

NCPV Hotline — Week of August 1-8, 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>

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8-1-08 CIGS Efficiency

TechOn Nikkei reports that Japan's National Institute of Advanced Industrial Science and Technology has achieved a conversion efficiency of 17.7% from CIGS, which it claims is one of the highest for a CIGS solar cell on a flexible metal substrate.

Press at: http://www.semiconductor-today.com/news_items/2008/JULY/AIST_240708.htm or <http://tinyurl.com/6yfpzp>

8-1-08 Spray-on Solar Cells

Science and Technology Research Partners, a Dublin-based company, is currently developing "spray-on" solar cells. See more on their approach at

PV Tech: http://www.pv-tech.org/r_and_d/article/irish_company_researches_spray_on_solar_cells or <http://tinyurl.com/5kgqqup>

Irish Times: <http://www.irishtimes.com/newspaper/sciencetoday/2008/0731/1217368676032.html> or <http://tinyurl.com/6pdrd6>

SolarPrint Technology: <http://www.strep.ie/SolarPrintTechnology.htm>

8-1-08 IFC Support to Solar Cell Technology in Russia

The International Finance Corporation, a member of the World Bank Group, agreed to support solar cell technology in Russia. The IFC's \$50 million equity investment and \$25 million loan to Russian polysilicon producer Nitel Solar will help establish the company's new production facilities in Usoliye Sibirskoye, a region in southeastern Siberia. Press at IFC:

<http://www.ifc.org/ifcext/media.nsf/content/SelectedPressRelease?OpenDocument&UNID=52ADB098BF9131BD852574970043D3AB> or <http://tinyurl.com/5hq5ne>

Nitel Solar: <http://www.nitolsolar.com/>

8-1-08 Solar Company Results

See "Sharp, SolarWorld, Wacker, Itron Beat Quarterly Expectations" at Greentech Media:

<http://www.greentechmedia.com/articles/sharp-solarworld-wacker-iron-beat-quarterly-expectations-1218.html> or <http://tinyurl.com/68n26d>

Sharp: <http://sharp-world.com/corporate/ir/library/financial/index.html>

SolarWorld: <http://www.solarworld.de/Ad-hoc-Meldungen.135.0.html?L=1>

Wacker: http://www.wacker.com/cms/en/press_media/press-releases/pressinformation-detail_19567.jsp or <http://tinyurl.com/6s9jsw>

8-1-08 DuPont Thick-film Metallization Paste [Ellen Pressley]

DuPont Microcircuit Materials, part of DuPont Electronic Technologies, announced the introduction of DuPont™ Solamet® PV159 thick-film metallization paste for frontside PV solar cell metallization. DuPont will feature the product as part of its portfolio of PV solutions at the 23rd European Photovoltaic Solar Energy Exhibition 1-4 September in Valencia, Spain. Press from DuPont.

DuPont Photovoltaic Solutions: http://www2.dupont.com/Photovoltaics/en_US/index.html

http://www2.dupont.com/MCM/en_US/

Conference: <http://www.photovoltaic-conference.com/>

8-1-08 Kyocera Solar Quality Standards

Kyocera Solar, Inc. announced the registration of its Scottsdale, Arizona headquarters to the ISO 9001 standard. Story at:

http://www.businesswire.com/portal/site/home/permalink/?ndmViewId=news_view&newsId=20080731006655&newsLang=en or <http://tinyurl.com/6bm8gr>

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

8-1-08 Neo Solar Power Plans

For an update on Neo Solar Power plans, see DigiTimes at:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD0000000000000000000000006688&query=SOLAR> or <http://tinyurl.com/64mzog>

Neo Solar Power: <http://www.neosolarpower.com/>

8-1-08 Dyesol-Timo Joint Venture

The Board of Directors of Dyesol Ltd and Timo Technologies Co. Ltd. have concluded negotiations on a Korean business structure and resolved to proceed with the formation of a Joint Venture Company in Korea to be named Dyesol-Timo Co. Ltd.

Press at: Dyesol: <http://www.dyesol.com/>

8-1-08 Professor Eicke Weber on SEMI Board

SEMI announced the appointment of Professor Eicke Weber to its International Board of Directors. Story at SEMI:

<http://wps2a.semi.org/wps/portal/pagr/103/pa.103/248?dFormat=application/msword&docName=P044268> or <http://tinyurl.com/6o3u9z>

Prof. Eicke R. Weber: <http://www.ise.fhg.de/about-us>

PVGroup: <http://www.pvgroup.org/index.htm>

8-1-08 Concentrating PV Cells

See the story "Competition heats up in concentrating solar firms" at:

http://news.cnet.com/8301-11128_3-10003969-54.html

8-1-08 Solar Energy Storage

MIT scientists have discovered a potential solar energy storage process. Stories at:

<http://earth2tech.com/2008/07/31/mit-solar-energy-storage-breakthrough/>

<http://features.csmonitor.com/environment/2008/08/01/mit-researchers-attain-solar-nirvana/> or

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

http://news.cnet.com/8301-11128_3-10002704-54.html

<http://www.sciam.com/podcast/episode.cfm?id=7E5D4FD8-FC46-CEEA-89BEA7C1DC65E2F5&sc=rss> or

<http://tinyurl.com/68uxkq>

<http://www.greentechmedia.com/articles/tech-roundup-research-advances-in-fuel-cells-solar-1212.html> or

<http://tinyurl.com/5d484o>

8-1-08 Cleantech Deals

See coverage of recent cleantech deals, including solar, at

Cleantech@: <http://media.cleantech.com/3179/ge-pours-more-cash-cleantech>

8-1-08 More on Solar Subsidies

For more on solar subsidies in Spain and elsewhere, see the recent postings at SolarPlaza
<http://www.solarplaza.com/content/news.php>.

