

NCPV Hotline — Week of October 6-10, 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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Subscribe/Unsubscribe: Email name, organization, and e-mail address to [Carol Riordan](mailto:Carol_Riordan@nrel.gov) <mailto:Carol_Riordan@nrel.gov> at NREL

NOTE: The NCPV Hotline will be off line on October 10.

10-6-08 Extension of U.S. Renewables Tax Credits

Congress passed, and the President signed, a Wall Street rescue package, which also includes an 8-year extension of credits for investment in residential and commercial solar projects and removes a \$2,000 cap on the size of the residential credit. See more on extension of the solar and other renewable energy tax credits in the press at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAGO370.htm>
RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/news/story?id=53755>

Renewable Energy Focus:

http://www.renewableenergyfocus.com/articles/general/news/081006_ptcitic.html or

<http://tinyurl.com/4x9xcx>

Greentech Media: <http://www.greentechmedia.com/articles/house-approves-energy-tax-credits-bailout-1530.html> or <http://tinyurl.com/4vjzc5>

SEIA: http://seia.org/cs/news_detail?pressrelease.id=217

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

<http://www.solarelectricpower.org/docs/SEPA%20Statement%20on%20ITC.pdf> or <http://tinyurl.com/4pqol>

10-6-08 Albatech Module Contract with Hyundai Heavy Industries

Albatech, a MetaSystem Group company, initiated a commercial partnership with Hyundai Heavy Industries, with the first contract to supply Hyundai multi-crystalline and mono-crystalline PV modules in excess of 9 million Euros that will be distributed in Italy by Albatech. Story at Solarbuzz:

<http://www.solarbuzz.com/News/NewsEUCO639.htm>

Albatech: <http://www.albatech.com/index.php?section=1>

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

10-6-08 Helio Micro Utility and Verde Energy Strategic Partnership

Helio Micro Utility and Verde Energy introduced a new strategic partnership to provide financing for solar power projects. Press at:

http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20081006005475&newsLang=en or <http://tinyurl.com/3vaqc7>

Helio mU: <http://www.heliomu.com/>

Verde Energy: <http://www.verdeenergy.com/>

10-6-08 Apollo Solar Financing

Apollo Solar has raised US\$4.5 million in a private offering of preferred stock. Story at

RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/partner/story?cid=3470&id=53768> or <http://tinyurl.com/3hp6v7>

Apollo Solar: <http://www.apollo-solar.net/>

10-6-08 Yingli and EN-NEO Supplementary Contract

Yingli Green Energy Holding Company Limited announced that it has entered into a supplementary contract with EN-NEO NEUE ENERGIEN GmbH under which EN-NEO has agreed to exercise an option to purchase an additional 9 MW of PV modules. Press at:

<http://www.centredaily.com/business/story/884803.html>

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

EN-NEO GmbH: http://www.koehl.eu/website/html/cms-renewable-energy_22.11.UK.html or

<http://tinyurl.com/47hfom>

10-6-08 Solar Investments

See "Funding Roundup: Investors Back Solar, Car Tech" at Greentech Media:

<http://www.greentechmedia.com/articles/funding-roundup-investors-back-solar-car-tech-1534.html> or

<http://tinyurl.com/4exqpk>

10-6-08 Ascent Solar Technologies Chief Marketing Officer [Brian Blackman]

Ascent Solar Technologies, Inc. announced that Bruce Berkoff has been appointed Chief Marketing Officer of the company. Press at: <http://biz.yahoo.com/bw/081006/20081006005195.html?v=1>

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

10-6-08 Amtech Systems Bookings

Amtech Systems, Inc. announced that it has booked over \$100 million in orders for its solar and semiconductor products in fiscal 2008 ended 30 September, with solar orders approximating 70% of total bookings. Press at: <http://tinyurl.com/4q35qp>

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

10-6-08 Flexible Silicon Solar Cells

See coverage of R&D led by John Rogers of the University of Illinois at Urbana-Champaign, on silicon-based solar cells that can be made thin enough to put on plastic to make a rollable system at:

<http://www.reuters.com/article/scienceNews/idUSTRE49429H20081005> or <http://tinyurl.com/4x9a7r>

