preliminary unaudited financial results for the 2<sup>nd</sup> quarter ended 30 June 2008. Press at:

[http://www.quamnet.com/newscontent.action?listSectionCode=NEW\\_COM&articleId=892251](http://www.quamnet.com/newscontent.action?listSectionCode=NEW_COM&articleId=892251) or <http://tinyurl.com/5by7fb>

<http://uk.reuters.com/article/rbssTechMediaTelecomNews/idUKBNG16588420080714> or <http://tinyurl.com/5dkuug>

<http://www.forbes.com/feeds/ap/2008/07/14/ap5211084.html> or <http://tinyurl.com/59amt7>

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

#### **7-14-08 Solar and Hydrogen Powered Airplane**

Trina Solar Limited announced a cooperation agreement with LISA Airplanes for building the Hy-Bird, a solar- and hydrogen-powered airplane. Press at: <http://tinyurl.com/6c7yvp>

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

LISA Airplanes: <http://www.lisa-airplanes.com/>

Hy-Bird: <http://www.hy-bird.com/fr/hy-bird/hy-bird.php>

#### **7-14-08 Prism Solar Technologies Achievement Award [Rick Lewandowski]**

Prism Solar Technologies announced it has won an "Achievement Award", voted on by the review panel of venture capital firms at the "New Energy Symposium & Solar Expo" held in Albany, New York. Press at: <http://www.prismsolar.com/news.html>

Symposium: <http://www.neny.org/nes/2008/home>

#### **7-14-08 Connecticut Clean Energy Communities**

The town of Coventry, Connecticut has joined a growing list of municipalities in the state to become "Connecticut Clean Energy Communities". Story at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/partner/story?cid=2950&id=53049> or <http://tinyurl.com/554fe7>

Connecticut Clean Energy Communities: <http://www.ctinnovations.com/communities/>

Connecticut Clean Energy Fund: <http://www.ctcleanenergy.com/about/about.php>

#### **7-14-08 California Energy Commission Workshop on Renewables Integration**

The Integrated Energy Policy Report Committee is holding a workshop 21 July to discuss how the 2020 electricity system could be structured to accommodate higher levels of renewables, potential impacts to the system, and further analysis needed to identify barriers and strategies to address those barriers.

Information at: [http://www.energy.ca.gov/2008\\_energy policy/notices/index.html](http://www.energy.ca.gov/2008_energy policy/notices/index.html)

#### **7-14-08 Solar Energy International Workshop Series in New Jersey**

SEI announced a month of solar energy workshops in Sandy Hook, New Jersey. Information at

RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/partner/story?cid=1158&id=53043> or

<http://tinyurl.com/569p6v>

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

#### **7-14-08 XsunX Meetings with Financial Community**

XsunX, Inc. announced that the company's CEO will begin a series of meetings with members of the financial communities in Chicago, New York, Atlanta and Boston during July and August. Additional meetings on the West Coast will take place in September. Story at:

<http://biz.yahoo.com/prnews/080714/clm056.html?.v=101>

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

#### **7-14-08 Solar Car Race**

For coverage of the American Solar Challenge, see "Solar car race heads through Oklahoma" at:

<http://newsok.com/solar-car-race-heads-through-oklahoma/article/3269849> or <http://tinyurl.com/5zwjsc>

American Solar Challenge: <http://americansolarchallenge.org/event/asc2008/schedule.html> or

<http://tinyurl.com/5tbhcx>

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

### **7-14-08 Solar Power Farm, Hawaii**

Keahole Solar Power, a Concentrated Solar Power solar farm, broke ground at an event hosted by Sopogy, Inc. at the Natural Energy Laboratory of Hawaii. The solar farm will be built in phases over several acres and will make use of Sopogy's proprietary solar concentrating systems known as MicroCSP technologies. Story at Solarbuzz: <http://www.solarbuzz.com/news/NewsNAPR1138.htm>  
Sopogy: <http://www.sopogy.com/>

### **7-14-08 Solar Thermal Perspective**

See "Thoughts on U.S. Solar Thermal from Abengoa Solar's Fred Morse" at:  
<http://earth2tech.com/2008/07/13/5-thoughts-on-us-solar-thermal-from-abengoa-solars-senior-advisor/> or  
<http://tinyurl.com/62mzoa>

See also "Abengoa Q&A: Heating Up the Solar-Thermal Market" at Greentech Media:  
<http://www.greentechmedia.com/articles/abengoa-qa-heating-up-the-solar-thermal-market-1115.html> or  
<http://tinyurl.com/6raevq>

Abengoa Solar: <http://www.abengoasolar.com/sites/solar/en/>

### **7-14-08 Hydro's Extruded Aluminum for Acciona Facility**

Hydro Aluminum's Extrusion Americas unit will supply extruded aluminum to Acciona, SA for use in the facility under construction in Badajoz, Spain. Story at: <http://news.thomasnet.com/companystory/546780>  
Hydro Aluminum: <http://tinyurl.com/6fxfdy>  
Acciona: <http://www.acciona.es/>

### **7-15-08 Evergreen Solar Sales Contract with IBC SOLAR**

Evergreen Solar has signed a new long-term sales contract with IBC SOLAR AG valued at approximately \$1.2 billion. Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsEUCO591.htm>  
Evergreen Solar: <http://www.evergreensolar.com/app/en/company/>  
IBC SOLAR: <http://www.ibc-solar.de/>

At Intersolar North America, SolarWorld AG is announcing the completion of its new fully automatic production line for mono-crystalline solar modules in Camarillo with an output capacity of 100 MW. Press at: <http://www.solarworld.de/Corporate-News.78.0.html?&L=1>  
<http://www.solarworld-usa.com/>

### **7-15-08 Canadian Solar Sales Agreement with Conergy USA**

Canadian Solar Inc. announced a 9 MW sales agreement for its e-Modules with Conergy USA. Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO787.htm>  
Canadian Solar: <http://www.csisolar.com/>  
Conergy: <http://www.conergy.us/desktopdefault.aspx>

### **7-15-08 Canadian Solar Public Offering**

Canadian Solar Inc. has filed with the Securities and Exchange Commission to sell 3.5 million new common shares in the U.S. in a public offering.  
Press at Forbes: <http://www.forbes.com/feeds/ap/2008/07/14/ap5213674.html> and  
<http://tinyurl.com/6xpzzf>  
Canadian Solar: <http://www.csisolar.com/>

### **7-15-08 Everlight and Epistar CPV Power Plant**

LED companies Everlight and Epistar are cooperating with Yee Fong Chemical and Everphoton to set up the first concentrator PV power plant in Asia by the end of 2008, with an estimated initial capacity of 1 MWp. Press at DigiTimes:  
<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD000000000000000000000000006471&query=SOLAR> or <http://tinyurl.com/66os99>  
Everlight: <http://www.everlight.com/>  
Epistar: <http://www.epistar.com.tw/about-e.htm>  
Everphoton: <http://www.everphoton.com/aboutus.html>