8-1-08 SolarCraft PV System, California

SolarCraft has completed a 35.4 kW PV system for the new Hamilton Marketplace Complex in Novato, California. Press at: <http://tinyurl.com/6a3fxo>
SolarCraft: <http://www.solarcraft.com/>

8-1-08 Oregon Solar Deals

Oregon regulators have given approval to deals that help cities, counties, and other public entities develop solar energy projects. Stories at: <http://www.forbes.com/feeds/ap/2008/08/01/ap5279917.html>
http://www.istockanalyst.com/article/viewiStockNews+articleid_2463420~title_Oregon-Public-Utility.html or
<http://tinyurl.com/5lokf5>
<http://www.oregonlive.com/news/oregonian/index.ssf?/base/news/12175611093930.xml&coll=7> or
<http://tinyurl.com/6rsot8>

8-1-08 New York City's Solar Empowerment Zone

See S1, SolarOne, Introducing the New York City "Solar Empowerment Zone"! at: <http://solar1.org/>
Press at: <http://www.alternative-energy-news.info/headlines/solar/>

8-1-08 The City Tour for Solar

A solar tour, designed to educate municipal leaders, community members, public schools, universities and utilities on how to make solar energy a meaningful power resource for their cities is launching at NREL on 1-2 August. More on The City Tour for Solar, and Science on a Sphere®, at:

<http://www.centredaily.com/business/technology/story/750078.html> or <http://tinyurl.com/633ho5>
<http://biz.yahoo.com/bw/080801/20080801005185.html?.v=1>

City Tour for Solar website: <http://www.citytourforsolar.com/>
Science on a Sphere: <http://sos.noaa.gov/>

8-1-08 XsunX Featured

See XsunX featured at MoneyTV at: <http://www.moneytv.net/>
<http://www.moneytv.net/frontpage.htm>
XsunX: <http://www.xsunx.com/>
Press at: <http://tinyurl.com/6qsyvu>

8-1-08 SMUD Request for Offers [SMUD News Media]

On 28 August 2008 the Sacramento Municipal Utility District will release a Request for Offers of renewable energy for power purchase agreements and/or ownership options. Proposals will be due in late October 2008. News from SMUD: <http://www.smud.org/news/news.html>
SMUD Electronic Bid Solicitation System: <https://usage.smud.org/EBSSExt/>

8-1-08 Energy Efficiency & Sustainability Symposium 2008

The Energy Efficiency & Sustainability Symposium 2008 is set for 5-6 November in Atlanta, Georgia. Information at: http://www.greentechnewsmag.com/energy08_program.php

8-4-08 New Polysilicon Plant and Crystalline Silicon Solar Cell Production, Italy

Solar Industries AG, a portfolio company of New Value AG, api nòva energia S.r.l., and Silicio Engineering S.r.l. are joining forces to set up a plant for the production of highly pure polysilicon for PV applications. In addition, Solar Industries and its strategic partner MX Group S.p.A. have founded Solarcell S.p.A., which will build a crystalline solar cell production facility in Italy, with a production capacity of 67 MWp per year.

Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsEUMA243.htm>

New Value: <http://www.newvalue.ch/>

Solarcell S.p.A.: <http://solarcellspa.com/>

MX Group: <http://www.mxgroup.it/>

8-4-08 Renewagy A/S and Beck Energy PV Project, Germany

Renewagy A/S and Beck Energy have signed a general contractor agreement for the construction of a solar power plant with more than 8.5 MWp nominal capacity in Eckolstädt near Jena. Story at Solarbuzz:

<http://www.solarbuzz.com/news/NewsEUPR490.htm>

Renewagy: <http://www.renewagy.com/>

Beck Energy: <http://www.beck-energy.com/>

8-4-08 enXco and 3rd Rock Systems PV Project, New Jersey

enXco, an EDF Energies Nouvelles Company, announced that a Power Purchase Agreement with Stevens Institute of Technology, and an EPC Agreement with RGD Energies, the financing arm of 3rd Rock Systems and Technologies, have been executed to construct a 487 kW DC PV system in Hoboken, New Jersey. Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR1164.htm>

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

3rd Rock Systems & Technologies, Inc.: <http://www.3rdrock.us/>

RGD Energies: <http://rgdenergies.com/about.html>

Stevens Institute of Technology: <http://www.stevens.edu/sit/>

8-4-08 Anheuser-Busch Renewables at Texas and California Facilities

Anheuser-Busch breweries in Houston, Texas and Fairfield, California are currently installing renewable energy technologies that will be operational by yearend. A 1.18-MW PV system will be constructed at the California facility during late summer, as part of an agreement between Anheuser-Bush and SunEdison.