Press at MIT Technology Review: <http://www.technologyreview.com/energy/21467/>

10-6-08 Heavy Roll Machines for Solar Industry

A new level of precision for manufacturing heavy rolls of thin-film materials for the solar industry will be showcased by Northfield Automation at Solar Power International 2008. Press at:

<http://www.prweb.com/releases/2008/10/prweb1418334.htm>

Northfield: <http://www.northfieldautomation.com/>

Solar Power International 2008: <http://www.solarpowerconference.com/>

10-6-08 PV Forum & Exhibition Taiwan

For coverage of the PV Forum & Exhibition Taiwan '08, 7-8 October, see: <http://tinyurl.com/4ey5hg>

Conference Website: <http://www.pvtaiwan.com/>

10-6-08 First Solar Groundbreaking

First Solar is holding a groundbreaking ceremony for its expansion in Ohio. Press at: http://www.sent-trib.com/index.php?option=com_content&task=view&id=6638&Itemid=81 or <http://tinyurl.com/4shmlt>

<http://www.nbc24.com/news/story.aspx?id=202324>

<http://www.wxix.com/Global/story.asp?S=9130156>

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

10-6-08 Spanish Renewable Energy Delegation in California

Spanish firms are visiting California, meeting with major utilities, economic development officials, legislators, regulators, private firms, the Lt. Governor, and members of the Governor's staff, regarding investment in renewable energy growth. Press at: <http://www.centredaily.com/business/story/885013.html>

10-6-08 PV Materials, Forecasts

See coverage of PV forecasts in the articles at PV Tech: <http://tinyurl.com/4adds> and RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/news/story?id=53736>
PV Group Silicon Valley Photovoltaic Forecast Luncheon, held 18 September:
<http://www.semi.org/en/P044264>

10-6-08 Sunrise Solar Green University

Sunrise Solar Corp. announced the formation of the 'Green University' that will provide training for green collar jobs. Press at: <http://www.centredaily.com/news/education/story/885014.html>
Sunrise Solar: <http://www.sunrisesolarcorp.com/>

In related solar news...

10-6-08 Solar Water Heating Workshop

The Solar Living Institute is offering a 3-day intensive workshop for homeowners and professionals called Solar Water Heating Intensive, 7-9 November, at its facility in Hopland, California. Information at RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/partner/story?cid=1876&id=53758> or <http://tinyurl.com/3hjodd>
Solar Living Institute: <http://www.solarliving.org/>

NOTE: Each day the NCPV Hotline is mailed, there are a variable and small number of recipients whose servers for their email addresses reject the mailing as spam or as un-allowed content. If delivery is intermittent for you, it might be necessary to specifically allow the "from" address in the filtering options to receive all the mailings.

10-7-08 Solyndra Solar Panels for Commercial Rooftop Market, Phoenix Solar Framework Agreement

Solyndra, Inc. has introduced a new PV system for the commercial rooftop market. The company is currently shipping its systems, comprising panels and mounting hardware, to fulfill more than \$1.2 billion of multi-year contracts with customers in Europe and the United States. More on the technology and module design at Solarbuzz: <http://www.solarbuzz.com/news/NewsNAPT183.htm>

Solyndra press: <http://www.solyndra.com/News/Press-Release-01>

Scientific American: <http://www.sciam.com/article.cfm?id=cylindrical-solar-cells-give-new-meaning-to-sunroof> or <http://tinyurl.com/4akv7h>

Mercury News: http://www.mercurynews.com/business/ci_10653270?source=rss

San Francisco Chronicle: <http://tinyurl.com/4jk8zx>

Cleantech(R): <http://www.cleantech.com/news/3647/solyndra-cigs-thin-film-solar-panel-tube-cylinder> or <http://tinyurl.com/53pm2c>

See also, "Phoenix Solar AG Introduces Solyndra(TM) Solar Panels to the European Market" in the Phoenix Solar press at: <http://tinyurl.com/4bdgn2>

Solyndra: <http://www.solyndra.com/>

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

10-7-08 Konarka Technologies Thin-film Manufacturing Facility [Tracy Wemett]