### **7-15-08 Visual Photonics Epitaxy CPV Wafer Goals**

Visual Photonics Epitaxy aims to further boost the power conversion rate of its concentrator PV wafers to 40% within 3 years according to a company executive speaking during a product launch. Story at DigiTimes:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD000000000000000000000000006465&query=SOLAR> or <http://tinyurl.com/5qtsec>

Visual Photonics Epitaxy: <http://english.vpec.com.tw/index.php>

### **7-15-08 Sunwell Production Line Order with Oerlikon Solar**

Sunwell, a wholly owned subsidiary of CMC Magnetics, announced that it has ordered another two end-to-end thin-film silicon production lines from Oerlikon Solar. One 60-MW line will be delivered to the existing Sunwell production facility in Taiwan, and another 120-MW line will be shipped to a new site currently under construction. Story at DigiTimes:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=000000000000000000000000009083&query=SOLAR> or <http://tinyurl.com/5bca39>

<http://www.solarserver.de/solarmagazin/news-e.html#news244> or <http://tinyurl.com/5qk5o2>

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

### **7-15-08 Wincroft Letter of Intent to Acquire Apollo Solar Energy**

Wincroft, Inc. has signed a Letter of Intent to acquire Apollo Solar Energy, Inc., a Delaware corporation that indirectly owns 100% of the equity of Sichuan Apollo Solar Science and Technology Co. Ltd. (Apollo). Apollo is engaged in R&D of next generation CdTe-based thin-film solar cells. Press at:

<http://tinyurl.com/5mgwta>

### **7-15-08 Xantrex Technology Supply Agreement with SunEdison**

Xantrex Technology Inc. announced it has signed a supply agreement with SunEdison LLC valued at approximately US\$5 million under which Xantrex will supply commercial 3-phase solar power inverters to be installed in SunEdison projects over the next 12 months. Press at: <http://tinyurl.com/5se6vu>

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

### **7-15-08 Eversol Shipments**

Eversol, a wafer supplier affiliate company of Gintech Energy, will make shipments to its affiliate beginning in July. Story at DigiTimes:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD000000000000000000000000006460&query=SOLAR> or <http://tinyurl.com/6ejn2z>

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

### **7-15-08 Clear Skies Solar Office in Greece**

Clear Skies Solar, Inc. announced it established a corporate office in the city of Larissa in central Greece. Story at:

[http://www.businesswire.com/portal/site/google/?ndmViewId=news\\_view&newsId=20080715005260&newSLang=en](http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20080715005260&newSLang=en) or <http://tinyurl.com/5sre8w>

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

### **7-15-08 Kyocera and American Solar Electric PV System for IBC, Arizona**

Kyocera Solar, Inc. and American Solar Electric, Inc. announced that a recently unveiled 19.2 kW PV system has tested at 106% of expected projections. The new system, independently tested by Salt River Project, is installed at the Integrity Building Corp. headquarters in Mesa, Arizona. Story at:

[http://www.businesswire.com/portal/site/google/?ndmViewId=news\\_view&newsId=20080715005375&newSLang=en](http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20080715005375&newSLang=en) or

<http://tinyurl.com/6pfoxc>

Kyocera Solar: <http://www.kyocerasolar.com/>

American Solar Electric: <http://www.americansolar.com/>

Salt River Project, SRP EarthWise Solar Energy:

<http://www.srpnet.com/environment/earthwise/solarbiz.aspx>

### **7-15-08 aleo solar AG Expansion in Europe**

aleo solar AG announced that it continues to expand its market position in Europe. Customers from Germany, Italy, and the Czech Republic have ordered solar modules and PV systems worth more than EUR 35 million for the current year. Story at: <http://www.lifepr.de/pressemeldungen/aleo-solar-ag-/boxid-55402.html> or <http://tinyurl.com/6oteds>

aleo solar AG: <http://www.aleo-solar.de/en/aleo-solar-download-the-sun.html> or <http://tinyurl.com/yv25yp>

### **7-15-08 Praxair Gas, Equipment Supplier for Pevafersa Facility**

Praxair, Inc. has been selected by Pevafersa Group as the supplier of gases, gas equipment and gas management services for Pevafersa's solar cell manufacturing facility in Toro, Spain. Press at: [http://www.businesswire.com/portal/site/google/?ndmViewId=news\\_view&newsId=20080715005349&newsLang=en](http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20080715005349&newsLang=en) or <http://tinyurl.com/5848be>

Praxair: <http://www.praxair.com/>

Pevafersa: <http://www.pevafersa.com/en/noticias/index.htm>

### **7-15-08 Geos Neighborhood Net-Zero-Energy Community, Colorado**

Geos Neighborhood, the largest US net-zero-energy master-planned residential community, announced plans for 250 residences located between Denver and Boulder. Geos Neighborhood will generate enough renewable energy to offset 100% of the annual energy needs of the entire community.

Press at: <http://tinyurl.com/5lqv5g>

Geos: <http://www.discovergeos.com/>

### **7-15-08 Air Force PV Solicitation, Arizona [Tamarack Little]**

In a PV Power Purchase Agreement solicitation, the Air Force is specifying that the contractor shall provide utility-grade renewable electric service from a PV power system to Davis-Monthan AFB under a utility service contract. The minimum size array contemplated is 1 MW. See the solicitation at:

<https://www.fbo.gov/?s=opportunity&mode=form&id=6b8b03147a06f9be231973cf6b31a4ca&tab=core&cvview=1> or <http://tinyurl.com/6evmct>

Press: [http://www.fox11az.com/news/topstories/stories/KMSB\\_20080710\\_jh\\_davis.428af756.html](http://www.fox11az.com/news/topstories/stories/KMSB_20080710_jh_davis.428af756.html) or <http://tinyurl.com/65j3rm>

### **7-15-08 CEO Panel at Solar Power**

The Solar Power Conference & Expo has announced the selection of participants on the annual CEO Panel, which takes place as two segments – one on market development and the other on driving down costs. Information at SEPA: <http://www.solarelectricpower.org/>

<http://www.solarelectricpower.org/docs/SP08%20PR%207%2014%2008%20FINAL.pdf> or

<http://tinyurl.com/59bhkk>

SEIA: <http://www.seia.org/solarnews.php?id=192>

PV Tech: [http://www.pv-](http://www.pv-tech.org/market_watch/article/solar_power_attracts_key_ceos_for_industry_panel)

[tech.org/market\\_watch/article/solar\\_power\\_attracts\\_key\\_ceos\\_for\\_industry\\_panel](http://www.pv-tech.org/market_watch/article/solar_power_attracts_key_ceos_for_industry_panel) or

<http://tinyurl.com/6paxx9>

Conference & Expo: <http://www.solarpowerconference.com/>

### **7-15-08 California Solar Initiative Progress Report**

The California Public Utilities Commission, California Solar Initiative Staff Progress Report for Go Solar California, July 2008, is available at: <http://www.cpuc.ca.gov/PUC/energy/Solar/>