Story at RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/news/story?id=53229>

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

Anheuser-Busch Press: <http://www.anheuser-busch.com/Press/2008/Jul/alternativeFuel.html> or <http://tinyurl.com/57f3k8>

8-4-08 Meadows Field Airport PV, California

The Kern County Department of Airports, together with the Kern County Board of Supervisors and Regenes Power, LLC officially broke ground on a \$6 million solar array at Meadows Field. Story at

Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR1163.htm>

Regenesis Power: <http://www.regenesispower.com/>

8-4-08 Energy Innovations Solar Concentrator UL Certification [Stephan West]

Energy Innovations announced that its flagship product, the Sunflower Solar Concentrator, has received certification from Underwriters Laboratories and is authorized to carry the UL Mark under the Concentrator Photovoltaic Modules and Assemblies category. Press at:

http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20080804005509&newsLang=en or <http://tinyurl.com/55d5ux>

Energy Innovations: <http://www.energyinnovations.com/>

8-4-08 Akeena Solar Community Programs, California

After an 8-week community program in Livermore, Akeena Solar announced that nearly 30 new homeowners have signed up to go solar. Together the systems will generate 117 kW of solar electricity.

The Pleasanton program was launched August 2.

More at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR1162.htm>

Go Solar Pleasanton!

<http://www.akeena.com/cm/solar%20network/Pleasanton%20Solar%20Power.html?CityName=Pleasanton>

Akeena Solar: <http://www.akeena.com/cm/Home.html>

8-4-08 Sojitz and Mitsubishi Solar Panel Supply for South Korean Project

Sojitz Corp. and Mitsubishi Heavy Industries Ltd. said they will supply solar power panels to a South Korean firm. The panels, ordered by solar power system integrator Taihan Techren Co., will be part of a 3-MW solar power system to be completed by the end of September.

Story at: http://www.japancorp.net/Article.Asp?Art_ID=19281

Sojitz: <http://www.sojitz.com/en/index.html>

8-4-08 Sojitz and Mitsubishi Solar Panel Supply for South Korean Project - continued

Mitsubishi Heavy Industries, Ltd.: <http://www.mhi.co.jp/en/>

http://www.mhi.co.jp/en/products/category/photovoltaic_power_generation.html or <http://tinyurl.com/6qve2b>

8-4-08 More on PV Crystalox Solar Deal with Suntech Power Holdings

PV Crystalox Solar signed an agreement to supply 260 MW of solar cell wafers to Suntech Power Holdings over the next 5 years. More on the story at:

http://newenergyfocus.com/do/ecco.py/view_item?listid=1&listcatid=32&listitemid=1531§ion= or

<http://tinyurl.com/6bo566>

PV Crystalox: <http://www.pvcystalox.com/>

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

8-4-08 More on Florida Municipal Power Agency Solar

The Florida Municipal Power Agency and SunEdison are working on a plan to build a 10-MW solar facility.

More on the story at:

http://www.ocala.com/article/20080804/NEWS/808040326/0/APS&title=Florida_firm_plans_on_building_solar_plant or <http://tinyurl.com/5rp9uq>

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

July 22 Press: http://www.fmpa.com/html/news/news_releases/2008/07_22_08.html or

<http://tinyurl.com/63vxqo>

8-4-08 Conergy Restructuring

According to Conergy press, the Conergy Group has merged both of its largest German companies faster than planned. The entire German PV business of the Group will now be conducted in an integrated manner under the name "Conergy Deutschland GmbH".

More in the press at: http://www.conergy.de/en/desktopdefault.aspx/tabid-182/271_read-9292/ or

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

8-4-08 ersol Subsidiary Operating Under New Name

aimex-solar GmbH, a wholly owned subsidiary of ersol Solar Energy AG, has changed its name to "ersol Crystalline Modules GmbH".

Press at ersol: <http://tinyurl.com/6bgz43>

8-4-08 CPV Startups

See the story "13 Startups Working on Solar-Concentrating PV" through

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

at earth2tech: <http://earth2tech.com/2008/07/31/13-startups-working-on-solar-concentrating-pv/> or

<http://tinyurl.com/6r9s7d>

8-4-08 Sunrise Solar Advisory Board Chairman

Sunrise Solar Corp. announced the appointment of Dr. K. Jun Kim as Chairman of the company's recently formed Solar Technology Advisory Board.

Press at: <http://tinyurl.com/6eh83a>

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

8-4-08 Silicon Valley Solar Giants

See the story "Solar power: Valley tech giants seek their place in the sun" at:

http://www.mercurynews.com/lifestyle/ci_10085063

8-4-08 Solar-energy Industry Expansion, North Carolina

See the story "Sun Power: Solar-energy industry, no longer in its infancy, is expanding across North Carolina" at: <http://www2.journalnow.com/content/2008/aug/04/solar-energy-industry-no-longer-in-its-infancy-is/> or

<http://tinyurl.com/6o3a78>

8-4-08 Japanese Investments in European PV Projects

According to this press, taking advantage of financial incentives for solar power generation, Japanese trading houses are stepping up investments in PV projects in Spain and elsewhere in Europe.