Konarka Technologies, Inc. announced that the company has opened its roll-to-roll flexible thin film solar manufacturing facility, with the potential to produce over a GW of flexible plastic solar modules per year, preparing for the commercialization and mass production of its patent-protected thin film solar material, Power Plastic(R). The company has hired technology and process engineering teams from Polaroid, with plans to hire over 100 additional employees as production increases toward capacity over the next 2-3 years. Press from Konarka Technologies: <http://tinyurl.com/3tlhor>

RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/news/story?id=53779>

Mass High Tech: <http://www.masshightech.com/stories/2008/10/06/daily21-Konarka-opens-New-Bedford-solar-manufacturing-site.html> or <http://tinyurl.com/3u6lqf>

Konarka: <http://www.konarka.com/>

10-7-08 Hydro Investment in Ascent Solar, Ascent Solar at Conferences

Hydro has invested \$15 million in Ascent Solar, increasing the company's ownership share from 26.5% to 35%. Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO835.htm>

Hydro press: <http://www.hydro.com/en/Press-room/News/Archive/2008/09/Hydro-boosts-investment-in-Ascent-Solar/> or <http://tinyurl.com/4yv6sj> <http://www.hydro.com/en/Press-room/>

Ascent Solar Press: <http://www.ascentsolar.com/view.php?tg=press&id=76>

Ascent Solar Technologies announced that the company will present at the UBS Global Solar Conference on 14 October, and will also exhibit at the Solar Power International Conference 13-16 October.

Press from Ascent Solar: <http://tinyurl.com/4m4ole>

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

10-7-08 Prism Solar Technologies Manufacturing Grant [Rick Lewandowski]

Prism Solar Technologies, Inc. was awarded a \$1,000,000 grant from The Solar Energy Consortium as part of its financing to begin manufacturing of its patented holographic planar concentrator technology in New York State. Press from Prism Solar Technologies at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/partner/story?cid=7416&id=53781> or <http://tinyurl.com/52uzu4>

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

The Solar Energy Consortium: <http://thesolarec.org/>

10-7-08 Neo Solar Power Contract with Solarday

Neo Solar Power announced that it signed a 5-year contract with a total value of US\$2.1 million with Solarday SpA to supply solar cells during 2009-2013.

Press at DigiTimes: <http://www.digitimes.com/news/a20081007PR205.html>

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

Solarday: http://www.solarday.it/index_ig.php

10-7-08 Samsung's 3-MW Solar Plant [Iris Chan]

Samsung C&T Corporation recently dedicated the 3-MW "Sol-Luce Jindo" PV power plant in Jindo County, South Jeolla Province in Korea. S-Energy Co. Ltd. designed and built the system using their solar modules and the SunSeeker(R) Single-Axis Tracker System by Thompson Technology Industries. Press and photo at RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/partner/story?id=53775&src=rss> or <http://tinyurl.com/3sg3y6>

Solarbuzz: <http://www.solarbuzz.com/News/NewsASPR201.htm>

S-Energy: <http://www.s-energy.co.kr/>

Thompson Technology Industries: <http://www.thompontec.com/>

Samsung C&T Corporation: <http://www.samsungcnt.com/overview/corp.asp>

10-7-08 Dyesol Manufacturing Facilities

The Australian Minister for Energy and Resources officially opened Dyesol's new manufacturing facilities in Queanbeyan, New South Wales. In addition to increasing its manufacturing capacity in Queanbeyan, Dyesol has established a facility in North Wales, United Kingdom.

Press from Dyesol: <http://tinyurl.com/49pvkx>

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

10-7-08 Canadian Solar Contracts with Iliotec Solar

Canadian Solar has signed two sales contracts with Iliotec Solar GmbH and Iliotec Solar International.

Through these contracts, Iliotec will purchase 28 MW of solar modules from CSI and obtain the option for another 20 MW for delivery in 2009.

Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsEU641.htm>

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

Iliotec: <http://www.iliotec.de/hp1/Startseite.htm>

10-7-08 SolarCity Expansion, California

SolarCity(R) announced a major Southern California expansion. Press at: <http://tinyurl.com/3zcf5g>

SolarCity(R): <http://www.solarcity.com/>

10-7-08 EnergyMixx Deal with Deutsche Bank

EnergyMixx AG has signed a deal with the London Office of Deutsche Bank AG for the bank to be sole mandated lead manager to arrange and syndicate at least EUR 500 million of non-recourse project finance senior debt for the company's renewable energy projects in Italy. EnergyMixx's portfolio of projects includes 105 MW of PV and 200 MW of wind energy projects. Press at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/news/story?id=53777>

EnergyMixx: <http://www.energymixx.ch/index.php?id=30&L=1>

Deutsche Bank: http://www.db.com/index_e.htm

10-7-08 Solar Tracking

Energy Innovations, Inc. announced that the company's RayTracker GC product has been installed by several new customers and will be included in installations representing over 2 MW of solar energy starting this month. Press at: <http://biz.yahoo.com/bw/081007/20081007005824.html?.v=1>

RayTracker(TM): <http://www.raytracker.com/>

Energy Innovations(TM): <http://www.energyinnovations.com/>

10-7-08 Timminco Update

AMG Advanced Metallurgical Group N.V. announced that its 50.4% subsidiary Timminco Limited is providing an update on the production and operations of its solar grade silicon product line for its third quarter ended 30 September. Press at: <http://tinyurl.com/4leppc>

AMG: <http://www.amg-nv.com/>

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

10-7-08 Grand Opening of SolarWorld Facility, Oregon

SolarWorld announced it will mark the opening of its solar cell manufacturing facility with a Grand Opening Ceremony and News Conference in Hillsboro on 17 October. Information at:

<http://biz.yahoo.com/prnews/081007/aqtu084.html?.v=67>

On October 18, the SolarWorld facility opens its doors to the public. Announcement at:

<http://www.solarworld-usa.com/Open-house-in-America.579.0.html> or <http://tinyurl.com/42ofrt>

10-7-08 More on First Solar Groundbreaking

First Solar held the official groundbreaking ceremony for the expansion of its Perrysburg, Ohio facility.

Upon completion, the expansion will increase the annual capacity at the Perrysburg facility to approximately 192 MW. Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAMA133.htm> and <http://toledoblade.com/apps/pbcs.dll/article?AID=/20081007/BUSINESS06/810070349> or

<http://tinyurl.com/49q6ao> and <http://tinyurl.com/4w3wxu>

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

10-7-08 More on SolFocus CPV Installations

Semiconductor Today features SolFocus in the article "SolFocus first to complete ISFOC CPV installation" at: http://www.semiconductor-today.com/news_items/2008/OCT/SOLFOCUS_021008.htm or

<http://tinyurl.com/4o9om6>

SolFocus press 25 September:

http://www.solfocus.com/news_file/20080929120848_ISFOC_500_Final.pdf or <http://tinyurl.com/3tgf4m>

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

ISFOC: <http://www.isfoc.es/>

10-7-08 SunPower Adding Jobs

According to this press, SunPower Corp will add jobs to its U.S. operations immediately because of the 8-year extension in solar power tax credits. Press at:

<http://www.reuters.com/article/GlobalEnvironment08/idUSTRE49574B20081006> or <http://tinyurl.com/4t59se>

<http://www.guardian.co.uk/business/feedarticle/7845424>

10-7-08 Silicon Supply

See the story "Silicon supply shifts solar dynamics" at EE Times:

<http://www.eetimes.com/news/latest/showArticle.jhtml?articleID=210700221> or <http://tinyurl.com/3kdht7>

See also "BIPV Market Challenged by the Shortage of Polysilicon", with reference to the Frost & Sullivan 2008 quarterly analyst briefing presentation on the European BIPV market set for 14 October.

Press at: <http://biz.yahoo.com/prnews/081007/latu002.html?v=101>

More on Frost & Sullivan, BIPV at PV Tech: <http://tinyurl.com/3zhxkb>

10-7-08 New Utility-scale Inverter

Advanced Energy(R) Industries, Inc. introduced its newest Solaron(R) offering – a 500 kW, utility-scale, transformerless, grid-tie PV inverter. Press at: http://www.earthtimes.org/articles/show/advanced-energy-introduces-a-utility-scale_569276.shtml or <http://tinyurl.com/4kol7p>

Solaron(R): <http://www.aesolaron.com/>

Advanced Energy(R): <http://www.advanced-energy.com/>

10-7-08 Despatch Industries PV Market Share

Despatch Industries achieved another sales milestone in 2008. By the beginning of the third quarter of 2008, Despatch has received more than 50% more orders for their flagship firing furnace than they received in all of 2007. Press at Despatch:

<http://www.despatch.com/site.aspx?section=253&newsItem=133>

Despatch Industries: <http://www.despatch.com/>

10-7-08 Gap Inc. 1-MW PV System, California

Gap Inc. installed a 1-MW PV system on 5 acres at its Fresno distribution center campus. MMA Renewable Ventures owns and runs the system, which was designed and installed by SunPower.