Report: <http://www.cpuc.ca.gov/NR/rdonlyres/324066F8-F449-4ECD-AEEF-8DC6A5263459/0/July2008CSIStaffProgressReport.pdf> or <http://tinyurl.com/6cx58j>

### **7-15-08 Electricity Grid Ready for Large Amounts of PV [Rosemarie Becker]**

Within the scope of the European research project PV-UPSCALE, researchers at the Fraunhofer Institute for Solar Energy Systems ISE have compiled two reports that show how municipal electricity grids can accept large amounts of PV electricity. Press from Fraunhofer ISE: <http://www.ise.fhg.de/press-and-media/press-releases/press-releases-2008/electricity-grid-is-ready-for-large-amounts-of-solar-electricity>

or <http://tinyurl.com/5hekga>

<http://www.ise.fraunhofer.de/>

PV-UPSCALE: <http://www.pvupscale.org/>

### **7-15-08 More on UL's PV Technology Center, San Jose, California**

UL executives joined city officials and solar energy leaders to inaugurate UL's PV technology center in San Jose. Press at: <http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2008/07/14/BUON11OVJB.DTL> or <http://tinyurl.com/6hkadg>

UL Photovoltaic Technology Center of Excellence: <http://www.ul.com/about/locations/westcoast/pvc.html>

### **7-15-08 ersol Amorphous Thin-film Module Tests**

According to this press, TÜV Rheinland has awarded certification to standard IEC 61646 to ersol's Nova-T amorphous thin-film module following collaboration by ersol with Oerlikon Solar. Press at PV Tech: [http://www.pv-tech.org/pv\\_modules/article/ersols\\_nova\\_t\\_thin\\_film\\_module\\_receives\\_tuev\\_certification](http://www.pv-tech.org/pv_modules/article/ersols_nova_t_thin_film_module_receives_tuev_certification) or <http://tinyurl.com/59hl5p>

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

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

TÜV Rheinland®: <http://www.tuv.com/global/en/index.html>

### **7-15-08 Intersolar North America**

Solar Promotion International GmbH is holding a press conference to precede the opening conference session that formally inaugurates Intersolar North America 2008. Press at:

<http://www.earthtimes.org/articles/show/intersolar-north-america-2008-inaugurates-solar-event,467600.shtml>

See also "Incentives, Tech to Spark Debate at Intersolar North America" at Greentech Media:

<http://www.greentechmedia.com/articles/incentives-tech-to-spark-debate-at-intersolar-north-america-1117.html> or <http://tinyurl.com/64nfek>

Intersolar North America: <http://www.intersolar.us/>

### **7-15-08 Tigo Energy Board of Advisors**

Gary Gerber, President and Founder of Sun Light and Power, has joined Tigo Energy's Board of Advisors. Press at: <http://tinyurl.com/5o7cp9>

Tigo Energy: <http://www.tigoenergy.com/>

Sun Light & Power: <http://www.sunlightandpower.com/>

### **7-15-08 Real Goods Solar Director of Sales**

Real Goods Solar announced the appointment of Kent Halliburton as Director of Sales. Press at:

[http://www.businesswire.com/portal/site/google/?ndmViewId=news\\_view&newsId=20080715005283&newsLang=en](http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20080715005283&newsLang=en) or <http://tinyurl.com/6nh9vs>

Real Goods Solar: <http://www.realgoodssolar.com/>

### **7-15-08 SatCon Technology Corporation VP of Sales and Marketing**

SatCon Technology Corporation announced the addition of Pete DeGraff as Corporate Vice President of Sales and Marketing. Press at: <http://tinyurl.com/575mfs>

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

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

### **7-15-08 Renewables Investment Tax Credits**

According to this press at Greentech Media, Abengoa Solar could halt 2 projects if the U.S. government doesn't extend multiyear investment tax credits. Story at: <http://www.greentechmedia.com/articles/no-tax-credit-no-solar-power-1119.html> or <http://tinyurl.com/669zbx>

Abengoa Solar: <http://www.abengoasolar.es/sites/solar/es/>

### **7-16-08 EPV SOLAR Framework Agreement with City Solar [Kathy Carrigan]**

EPV SOLAR, Inc. announced that it has entered into a long-term solar module supply agreement with City Solar Kraftwerke AG. The agreement allows City Solar to purchase 250 MW of amorphous silicon modules over a period of 5 years. City Solar plans to use EPV modules to further execute its growth strategy in Europe. Press from EPV SOLAR:

<http://www.epvsolar.com/Home/July152008/tabid/119/Default.aspx>

City Solar: <http://www.city-solar-ag.com/index.php>



### **7-16-08 Phoenix Solar Framework Agreement for 14 MW of PV in Italy [Anka Leiner]**

Phoenix Solar AG signed a framework agreement with Meinl International Power Ltd. for the planning and turnkey construction of PV power plants with a peak output totaling approximately 14 MW. The power plants, each with a peak output of around 1 MW, are to be built in a number of locations in Sicily by the end of 2009. Press at Phoenix Solar:

[http://www.phoenixsolar.com/Press/PressReleases/content/articles/PM\\_080716.html?uri=/index.html](http://www.phoenixsolar.com/Press/PressReleases/content/articles/PM_080716.html?uri=/index.html) or <http://tinyurl.com/5zbp3k>

Meinl International Power: <http://www.meinlpower.com/Meinl-International-Power.1.1.html> or <http://tinyurl.com/6rx5ft>

### **7-16-08 Day4 Energy Expansion**

Day4 Energy has added 35 MW of production capacity to its Burnaby production facility in a greater-than-anticipated production expansion. Press at PV Tech: [http://www.pv-tech.org/pv\\_modules/article/day4\\_energy\\_ups\\_production\\_by\\_300](http://www.pv-tech.org/pv_modules/article/day4_energy_ups_production_by_300)

Day4™ Energy: <http://www.day4energy.com/>

### **7-16-08 NREL and Optony Collaboration on CPV System [PR Yu]**

A Cooperative Research and Development Agreement established between NREL and Optony, Inc. includes 3 phases. The 1<sup>st</sup> and 2<sup>nd</sup> phases involve the design of thin-film concentrating PV devices that are compatible with Optony's optical system. The 3<sup>rd</sup> phase involves uniting the cells and Optony's optical system into an interconnected array for studying and evaluating the new technology under real-world conditions at NREL's Outdoor Testing Facility. More in the press release at:

<http://www.nrel.gov/solar/news/2008/615.html>

Cleantech@: <http://media.cleantech.com/3098/optony-u-s-nrel-in-concentrating-solar-pv-project> or <http://tinyurl.com/6aylgs>

Optony: <http://www.optony.com/>

### **7-16-08 Dyesol Contract with Acrosol**

Dyesol Ltd. has entered into a EUR 600,000 contract with Korean company Acrosol to supply a turnkey R&D laboratory and provide comprehensive training in Dye Solar Cell development. Acrosol is a Korean University spin out company located in the business incubator at Chonnam National University. Press at Dyesol:

<http://tinyurl.com/6nm5h9>

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

Chonnam National University: <http://web.chonnam.ac.kr/en/>

### **7-16-08 Oerlikon Deals with CMC Magnetics and Flextronics**

Sunwell, a wholly owned subsidiary of CMC Magnetics, announced that it has ordered another two end-to-end thin-film silicon production lines from Oerlikon Solar. Also, Oerlikon announced an agreement with Flextronics under which Flextronics will support Oerlikon Solar's scalability requirements for global production capacity allowing the execution of more simultaneous projects in multiple geographies, including the company's recently announced facility in Singapore. Story at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/news/story?id=53073>

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

CMC Magnetics Corporation: <http://www.cmcdisc.com/index.htm>

Flextronics: <http://flextronics.com/en/default.aspx>

### **7-16-08 More on Evergreen Solar Developments**

Evergreen Solar cut the ribbon on a new solar-panel manufacturing facility in Devens, Massachusetts and signed a \$1.2 billion sales contract with IBC SOLAR AG. Story at:

[http://www.boston.com/lifestyle/green/greenblog/2008/07/evergreen\\_solar\\_opens\\_new\\_plan.html](http://www.boston.com/lifestyle/green/greenblog/2008/07/evergreen_solar_opens_new_plan.html) or

<http://tinyurl.com/578qb3>

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

<http://www.evergreensolar.com/app/en/construction/devens>

See also, "Evergreen Solar plant construction could begin in Midland [Michigan] this year" at:

[http://www.mlive.com/saginawnews/business/index.ssf/2008/07/evergreen\\_solar\\_plant\\_construc.html](http://www.mlive.com/saginawnews/business/index.ssf/2008/07/evergreen_solar_plant_construc.html) or

<http://tinyurl.com/5le8gz>

### **7-16-08 More on Evergreen Solar Developments - continued**

"From solar cell to solar panel" at:

<http://www.telegram.com/article/20080716/NEWS/807160329/1002/RSS01&source=rss> or

<http://tinyurl.com/56w58q>

"Plant Brightens Dark Economy" at: <http://wbztv.com/local/devens.governor.deval.2.771915.html>

### **7-16-08 Solar Semiconductor Strategic Partnership with AS Solar**

Solar Semiconductor announced a strategic partnership with AS Solar GmbH under which Solar Semiconductor will supply to AS Solar its modules for the European market. The multiyear partnership is valued at approximately US\$695 million. Press at: <http://tinyurl.com/5jyrp5>

Solar Semiconductor: <http://www.solarsemiconductor.com/>

AS Solar: <http://www.as-solar.com/>

### **7-16-08 LDK Solar Contract with Photovoltech**

LDK Solar Co Ltd said it signed a 10-year contract to supply about 400 MW of solar wafers to Photovoltech. The company will deliver the multicrystalline solar wafers from 2009 through 2018.

Press at: <http://uk.reuters.com/article/governmentFilingsNews/idUKN1631330120080716> or

<http://tinyurl.com/5zwbxq>

LDK: <http://www.ldksolar.com/>

Photovoltech: <http://www.photovoltech.be/>

### **7-16-08 Southern California Edison Solar Panel Installation Project**

Southern California Edison began installing solar panels at the first of approximately 150 Southern California commercial rooftops that eventually will make up SCE's two square mile solar generation project. Story at: <http://biz.yahoo.com/bw/080716/20080716005388.html?v=1>

SCE: <http://www.sce.com/nrc/solar/index.html>

### **7-16-08 More on First Solar Projects, California**

First Solar has begun building the first rooftop solar system in a plan aimed at adding 250 MW of solar power capacity to large commercial rooftops in Southern California. First Solar began work on the initial 2-MW project on 14 July and expects to connect to the power grid in September. Separately, First Solar won approval to build a solar power plant in Blyth, California that will produce at least 7.5 MW and as much as 21 MW. Stories at:

<http://money.cnn.com/news/newsfeeds/articles/apwire/2d1abae13ceec2d329e35369327d8ada.htm> or

<http://tinyurl.com/6hab24> and

<http://tinyurl.com/6aryu8>

First Solar: <http://www.firstsolar.com/>

### **7-16-08 Recurrent Energy Partnership with Hudson Clean Energy Partners**

Recurrent Energy announced that it has partnered with Hudson Clean Energy Partners. Hudson has committed an initial \$75 million to fund the expansion of Recurrent Energy's business providing "Solar as a Service(SM)" to commercial and industrial properties, as well as utility and government markets in North America and emerging markets worldwide. Press at:

[http://www.businesswire.com/portal/site/google/?ndmViewId=news\\_view&newsId=20080716005419&newsLang=en](http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20080716005419&newsLang=en) or <http://tinyurl.com/5joshl>

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

Hudson Clean Energy Partners: <http://www.hudsoncep.com/>

### **7-16-08 WorldWater & Solar Technologies PV for Fresno Airport, California**

Fresno Yosemite International Airport along with WorldWater & Solar Technologies Corp. announced that a dedication ceremony is being held today in celebration of the inauguration of a 2-MW, ground-mounted solar system. Partners in the project included Sharp Solar, Xantrex Technology Inc. and Solar Power Partners. Press at:

[http://www.businesswire.com/portal/site/google/?ndmViewId=news\\_view&newsId=20080716005552&newsLang=en](http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20080716005552&newsLang=en) or <http://tinyurl.com/5d8jcp>

WorldWater & Solar Technologies: <http://www.worldwater.com/>

### **7-16-08 WorldWater & Solar Technologies PV for Fresno Airport, California - continued**

Sharp: <http://solar.sharpusa.com/solar/home/0,2462,,00.html>

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

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

### **7-16-08 Evolution Solar Bids**

Evolution Solar Corp said it is in receipt of a request for bid to install a solar array for a northeastern American municipality. According to this press, this is the 2<sup>nd</sup> request for bid in a schedule of over 10 such energy projects from an accredited Energy Services Company.

Press at: <http://biz.yahoo.com/bw/080716/20080716005439.html?.v=1>

Evolution Solar: <http://www.evolutionssolar.com/>

### **7-16-08 Trina Solar Offering**

Trina Solar Limited announced it intends to offer, subject to market conditions, \$120 million aggregate principal amount of senior convertible notes due 2013 and borrowed American depositary shares. More

at: <http://biz.yahoo.com/prnews/080716/cnw029.html?.v=26>

Trina Solar: <http://www.trinasolar.com/front/en/home.php>

### **7-16-08 China Photovoltaic SA IPO**

According to this press, China Photovoltaic SA hopes a Euronext listing in the next few weeks will help it to capture a growing solar energy market in Europe.