Press at: <http://www.asahi.com/english/Herald-asahi/TKY200808040382.html>

8-4-08 The National Academies' "Making Big Solar Work" Meeting

The National Academies' meeting, "Making Big Solar Work: Achievements, Challenges, and Opportunities" was held 29 July in Washington, DC. See more on The National Academies meeting and speakers at:

<http://www8.nationalacademies.org/cp/meetingview.aspx?MeetingID=2849&MeetingNo=1> or

<http://tinyurl.com/6qm5fg>. A presentation by one of the speakers, Ken Zweibel, a research faculty member at George Washington University Columbian College of Arts and Sciences, is available at:

<http://www.gwu.edu/~ccas/> <http://www.gwu.edu/~newsctr/newscenter/research/solar/index.cfm>

Institute for the Analysis of Solar Energy, under the direction of Ken Zweibel: <http://solar.gwu.edu/>

http://solar.gwu.edu/index_files/AboutIASE.htm

8-4-08 North American Solar Cell Manufacturing Equipment Markets

New analysis from Frost & Sullivan, North American Solar Cell Manufacturing Equipment Markets, finds that this market earned revenues of \$260.2 million in 2007 and estimates it to reach \$1.2 billion in 2014.

Press at: <http://tinyurl.com/6s55qk>

Frost & Sullivan: <http://www.frost.com/prod/servlet/svcg.pag/AESU>

8-4-08 Cleantech Investment

Venture capital investments in US cleantech companies grew by 41% to \$961.7 million in Q2 2008 according to an Ernst & Young analysis of Dow Jones VentureOne data.

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

Ernst & Young: <http://www.ey.com/global/content.nsf/International/Home>

8-4-08 Renewables Tax Credits

See the story "Solar, wind tax credits stalled" at: http://www.mercurynews.com/greenenergy/ci_10065248

8-4-08 More Debate on the Solar Means Test, Australia

See "Solar rebate applications on the rise, Govt says" at:

<http://www.abc.net.au/news/stories/2008/08/02/2322243.htm?section=australia> or <http://tinyurl.com/5cwxoh> and related press at:

<http://www.smh.com.au/news/national/applications-soaring/2008/08/02/1217097606119.html> or

<http://tinyurl.com/6dru2c> <http://www.theage.com.au/national/despise-a-dull-forecast-solar-panel-market-heats-up-20080801-3om3.html> or <http://tinyurl.com/5ug3qa>

In related solar news...

8-4-08 Andasol 3 Under Construction

Solar Millennium AG is beginning construction of the Andasol 3 parabolic trough power plant in southern Spain. Solar Millennium has placed an order through its subsidiary Marquesado Solar S.L. – the project company of Andasol 3 – with a joint venture to carry out the early work. The joint venture comprises MAN Solar Millennium GmbH and the Spanish construction company Duro Felguera S.A. Energija. Story at:

<http://www.ad-hoc-news.de/Aktie/12717746/News/18725096/PHOENIX+SOLAR.html> or

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

Solar Millennium AG: http://www.solarmillennium.com/start_en.php

8-4-08 Suryachakra Power JV with Solar Millennium

According to this press, Suryachakra Power Venture has entered into a joint venture with MAN Solar Millennium GmbH for developing solar power projects in India.

Press at: <http://tinyurl.com/6xm6m2>

MAN Solar Millennium: http://www.manferrostaal.com/man_solar_millennium.838.0.html or

<http://tinyurl.com/6opa4l>

Suryachakra Group: <http://www.suryachakra.in/>

8-5-08 Neo Solar Power Wafer Supply

Neo Solar Power announced that its Board has approved entering a 7-year procurement contract with one of the top three European wafer suppliers. Press from Neo Solar Power:

<http://www.neosolarpower.com/upload/2008080415583041906.pdf>

Press at DigiTimes:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD000000000000000000000000006711&q uery=SOLAR> or <http://tinyurl.com/5z64be>

Neo Solar Power: <http://www.neosolarpower.com/>

8-5-08 Sanyo HIT Solar Cell Factory

Sanyo Electric Co., Ltd. announced that it has completed construction of the Sanyo Shiga Plant at its Shiga facilities, which was constructed for the assembly of HIT solar cell modules as part of continuing plans to expand and develop its solar business. The plant will have an initial production capacity of 40 MW. Press and photos from Sanyo at:

<http://www.sanyo.com/news/2008/08/05-1en.html>

Sanyo: <http://www.sanyo.com/>

8-5-08 Sanyo Solar Cell Output Capacity

Sanyo Electric Co., Ltd. said it aims to boost its solar cell output capacity more than 10-fold to 4 GW a year by 2020, or about 10% of the global market. Stories at:

<http://www.reuters.com/article/companyNews/idUKT28010820080805?symbol=6764.T> or

<http://tinyurl.com/67hzkm>

<http://www.bloomberg.com/apps/news?pid=20601101&sid=aNcFbdtBKwV8&refer=japan> or

<http://tinyurl.com/68y3x8>

Sanyo: <http://www.sanyo.com/>

8-5-08 EI Solutions, Recurrent Energy 1-MW PV System, California [Helena Kimball]

EI Solutions announced a partnership with The North Face® to design, build and install a 1-MW solar electric system at its West Coast distribution center in Visalia, California. The system will be financed, owned, and operated by Recurrent Energy. Story at:

http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20080805005504&newsLang=en or <http://tinyurl.com/67eyxu>

EI Solutions™: <http://www.eispv.com/>

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

8-5-08 Hoku PV for Prudential Locations, LLC, Hawaii

Prudential Locations, LLC announced that it has selected Hoku Solar to install an 87-kW PV power system at its Oahu headquarters. Story at: <http://www.foxbusiness.com/story/prudential-locations-selects-hoku-solar-install-pv-prudential-locations-oahu/>

Hoku Solar: <http://www.hokuscientific.com/hokusolar.html>

8-5-08 HelioGrid Production

Hungary's solar module maker HelioGrid will start production at its new plant in Rétság in the autumn.

Story at: <http://www.portfolio.hu/en/cikkek.tdp?cCheck=1&k=2&i=15450>

HelioGrid: <http://heliogrid.hu/index.php?lang=en>

8-5-08 Trina Solar Modules for Espanyol Stadium

Trina Solar Limited announced an agreement to supply 500 kW of PV modules for a new stadium being built by the Spanish Premier League football team Real Club Deportivo Espanyol de Barcelona. Story at:

<http://biz.yahoo.com/prnews/080805/cntu023.html?v=45>

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

8-5-08 SCHOTT Solar OEM Strategy

See "SCHOTT Solar extends its successful OEM strategy even further" at:

http://www.yourrenewablenews.com/news_item.php?newsID=8682

SCHOTT Solar: <http://www.schottsolar.com/de/home.html>

8-5-08 Ultra Thin Crystalline Silicon Wafers

IMEC is developing a new method to produce ultra thin crystalline silicon wafers for use in solar cells. More on these developments through the PV Group <http://www.pvgroup.org/index.htm> at EDN Asia: <http://www.ednasia.com/article-21289-imecreportsnewpromisingmethodtofabricateultrathinsiliconsolarcells-asia.html> or <http://tinyurl.com/5wxz8r>

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

July 2008 Press: <http://www.imec.be/wwwinter/mediacenter/en/SlimCutSemWest.shtml> or <http://tinyurl.com/6xkdzy>

8-5-08 Black Solar Cells

Under a U.Va. Collaborative Sustainable Energy Seed Grant, a University of Virginia team is using lasers to create tiny nanoscale surface textures that reduce reflection losses in solar cells. Team member Mool Gupta developed the laser texturing process, patented through the U.Va. Patent Foundation. Story at: <http://www.virginia.edu/uvatoday/newsRelease.php?id=5959>

U.Va. Seed Grants: <http://www.virginia.edu/uvatoday/newsRelease.php?id=5946>

8-5-08 Printed Electronics

For access to “The new chemistry of printed electronics” through IDTechEx, go to:

<http://www.idtechex.com/printedelectronicsworld/en/>

<http://www.idtechex.com/printedelectronicsworld/en/news.asp>

8-5-08 BioSolar CTO Presentation at SPIE Symposium

BioSolar, Inc. reported that Chief Technology Officer Dr. Stanley Levy will deliver an oral presentation at the SPIE Symposium on Solar Energy and Applications on 12 August, which will detail the various scientific breakthroughs underlying the company’s BioBacksheet™ product. Press at: <http://tinyurl.com/62uh3w>

BioSolar™: <http://www.biosolar.com/>

SPIE: <http://spie.org/x13194.xml>

8-5-08 FPL’s Sunshine Energy Program

The Florida Public Service Commission voted to terminate Florida Power & Light Company’s Sunshine Energy Program and place any future customer contributions to the program into an escrow account. Story at RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/news/story?id=53242>

PSC Press: <http://www.floridapsc.com/home/news/index.aspx?id=428>

8-5-08 Utilities and Solar Marketing Programs

See the Q&A with Tom Nicholas, Solar Electric Power Association, titled “Utilities and Solar Marketing Programs” at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/news/ate/story?id=53203>

SEPA: <http://www.solarelectricpower.org/>

<http://www.renewableenergyworld.com/rea/author?id=45>

8-5-08 Greentech in San Jose, California

San Jose Mayor Chuck Reed unveiled a 15-year plan in October to “green” San Jose. For a Q&A with Reed on progress, see “San Jose: Hub for a green-tech gold rush?” at: http://news.cnet.com/8301-11128_3-10005020-54.html or <http://tinyurl.com/5cu2ub>

8-5-08 Solar Power International

The Solar Electric Power Association and the Solar Energy Industries Association, presenters of the Solar Power Conference and Expo since 2004, have announced that the event is being renamed Solar Power International. Story at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/news/story?id=53236>

SEPA: <http://www.solarelectricpower.org/>

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

Solar Power International 08, 13-16 October, San Diego, California: <http://www.solarpowerconference.com/>

Related press: <http://tinyurl.com/5p58a5>

8-5-08 Radio-controlled, Solar-powered Model Aircraft

See the story on the Aurora UAV endurance record at UVOnline:

<http://www.shephard.co.uk/UVOnline/default.aspx?Action=-187126550&ID=fbf5d906-ed15-4e5b-acf6-e3043065486c> or <http://tinyurl.com/5q2qal>

Aurora: <http://www.aurora.aero/>

In related solar news...

8-5-08 Transmission Capacity [Sara Lloyd-Jones]

See the "Interview with Bob Stuart, Senior Director – Transmission, BrightSource Energy, Understanding the limitations of existing bulk Transmission System in the US" at CSP Today: <http://tinyurl.com/5jkipz3>

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

8-6-08 Suniva Solar Cell Agreement with SOLON

Suniva Inc. has signed a long-term customer agreement with SOLON AG under which Suniva will deliver more than \$500 million worth of high-efficiency monocrystalline silicon solar cells to SOLON through 2012.

Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsEU0607.htm>

Cleantech@: <http://media.cleantech.com/3197/suniva-solon-500m-supply-deal> or <http://tinyurl.com/6k7q74>

Suniva: <http://www.suniva.com/>

SOLON: <http://www.solon.com/>

8-6-08 Hoku and Tianwei Polysilicon Supply Contract

Hoku Materials, Inc. and Tianwei New Energy (Chengdu) Wafer Co., Ltd. announced the signing of a definitive contract for Hoku's sale and delivery of polysilicon to Tianwei over a 10-year period beginning in early 2010. Press at: <http://www.marketwire.com/press-release/Hoku-Scientific-Inc-NASDAQ-HOKU-886282.html>

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

Tianwei New Energy: <http://www.twesolar.com/>

8-6-08 Spire Corporation Contract from ChengDu Tianwei New Energy PV Module Co. Ltd.

Spire Corporation announced it has received a contract from ChengDu Tianwei New Energy PV Module Co. Ltd. to provide multiple systems for stringing and tabbing solar cells and performing end of line test and certification. Press at: <http://biz.yahoo.com/bw/080806/20080806005216.html?v=1>

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

8-6-08 One-MW PV Plant, India

Punjab Energy Development Agency signed a Memorandum of Understanding with Bharat Petroleum Corporation Ltd to set up a 1-MW PV plant at Lalru in Mohali District.

Press at: <http://sify.com/finance/fullstory.php?id=14735272>

<http://www.newkerala.com/topstory-fullnews-7692.html>

8-6-08 One-MW SunPower PV System for Los Angeles Unified School District

The Los Angeles Unified School District announced that solar panels will be installed at its General Stores and Foods Warehouse in Pico Rivera and has signed an agreement with SunPower Corp. to install the 1-MW system. The LAUSD will purchase the electricity from a third party financier under SunPower's Access Power Purchase Agreement program.

Press at: <http://cbs2.com/local/LAUSD.Solar.Panel.2.788605.html>

http://www.laschools.org/news/item?item_id=17853112

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

8-6-08 EMCORE Solar Cell and Receiver Orders

EMCORE Corporation announced that it has entered into 2 new supply agreements for solar cells and receivers with a total value of over \$40 million. The customers placing these orders are targeting CPV developments in the U.S., with a particular focus on the California market.

Press at: <http://www.broadcastnewsroom.com/articles/viewarticle.jsp?id=475286> or <http://tinyurl.com/5h6xfr>

8-6-08 EMCORE Solar Cell and Receiver Orders - continued

PV Tech: http://www.pv-tech.org/solar_cell/article/emcore_announces_40million_dollar_concentrated_photovoltaic_cell_orders or <http://tinyurl.com/54qjwg>
EMCORE: http://www.emcore.com/solar_photovoltaics
http://www.emcore.com/news_events

8-6-08 More on Neo Solar Power Plans

Neo Solar Power updated its solar cell and thin film production plans. Story at PV Tech: http://www.pv-tech.org/fab_and_facilities/article/neo_solar_power_updates_solar_cell_and_thin_film_production_plans or <http://tinyurl.com/68rezt>
Neo Solar Power: <http://www.neosolarpower.com/>

8-6-08 Conergy Off-grid PV Systems for Indonesian Mobile Services Operator [Lyn Toh]

Conergy Renewable Energy Singapore is in the final stages of developing and installing 12 off-grid PV systems for PT Telkomsel, Indonesia's largest mobile services operator. The project will have a total installed capacity of 146 kW. Press from Conergy: http://singapore.conergy.com/desktopdefault.aspx/tabid-1207/1745_read-9293/ or <http://tinyurl.com/6jnzaq>
<http://singapore.conergy.com/desktopdefault.aspx/tabid-1207/>

8-6-08 Tynsolar Shipments

Solar module maker Tynsolar expects its shipments to jump to 35 MWp in 2008 from 10 MWp in 2007 because of strong demand from Europe. More at DigiTimes: <http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD00000000000000000000000006726&query=SOLAR> or <http://tinyurl.com/5c62ve>
Tynsolar: <http://www.tynsolar.com.tw/>

8-6-08 Kohl's Solar Power Program Expansion to Oregon

Kohl's Department Stores announced that it will expand its solar program to a 6th state, Oregon, with plans to convert 4 of its 9 stores to solar power. Story at: http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20080806005321&newsLang=en or <http://tinyurl.com/5s4tem>

8-6-08 Solar Power, Inc., Solar Power Partners PV for Medical Center Campus, California

Solar Power, Inc. has entered into an agreement with Solar Power Partners, Inc. to install a 669-kW PV system to power the Marshall Medical Center campus in Cameron Park, California. Story at: <http://tinyurl.com/6j3lw/>
Solar Power, Inc.: <http://www.solarpowerinc.net/>
Solar Power Partners: <http://www.solarpowerpartners.com/>

8-6-08 Solar Power Partners, Borrego Solar PV for School District, California

Solar Power Partners, Inc. developed a 58.52-kW (DC) PV system at the Lagunitas School District, California, with Borrego Solar as the system integration partner. Story at: http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20080806005434&newsLang=en or <http://tinyurl.com/64um9v>
Solar Power Partners: <http://www.solarpowerpartners.com/>
Borrego Solar: <http://www.borregosolar.com/>

8-6-08 Yingli Green Energy Results

Yingli Green Energy Holding Company Limited announced its unaudited financial results for the 2nd quarter ended 30 June. Press at: <http://biz.yahoo.com/bw/080806/20080806005549.html?.v=1>
Yingli also announced changes to the Board of Directors. Press at: <http://biz.yahoo.com/bw/080806/20080806005540.html?.v=1>
Yingli: <http://www.yinglisolar.com/enmain/user/index.asp>

8-6-08 Akeena Solar Results

Akeena Solar, Inc. announced results for the 2nd quarter of 2008.