Press at: <http://in.reuters.com/article/asiaCompanyAndMarkets/idINL1572304920080715> or <http://tinyurl.com/5akqg5>

### **7-16-08 SkyPoint Solar Quick Fact Sheet [John Tuttle]**

A 1-page SkyPoint Solar Quick Facts is available from Andrew Zelman, InfusionCapital. See SkyPoint Solar: <http://www.skypointsolar.com/> (Website coming shortly)

### **7-16-08 Fat Spaniel Technologies and PV Powered Partnership**

Fat Spaniel Technologies, Inc. has partnered with PV Powered, Inc. to offer a factory integrated and tested monitoring solution for solar electric systems. Press at: <http://www.prnewswire.com/cgi-bin/stories.pl?ACCT=104&STORY=/www/story/07-16-2008/0004849968&EDATE=>

<http://tinyurl.com/66qbrg>

Fat Spaniel Technologies: <http://www.fatspaniel.com/>

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

### **7-16-08 Wakonda Technologies Financing**

Wakonda Technologies, Inc. announced it has raised \$9.5 million in Series A financing. Wakonda is developing an inexpensive, patent-pending material that enables the production of high-performance solar cells.

Press at: <http://biz.yahoo.com/prnews/080716/aqw529.html?.v=17>

Wakonda Technologies: <http://wakondatech.com/>

### **7-16-08 Entegris Solutions for PV Fabs**

Entegris, Inc. announced the introduction of a broad portfolio of substrate handling and contamination control product lines used in PV fabs.

Press at: <http://biz.yahoo.com/pz/080715/146308.html>

Entegris: <http://www.entegris.com/>

### **7-16-08 Pall Corporation's New Technologies**

Pall Corporation introduced 8 new technologies for the solar energy and semiconductor industries designed to improve process efficiencies as well as the environmental footprint of customer systems.

Press at: <http://tinyurl.com/5t6xoz>

Pall Corporation: <http://www.pall.com/>

### **7-16-08 Photovoltaic Solar Cells Inc Patent Filing**

Photovoltaic Solar Cells Inc announced that it has filed for a patent on its “Dye Doped Graphite Graphene Solar Cell on Aluminum Foil”.

More at: [http://www.emediaworld.com/press\\_release/release\\_detail.php?id=103483](http://www.emediaworld.com/press_release/release_detail.php?id=103483) or <http://tinyurl.com/54ruwg>

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

### **7-16-08 XsunX Efforts to Establish Manufacturing in Oregon**

XsunX, Inc. announced that efforts in the state of Oregon to establish its manufacturing facilities are gaining momentum.

Press at: <http://biz.yahoo.com/prnews/080716/clw024.html?v=101>

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

### **7-16-08 Carmanah Partnership with ENCOM**

Carmanah Technologies Corporation has partnered with ENCOM Wireless Data Solutions Inc. to add a wireless interface capability to its line of stand-alone solar-powered traffic beacons.

Press at: <http://tinyurl.com/6eflag>

Carmanah: <http://www.roadlights.com/>

ENCOM: <http://www.encomwireless.com/>

### **7-16-08 Greek Incentives Program**

Two more North American companies have moved into the Greek solar market in response to the feed-in tariff and grant program passed there in 2006. Clear Skies Solar, Inc. announced establishment of an office in Larissa, partnering with Aspen Energy, and Sustainable Energy Technologies Ltd. announced a distribution agreement with ACE Power Electronics of Athens. More on Greek incentives at RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/news/story?id=53068>

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

Sustainable Energy Technologies: <http://www.sustainableenergy.com/>

### **7-16-08 PHOTON International Contents**

The Table of Contents for the July 2008 issue of PHOTON International, along with several live links to July articles, is available at: <http://www.photon-magazine.com/>

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

### **7-16-08 Perspective on US PV Market, Solar Conference San Francisco, California**

According to an article in ClimateWire [subscription], Eicke Weber, director of the Fraunhofer Institute for Solar Energy Systems in Freiburg, Germany, predicted that the U.S. market, once the leader in solar energy manufacturing and development, is poised for a resurgence driven largely by state policy efforts and Silicon's Valley's aggressive technology sector – and that the US will likely surpass Japan and Germany in PV energy market share within the next 5 years if government incentives continue on the current track. [ClimateWire: <http://www.eenews.net/cw/>]

Intersolar North America: <http://www.intersolar.us/>

Fraunhofer ISE: <http://www.ise.fhg.de/about-us>

See also other Intersolar North America news, “Solar industry’s challenge is to lower cost” at:

<http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2008/07/15/BU111PLV8.DTL&type=tech>

“Intersolar Sparks Solar News” at Greentech Media: <http://www.greentechmedia.com/articles/intersolar-sparks-solar-news-1125.html> or <http://tinyurl.com/584emt>

### **7-16-08 FY 2009 Appropriations**

According to reports, the Senate Appropriations Committee Energy & Water Development bill recommendation for FY 2009 for Energy Efficiency and Renewable Energy-Solar Energy is \$229,000,000, with \$156,833,000 for Photovoltaic Energy Systems, \$50,000,000 for Concentrating Solar Power, and \$22,167,000 for Solar Heating and Lighting. Preliminary recommendations from the House Committee are \$220,000,000 for solar energy programs, with efforts complemented by \$69,089,000 provided for basic research relevant to solar energy utilization in the Office of Science, for a total of \$289,089,000 for solar energy RDD&D.

### **7-16-08 SolarWorld in North American Solar Challenge**

See coverage of SolarWorld No. 1, the solar racing car entered into the North American Challenge, at: <http://www.solarworld-usa.com/Module-production-expa.2544.0.html>

See also "Solar cars racing across North America" at EE Times:

<http://www.eetimes.com/news/latest/showArticle.jhtml?articleID=209100215> or <http://tinyurl.com/6osnmb>

North American Solar Challenge: <http://www.americansolarchallenge.org/>

### **7-16-08 Alternative Energy Production on the Outer Continental Shelf**

The Minerals Management Service of the U.S. Department of Interior published a proposed rule on 9 July for the regulation of alternative energy production on the Outer Continental Shelf. The proposed regulations will establish a program to grant leases, easements, and rights-of-way for renewable energy projects in federal waters on the OCS. More in the latest issue of EERE Network News [Kevin Eber]:

[http://www.eere.energy.gov/news/enn.cfm#id\\_11874](http://www.eere.energy.gov/news/enn.cfm#id_11874)

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

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

#### **7-16-08 Solar Thermal Technology**

See the story "Solar thermal technology heats up" at EE Times:

[http://www.eetimes.com/rss/showArticle.jhtml?articleID=209100185&cid=RSSfeed\\_eetimes\\_newsRSS](http://www.eetimes.com/rss/showArticle.jhtml?articleID=209100185&cid=RSSfeed_eetimes_newsRSS) or

<http://tinyurl.com/5n878v>

#### **7-17-08 enXco PV Agreement with Recycling Technology Development LLC**

enXco, an EDF Energies Nouvelles Company, has been contracted to develop, construct, own and operate a first-phase 900-kW PV array in an agreement with Recycling Technology Development LLC, owner of the site operated by its sister company Bayshore Recycling in Keasbey, New Jersey. Clean Energy Holdings and Infinite Energy will co-develop the project, which will use First Solar modules.