Press at: <http://www.primenewswire.com/newsroom/news.html?d=148001>

Akeena Solar also opened an office in Milford, Connecticut, which will cover business in that state, New York, and New Jersey.

Press at: <http://www.bizjournals.com/eastbay/stories/2008/08/04/daily23.html> and <http://tinyurl.com/624xdd>

Akeena Solar: <http://www.akeena.com/cm/Home.html>

8-6-08 Video Interview with Matt Cheney, CEO, MMA Renewable Ventures

See the video interview with Matt Cheney, CEO of MMA Renewable Ventures, at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/news/story?id=53222>

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

8-6-08 New Executives at Advent Solar

Advent Solar, Inc. announced the appointment of 2 new executives. Fares Bagh serves as vice president of engineering and technology, and Naresh Balinga is vice president of strategic marketing. Press from Advent Solar:

<http://adventsolar.com/index.php?mact=News,cntnt01,detail,0&cntnt01articleid=12&cntnt01origid=15&cntnt01returnid=83> or <http://tinyurl.com/5ck2la>

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

8-6-08 BP Solar on Shea Homes [Tom Mueller]

Trilogy™ by Shea Homes has chosen to work with BP Solar to offer solar power on new homes. According to the press, solar systems will be free through 31 August to new homebuyers in Trilogy communities in Arizona, California, Florida and Washington, after which they will be available as an upgrade option. Press from BP at: <http://www.earthtimes.org/articles/show/trilogy-by-shea-homes-teams,495949.shtml> or

<http://tinyurl.com/5bw3jx>

BP Solar USA: <http://www.bp.com/modularhome.do?categoryId=8050&contentId=7035481> or

<http://tinyurl.com/33qcfg>

Trilogy: <http://www.trilogylife.com/index.cfm>

8-6-08 U.S. DOE Zero-Net Energy Commercial Building Initiative

The U.S. DOE announced the launch of DOE's Zero-Net Energy Commercial Building Initiative (CBI) with establishment of the National Laboratory Collaborative on Building Technologies (NLCBT).

Press at: <http://www.energy.gov/news/6454.htm>

DOE Building Technologies Program: <http://www.eere.energy.gov/buildings/>

8-6-08 NABCEP PV Study Guide

The NABCEP PV Study Guide Committee announced version 4.0 of the NABCEP PV Study Guide.

Information at RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/partner/story?id=53248>

NABCEP: <http://www.nabcep.org/>

8-6-08 Solar Power Plants on the Rise, CSP

See the story "Solar power plants On the Rise" covering a new report by Environment Colorado and briefing at the Colorado state capitol, at: <http://www.thecherrycreeknews.com/content/view/3253/2/> and

http://www.alamosanews.com/V2_news_articles.php?heading=0&page=72&story_id=8623 or

<http://tinyurl.com/68z7s3>

Environment Colorado: <http://www.environmentcolorado.org/reports/energy/energy-program-reports/on-the-rise> or

<http://tinyurl.com/63uo9u>

8-7-08 Day4 Energy Module Technology

Day4 Energy Inc. announced that it has successfully developed and tested a proprietary PV module technology specifically designed for application with solar cells based on Upgraded Metallurgical Grade (UMG) silicon material. Press at: http://biz.yahoo.com/cnw/080807/day4_pv_module techno.html?.v=1 or

<http://tinyurl.com/5mp22e>

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

8-7-08 Phoenix Solar AG Preliminary Figures [Anka Leiner]

Phoenix Solar AG announced preliminary figures for 2nd quarter 2008. Press at:

http://www.phoenixsolar.com/Press/PressReleases/content/articles/PM_080807.html?uri=/index.html or <http://tinyurl.com/6xmqe2>

Phoenix Solar: <http://www.phoenixsolar.com/>

8-7-08 Real Goods Solar Results

Real Goods Solar, Inc. announced results for its 2nd quarter ended 30 June.

Press at: <http://tinyurl.com/6b87zk>

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

8-7-08 DayStar Technologies Results

DayStar Technologies, Inc. announced financial results for its 2nd quarter of 2008 ended 30 June.

Press at: <http://biz.yahoo.com/prnews/080806/aqw076a.html?.v=5>

DayStar Technologies: <http://www.daystartech.com/>

8-7-08 Crystal Rock PV System, Connecticut

Crystal Rock LLC announced that the 300-kW PV system at the company's Watertown bottling facility is now operational. American Capital Energy and Solar Works, Inc. handled design, engineering and installation of the solar project. Story and photo at Solarbuzz:

<http://www.solarbuzz.com/News/NewsNAPR1173.htm>

American Capital Energy: <http://www.americancapitalenergy.com/>

Solar Works Inc: <http://www.solar-works.com/>

8-7-08 Dyesol Facilities at Universita Roma Tor Vergata

The grand opening of the dye solar cell laboratory and prototyping facilities at Tecnopolo Tiburtina in Rome was 21 July. The facilities were developed in collaboration between the University and Dyesol Italia S.r.l.

Press at Dyesol: <http://www.dyesol.com/>

8-7-08 Solar Decathlon, 2010 Competition [Richard King]

The Universidad Politécnic de Madrid is sponsoring the first Solar Decathlon EUROPE to be held in Spain in May-June 2010. Information on the event, including the invitation to participate, is available at:

<http://www.sdeurope.org/> <http://www.sdeurope.org/index.php/eng/>

<http://www.sdeurope.org/index.php/eng/ABOUT-SOLAR-DECATHLON>

For a copy of the Request for Proposals, and upcoming due dates, go to:

<http://www.sdeurope.org/index.php/eng/ABOUT-SOLAR-DECATHLON/2010-Competition> or

<http://tinyurl.com/5v8fml>

8-7-08 Solar Decathlon House at DNC

The University of Colorado's most recent contribution to the Solar Decathlon will be moved from its current location on CU's East Campus to Denver where it will be displayed during the Democratic National Convention. More at:

<http://www.coloradodaily.com/news/2008/aug/06/word-jump-line-here-the-big-move-cus-solar-house/> or <http://tinyurl.com/6ffgqo>

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

8-7-08 Solar Homes, Europe

High oil and gas prices have made residential solar more economical, sparking a jump in European demand. See "Sunny Days for Solar Homes" at The Wall Street Journal:

http://online.wsj.com/article/SB121805962708118329.html?mod=googlenews_wsj or

<http://tinyurl.com/6mqc5v>

8-7-08 Sputnik Engineering Transformerless Inverters, Uni-Solar

According to this press, Uni-Solar has approved transformerless inverters from Sputnik Engineering for use with its products. Story at PV Tech: http://www.pv-tech.org/pv_modules/article/unisolar_approves_transformerless_inverters_from_sputnik_engineering_for_it

or <http://tinyurl.com/65nwaq>

8-7-08 Sputnik Engineering Transformerless Inverters, Uni-Solar - continued

Press from Solar Max®/Sputnik Engineering:

<http://www.solarmax.com/pub/pressemitteilungen.php?lng=en&show=143#position143> or

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

Uni-Solar: <http://www.uni-solar.com/>

8-7-08 PV Powered Integrated Monitoring Solutions

PV Powered is offering tightly integrated monitoring solutions from leading PV data monitoring providers.

PV Powered's commercial inverters can be ordered and shipped with integrated monitoring solutions from Draker Laboratories, Energy Recommerce, and Fat Spaniel. More at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/partner/story?cid=1877&id=53264> or <http://tinyurl.com/5rnsul>

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

8-7-08 PG&E Solar Bids

According to this press, Pacific Gas & Electric has received a large number of bids for solar power projects and solar thermal power plants under its 2008 renewable energy solicitation.

Press at: <http://www.bizjournals.com/eastbay/stories/2008/08/04/daily52.html>

8-7-08 IKEA into Cleantech

Sweden's IKEA unveiled an investment group to put €50 million into cleantech startups over the next 5 years, with the eventual goal of seeing solar panels and other clean technologies on sale at its stores or used by IKEA suppliers.

Story at Cleantech®: <http://media.cleantech.com/3199/shopping-cleantech-ikea>

CNet: http://news.yahoo.com/s/cnet/20080807/tc_cnet/83011112831000959354_1 or

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

IKEA®: <http://www.ikea.com/>

8-7-08 Solar Energy Promising Long-term

Said Chung-Wen Lan, director-general of Industrial Technology Research Institute's Photovoltaics Technology Center, solar energy demand is promising in the long run, but a bubble is inevitable in the near term, in press at DigiTimes:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD00000000000000000000000006754&query=SOLAR> or <http://tinyurl.com/67q8ad>

8-7-08 Solar at Florida State Universities

See the story "Florida pouring \$50M into solar energy research at state universities" at:

http://www.orlandosentinel.com/community/news/ucf/orl-solar0708aug07_0_539447_story or

<http://tinyurl.com/59y3so>

8-7-08 More on Prof. Eicke Weber on SEMI International Board

Professor Eicke Weber, director of the Fraunhofer Institute for Solar Energy Systems and a professor of physics and applied sciences at the Albert-Ludwig University of Freiburg, Germany, has joined the SEMI International Board of Directors. Press at EETimes Europe:

http://www.eetimes.com/news/semi/rss/showArticle.jhtml?articleID=209904101&cid=RSSfeed_eetimes_semiRSS or <http://tinyurl.com/6yyt3u>

8-7-08 Applied Materials' VP and GM of Display and Thin Film Solar Products Business Group

Applied Materials announced the promotion of Gilad Almogy, Ph.D., to senior vice president and general manager of the Display and Thin Film Solar Products Business Group.

Press at: <http://tinyurl.com/6gqth8> Applied Materials: <http://www.appliedmaterials.com/>

8-7-08 ET Solar PV Donations to Tibetan Villages

ET Solar Group Corp. announced that it has donated multiple PV systems to 8 remote Tibetan villages.

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

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

In related solar news...

8-7-08 Renewable Heating & Cooling [Matthew Probyn]

Renewable Heating & Cooling is set for 16-17 October 2008 in Brussels, Belgium. Information at:
<http://greenpower.msgfocus.com/q/12jcFrqcA6j9L/wv>

8-7-08 IAUS Project, California

IAUS has begun construction on the first phase of a project being installed near the Great Basin Desert in eastern California. Story through SolarPlaza <http://www.solarplaza.com/content/news.php> at:
<http://www.alternative-energy-news.info/solar-lens-towers-power-california/>
IAUS: <http://www.iaus.com/>