Stories at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR1146.htm> and

RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/partner/story?cid=2815&id=53086> or

<http://tinyurl.com/5qz2oh>

enXco: <http://www.enxco.com/>

Clean Energy Holdings: <http://www.cleanenergyholdings.com/>

First Solar: <http://www.firstsolar.com/>

#### **7-17-08 Solarcentury PV Solution for Eroski, Spain**

Solarcentury developed an innovative, quick to install, and high yield PV solution for the industrial roof of Spanish retailer Eroski, which was recently installed on one of their warehouses in San Augustin de Guadalix, Spain. Press at Solarcentury: <http://tinyurl.com/5v9mmp>

<http://www.solarcentury.co.uk/>

#### **7-17-08 IBC SOLAR Order with ersol**

IBC SOLAR has placed an order with ersol Solar Energy AG for the supply of crystalline silicon solar cells over the next 10 years, an order worth over €500 million. Story at PV Tech: [http://www.pv-tech.org/solar\\_cell/article/ibc\\_solar\\_places\\_10\\_year\\_solar\\_cell\\_order\\_with\\_ersol\\_worth\\_over\\_500\\_million](http://www.pv-tech.org/solar_cell/article/ibc_solar_places_10_year_solar_cell_order_with_ersol_worth_over_500_million)

or <http://tinyurl.com/6eoxdp>

IBC SOLAR: <http://www.ibc-solar.de/home+M52087573ab0.html>

ersol Solar Energy: <http://www.ersol.de/en>

#### **7-17-08 Conergy Strengthening of Balance Sheet**

The Management Board of Conergy AG, with the consent of the Supervisory Board, announced plans for a significant increase of the company's equity base to substantially strengthen the balance sheet of the company. Press at Conergy: [http://www.conergy.de/en/desktopdefault.aspx/tabid-182/271\\_read-9197/](http://www.conergy.de/en/desktopdefault.aspx/tabid-182/271_read-9197/) or

<http://tinyurl.com/5v6zvn>

### **7-17-08 More on Recurrent Energy Funding from Hudson Clean Energy Partners**

See more on Recurrent Energy Funding at

Venture Beat: <http://venturebeat.com/2008/07/16/big-money-continues-flowing-to-solar-services-with-75m-recurrent-energy-funding/> or <http://tinyurl.com/5j9blh>

Greentech Media: <http://www.greentechmedia.com/articles/recurrent-energy-grabs-75m-1135.html> or <http://tinyurl.com/6z97se>

NJBiz: <http://www.njbiz.com/article.asp?aID=75117>

RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/news/story?id=53084> or <http://tinyurl.com/5tz32p>

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

Hudson Clean Energy Partners: <http://www.hudsoncep.com/>

### **7-17-08 ENF Update**

ENF has significantly expanded its equipment category, re-categorizing the production equipment, adding new types of equipment and adding many new companies. More at enf.cn:

<http://www.enf.cn/news/080717/0950.html>

### **7-17-08 MEMC Wafer Sale Contracts**

See information on MEMC Wafer Sale Contracts at enf.cn: <http://www.enf.cn/news/080717/1005.html>

### **7-17-08 The Global PV Market, SolarPlaza Report [Johan Trip]**

A new report released by SolarPlaza – The global PV market: fasten your seatbelts, Analyses of market demand to 2010 – provides an overview of the different market forces driving the global demand for solar power and discusses the probability and consequences of an oversupply situation. The first part of the report discusses some of the demand dynamics in the world's major PV markets. The second part discusses some of the developments on the supply side. See the press release at SolarPlaza:

<http://www.solarplaza.com/content/pagina/globalpvmarketreport/46643> or <http://tinyurl.com/6gl2ar>

More about the report, and the link to download it, at:

[http://www.solarplaza.com/event/globaldemandconference/Global\\_PV\\_Solar\\_Demand\\_Report.html](http://www.solarplaza.com/event/globaldemandconference/Global_PV_Solar_Demand_Report.html) or

<http://tinyurl.com/6hktzo>

### **7-17-08 Solar Outlook Newsletter [Paula Mints]**

Solar Outlook is a market newsletter published by Navigant Consulting's Photovoltaic Services Program. Content includes reports on current industry activities, independent analysis of events that impact the PV industry, coverage of major conferences, interviews with industry leaders, and guest editorials. The Solar Outlook July 2008 Sample Issue is available at Navigant Consulting at:

[http://www.navigantconsulting.com/industries/energy/renewable\\_energy/solar\\_outlook\\_newsletter/](http://www.navigantconsulting.com/industries/energy/renewable_energy/solar_outlook_newsletter/) or

<http://tinyurl.com/3ozn79>

### **7-17-08 Path to Low-Cost Solar**

At the Intersolar North America conference in San Francisco, panelists discussed different ways to reduce costs. The solar industry can potentially reduce costs 40% over the next 5 years as the silicon shortage ends, according to Graham Stevens, an associate director at Navigant Consulting. Roy Johnson, CEO of CaliSolar, said that the cost of producing upgraded metallurgical-grade silicon can potentially be one-sixth that of making polysilicon. More at Greentech Media:

<http://www.greentechmedia.com/articles/charting-a-path-to-low-cost-solar-1128.html> or

<http://tinyurl.com/5m59pg>

Intersolar North America: <http://www.intersolar.us/>

### **7-17-08 Solutia Encapsulation Technology**

Solutia Inc. announced that its Saflex® Photovoltaic business is providing PVB interlayer and technical expertise in encapsulation technology to several companies that are producing the world's largest thin-film modules, measuring 5.7 square meters. Story at: <http://biz.yahoo.com/pz/080717/146556.html>

Saflex® Solutions for Photovoltaic Systems: <http://www.saflex.com/en/pv/Default.aspx>

### **7-17-08 Linde Contract with Sodiff Advanced Materials**

Linde has signed a long-term contract with Sodiff Advanced Materials for the supply of electronic-grade silane. Press at PV Tech: [http://www.pv-tech.org/materials/article/linde\\_enters\\_long\\_term\\_silane\\_supply\\_agreement\\_with\\_sodiff](http://www.pv-tech.org/materials/article/linde_enters_long_term_silane_supply_agreement_with_sodiff) or <http://tinyurl.com/6zly4w>

Linde: <http://www.linde-gas.com/>

Sodiff: <http://www.sodiff.co.kr/eng/index.asp>

### **7-17-08 PSE&G's Solar Loan Program, New Jersey**

Public Service Electric and Gas Company announced that it will begin offering its innovative solar loan program to residential customers. Story at: <http://tinyurl.com/5d35cc>

PSE&G Solar Loan Program: <http://www.pseg.com/customer/solar/index.jsp>

### **7-17-08 Colorado Renewables, Central Solar Power [Craig Cox]**

The Colorado Governor's Energy Office and Office of Economic Development and International Trade are holding "A Solar Briefing: The Promise of Colorado's Renewable Future" led by the Interwest Energy Alliance on 5 August at the State Capitol. Colorado Governor's Office: <http://www.colorado.gov/governor/>

Governor's Energy Office: <http://www.colorado.gov/energy/>

Interwest Energy Alliance: <http://www.interwestenergy.org/who/index.html>

### **7-17-08 More on ASU Solar Power Laboratory**

Arizona State University is establishing a Solar Power Laboratory to advance solar energy research, education and technology. The lab will be a collaboration between the university's Global Institute of Sustainability and Ira A. Fulton School of Engineering. More at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/news/story?id=53057>

Global Institute of Sustainability: <http://sustainability.asu.edu/giosmain/index.php>

Ira A. Fulton School of Engineering: <http://www.fulton.asu.edu/fulton/>

### **7-17-08 Perspective on Taiwan Incentive Program**

The Taiwan government plans to invest a total of NT\$1.08 trillion, which will be targeted to consumers and industry players with the goal being to encourage semiconductor and solar companies to boost their competitiveness and target domestic demand. Press at DigiTimes:

[http://www.digitimes.com/bits\\_chips/a20080717PD213.html](http://www.digitimes.com/bits_chips/a20080717PD213.html)

### **7-17-08 Solar Power Subsidies, Spain**

See coverage of Spain's solar power subsidies at Interactive Investor:

<http://www.iii.co.uk/news/?type=afxnews&articleid=6812180&subject=economic&action=article> or

<http://tinyurl.com/5uf6yp>

### **7-17-08 IREC Annual Innovation Awards Competition [Jane Pulaski]**

The Interstate Renewable Energy Council invites state and local governments, K-12 schools, non-profit organizations, and community groups to submit entries in its 13<sup>th</sup> Annual Innovation Awards Competition recognizing efforts to promote and accelerate the adoption of renewable energy technologies.

Information at IREC: <http://tinyurl.com/6plefh>

### **7-17-08 Solar in Iraq**

See the story "Iraq's electricity-starved capital goes solar" at the Los Angeles Times:

<http://www.latimes.com/news/printedition/asection/la-fg-solar14-2008jul14,0,1532793.story> or

<http://tinyurl.com/5bj3ft>

### **7-17-08 G24i Co-founder and Chairman Honored [Oliver Williams]**

Bob Hertzberg, the Co-founder and Chairman of G24 Innovations, has been announced as one of the inaugural "Force for Good Pioneers", marking the launch of the new website forceforgood.com.

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

tomorrow's company: <http://www.tomorrowcompany.com/>

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

<http://www.forceforgood.com/Blogs/Launching-forceforgoodcom-123/1.aspx> or <http://tinyurl.com/5rltkc>

### **7-17-08 ASES' SOLAR TODAY APEX Awards [Neal Lurie]**

SOLAR TODAY, the magazine of the American Solar Energy Society, has received 3 2008 APEX Awards for Publication Excellence. Press from ASES:

[http://www.ases.org/index.php?option=com\\_content&view=article&id=205&Itemid=16](http://www.ases.org/index.php?option=com_content&view=article&id=205&Itemid=16) or

<http://tinyurl.com/64kkyv>

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

### **7-17-08 Evolution Solar's Technology Advisory Committee**

Evolution Solar Corp has added Michael Franklin to its newly formed Solar Technology Advisory Committee. Press at: <http://tinyurl.com/5zvj72>

Evolution Solar: <http://www.evolutionsolar.com/>

### **7-17-08 European Photovoltaic Solar Energy Conference & Exhibition**

The 23<sup>rd</sup> European Photovoltaic Solar Energy Conference and Exhibition is set for 1-5 September 2008 in Valencia, Spain. Information at: <http://www.photovoltaic-conference.com/>

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

### **7-17-08 Global Demand Conference**

The "Second Global Demand Conference, Demand dynamics in the major PV markets" is set for 2 September 2008 in Valencia Spain. Information and Registration at SolarPlaza:

<http://www.solarplaza.com/event/globaldemandconference/Registration.html> or <http://tinyurl.com/5axh99>

<http://www.solarplaza.com/event/globaldemandconference/Programme.html> or <http://tinyurl.com/59mt2f>

### **7-18-08 SolFocus CPV Testing in Hawaii [Nancy Hartsoch]**

SolFocus introduced its new Concentrator Photovoltaics to public officials and guests at the Natural Energy Laboratory of Hawaii in a ceremony this week. In the past year, SolFocus has been collaborating with NELHA to test its CPV systems to assure that the technology is ideally suited to a tropical island environment. CEO Gary Conley also announced plans to expand the test site with a second generation CPV array in the near future. Press from SolFocus:

[http://www.solfocus.com/news\\_file/20080717171217\\_SF-PR-HI-7-08.pdf](http://www.solfocus.com/news_file/20080717171217_SF-PR-HI-7-08.pdf) or <http://tinyurl.com/6jntx5> and

<http://biz.yahoo.com/prnews/080717/lath099.html?v=101> (see photo)

SolFocus: <http://www.solfocus.com/>

### **7-18-08 Evergreen Solar Results**

Evergreen Solar, Inc. announced financial results for the quarter ended June 28, 2008. Press from Evergreen Solar: <http://www.evergreensolar.com/app/en/investors/>

### **7-18-08 Terry Jester at Hudson Clean Energy Partners as an Entrepreneur-in-Residence [Craig Cornelius]**

Terry Jester has joined Hudson Clean Energy Partners as an Entrepreneur-in-Residence. Ms. Jester joined the firm as of June 2008 and is collaborating with Hudson investment professionals Daniel Gross and Craig Cornelius in evaluation of investment opportunities in the solar sector. Press at:

<http://www.reuters.com/article/pressRelease/idUS219766+17-Jul-2008+BW20080717>

<http://www.altassets.com/news/arc/2008/nz13827.php>

Hudson Clean Energy Partners: <http://www.hudsoncep.com/>

### **7-18-08 "PV Activities in Japan and Global Highlights" Sample Issue [Izumi Kaizuka]**

"PV Activities in Japan and Global Highlights" is a monthly report published by RTS Corporation that provides the latest comprehensive information on PV activities, both in Japan and abroad, covering the latest trends in all PV-related activities by the Japanese government, local governments, utilities, PV cell/module manufacturers, housing and other PV-related industries, PV applications, nonprofit/nongovernmental organizations, and others. A June 2008 Sample Issue of "PV Activities in Japan and Global Highlights" is now available at RTS Corporation: [http://www.rts-pv.com/e\\_publications.html](http://www.rts-pv.com/e_publications.html)

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

About RTS: [http://www.rts-pv.com/e\\_about.html](http://www.rts-pv.com/e_about.html)

July 2008 (Summary in June 2008) has just been released.



### **7-18-08 ET Solar Private Equity Placement**

ET Solar Group Corp. announced the completion of a US\$31 million private equity placement transaction.

Press at: <http://tinyurl.com/5cfn5m>

ET Solar: <http://www.etsolar.com/en/default.html>

### **7-18-08 Sino-American Silicon Products Wafer Capacity**

According to this press, Sino-American Silicon Products sees its solar wafer capacity running short of demand, and amid strong orders, the company is expected to expand capacity as well as secure additional polysilicon.

Press at: [http://www.digitimes.com/bits\\_chips/a20080718PD203.html](http://www.digitimes.com/bits_chips/a20080718PD203.html)

Sino-American Silicon Products: [http://www.saswafer.com/index/index\\_tw.aspx](http://www.saswafer.com/index/index_tw.aspx)

### **7-18-08 REC ASA Gas Supply Contracts**

REC ASA has entered into several long-term supply contracts with major gas distributors worth a total of NOK 5 billion (~\$984 million). Story at PV Tech: [http://www.pv-tech.org/materials/article/rec\\_asa\\_enters\\_several\\_silane\\_supply\\_deals\\_worth\\_close\\_to\\_1\\_billion](http://www.pv-tech.org/materials/article/rec_asa_enters_several_silane_supply_deals_worth_close_to_1_billion) or

<http://tinyurl.com/6dpvdq> and

[http://www.abnnewswire.net/press/en/54705/Mining\\_Sourcing.html](http://www.abnnewswire.net/press/en/54705/Mining_Sourcing.html)

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

### **7-18-08 IBC SOLAR Purchasing Contracts**

See information on IBC SOLAR purchasing contracts at enf.cn: <http://www.enf.cn/news/080718/1755.html>

IBC SOLAR: <http://www.ibc-solar.de/>

### **7-18-08 Oerlikon Expansion**

Oerlikon Solar CEO Jeannine Sargent talks about Oerlikon's expansion in Asia and the U.S. in an article at Greentech Media at: <http://www.greentechmedia.com/articles/qa-oerlikon-ceo-plans-expansion-in-asia-us-1137.html> or <http://tinyurl.com/6d355z>

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

### **7-18-08 SolarCity Sales**

According to this article, since launching a leasing program in April for residential solar power installations, SolarCity has done more in sales than all of 2007. Story at Greentech Media:

<http://www.greentechmedia.com/articles/solarcity-sees-sales-spike-1140.html> or <http://tinyurl.com/59h8ay>

SolarCity: <http://www.solarcity.com/>

### **7-18-08 Solar-panel Firms in Sacramento, California**

Belgium-based Enfinity Corp. is the 4<sup>th</sup> European solar-panel firm with U.S. headquarters in Sacramento, California. Story at: <http://sacramento.bizjournals.com/sacramento/stories/2008/07/21/story7.html> or

<http://tinyurl.com/5e6bgu>

Enfinity: <http://www.enfinity.be/>

Previous press:

<http://www.bizjournals.com/dallas/othercities/sacramento/stories/2008/07/14/daily9.html?b=1216008000%5E1668513> or <http://tinyurl.com/5ro4k2>

### **7-18-08 SMUD Incentives**

The Sacramento Municipal Utility District plans to offer \$5.2 million of incentives over the next 10 years for new solar power installations on 3 Macy's stores, a Raley's Corp. distribution center, and a Siemens Transportation Systems facility. The contracts will pay \$2.50 per watt based on the performance of the solar-power systems. Parties to these deals include MMA Renewable Ventures LLC, SunPower Corp., and Solar Power Inc. Press at: <http://www.bizjournals.com/sacramento/stories/2008/07/14/daily45.html> or

<http://tinyurl.com/5erlsj>

MMA Renewable Ventures: <http://www.mmarenewableventures.com/>

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

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

### **7-18-08 Energy Independence**

Speaking in Washington, DC, former Vice President Al Gore said that the U.S. must commit on the scale of the Apollo moon project to end its dependence on carbon-based fuels for electricity and switch to clean, renewable sources in the next decade. Press and access to the speech at NPR:

<http://www.npr.org/templates/story/story.php?storyId=92635699#92638501> or <http://tinyurl.com/6634la>

RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/news/story?id=53096> or

<http://tinyurl.com/6yvxy>

<http://www.renewableenergyworld.com/rea/news/ate/story?id=53095> or <http://tinyurl.com/5fss7v>

Greentech Media: <http://www.greentechmedia.com/articles/al-gore-sets-energy-goal-1142.html> or

<http://tinyurl.com/6dugs>

We campaign: <http://www.wecansolveit.org/>

### **7-18-08 R&D 100 Awards, Solar Cell and Ink-jet Printing**

An ultra-light, highly efficient solar cell and use of ink-jet printing to manufacture thin-film PV – both developed at the U.S. DOE's National Renewable Energy Laboratory – have been named among this year's most significant innovations by Research & Development Magazine. The new Inverted Metamorphic Multi-Junction solar cell was developed at NREL and is being commercialized by Emcore Corp. The thin-film PV manufacturing process combines NREL's precursor inks with a rapid reactive bonding technique being commercialized by HelioVolt Corp. See more on these R&D 100 Awards in the NREL press release at: <http://www.nrel.gov/news/press/2008/618.html>

NREL: <http://www.nrel.gov/pv/>

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

HelioVolt: <http://www.heliovolta.net/>

### **7-18-08 Solar Energy Roundup, NPR [Neal Lurie]**

See "Solar Energy Roundup" with guests Rhone Resch, Frederick Morse, and Brad Collins, broadcast today at NPR's Science Friday®: <http://www.sciencefriday.com/program/archives/200807181>

<http://www.sciencefriday.com/about/listen/>

### **7-18-08 Namasté Solar Electric Featured**

See coverage of Namasté Solar Electric in the story "Unique business aims to spread solar power" at

CNN: <http://www.cnn.com/2008/TECH/07/17/solar.office/index.html>

Namasté Solar Electric: <http://www.namastesolar.com/>

### **7-18-08 BIPV Report**

For information on NanoMarkets "Building Integrated Photovoltaics Markets-2008", see:

[http://www.nanomarkets.net/products/prod\\_detail.cfm?prod=9&id=269](http://www.nanomarkets.net/products/prod_detail.cfm?prod=9&id=269) or <http://tinyurl.com/583kvf>

RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/catalog/product?cid=5213&id=22405> or

<http://tinyurl.com/645skj>

### **7-18-08 Intersolar North America Coverage**

See "Intersolar 2008: Solar energy comes to Silicon Valley" with a summary of news coverage of the event at: [http://news.cnet.com/8301-11128\\_3-9994086-54.html?part=rss&subj=news&tag=2547-1\\_3-0-20](http://news.cnet.com/8301-11128_3-9994086-54.html?part=rss&subj=news&tag=2547-1_3-0-20)

or <http://tinyurl.com/6e8vsv>

Intersolar North America: <http://www.intersolar.us/>

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

#### **7-18-08 Renewable Heating & Cooling Conference [Matthew Probyn]**

Pre-registration is now open for "Renewable Heating & Cooling" set for 16-17 October 2008 in Brussels, Belgium. Information at GreenPower™ conferences:

[http://www.greenpowerconferences.com/renewablesmarkets/rehc\\_08.html](http://www.greenpowerconferences.com/renewablesmarkets/rehc_08.html) or <http://tinyurl.com/6x6s28>

<http://www.greenpowerconferences.com/general/enquire.asp?Event=Renewable%20Heating%20and%20Cooling> or

<http://tinyurl.com/62wy27>