Press at: http://www.bizjournals.com/sanfrancisco/stories/2008/10/06/daily12.html?ana=from_rss or <http://tinyurl.com/49w8lr>

MMA Renewable Ventures Press: <http://mmarenew.com/news/docs/GapIncSolar.pdf>
<http://mmarenew.com/>

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

10-7-08 Mitsubishi PV Panels for California Winery

Mitsubishi Electric & Electronics USA's Photovoltaic Division will provide solar panels for a 1.2 MW solar system installation at Constellation Wines US' Gonzales Winery in Monterey County.

Press at: <http://tinyurl.com/3edasy>

Mitsubishi: <http://www.mitsubishielectricsolar.com/>

10-7-08 PV for Private School, Hawaii

Seven buildings on the Punahou School campus will be equipped with PV systems, which are being installed by Island Pacific Energy for a total of 460 kW. Press at:

<http://www.bizjournals.com/pacific/stories/2008/10/06/daily12.html>

Island Pacific Energy: <http://www.islandpacificenergy.com/>

10-7-08 Prof. Eicke R. Weber Interviewed

Prof. Eicke R. Weber, Director of the Fraunhofer Institute for Solar Energy Systems ISE and co-founder of CaliSolar, is interviewed by Mark Osborne, Editor-in-Chief, Photovoltaics International. See the videos at

PV Tech Solar Leaders: http://www.pv-tech.org/solar_leaders_tv

<http://tinyurl.com/4o49cg>

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

10-7-08 GreenVolts VP and GC

GreenVolts introduced Richard Raushenbush as the company's Vice President and General Counsel.

Press at GreenVolts: <http://tinyurl.com/483hv6>

10-7-08 Venture Capital, Greentech Investment, Tax Incentives Perspectives

See "VCs to Solar Startups: A Deal You Can't Refuse" at Greentech Media:

<http://www.greentechmedia.com/articles/vcs-to-solar-startups-a-deal-you-cant-refuse-1539.html> or <http://tinyurl.com/4m96bh>

See also, "U.S. to Attract More Foreign Greentech Investments" at Greentech Media:

<http://www.greentechmedia.com/articles/us-to-attract-more-foreign-greentech-investments-1537.html> or <http://tinyurl.com/45npue>

Also, "Solar takes stock after tax-credit battle" at Cleantech(R): <http://www.cleantech.com/news/3645/itc-passes-now-what>

10-7-08 SEPA's Featured Resource Tool – NREL's IMBY

SEPA has featured NREL's "In My Backyard" tool in its most recent e-news. IMBY estimates the electricity that is produced with a PV array or wind turbine at specific locations, which can be user specified. SEPA's latest news also includes a member highlight, SEPA news and events, utility news, policy news, industry member news, other stories of interest, requests for proposals, and a calendar.

In My Backyard": <http://www.nrel.gov/eis/imby/>

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

10-7-08 National Academy of Engineering Grand Challenges for Engineering

The National Academy of Engineering identified 14 grand challenges, one of which is making solar energy economical, discussed at the NAE Annual Meeting Public Symposium on 6 October. Information at:

<http://www.nae.edu/nae/naehome.nsf/weblinks/MKEZ-7HEP57?OpenDocument> or <http://tinyurl.com/3st7ou>
<http://www.engineeringchallenges.org/cms/8996/9082.aspx>
<http://www.engineeringchallenges.org/>

10-7-08 Renewable Energy in America National Policy Forum

Earlybird prices for ACORE's Phase II of Renewable Energy in America National Policy Forum expire 24 October. Registration at:

http://www.acorephaseii.com/index.php?option=com_content&view=article&id=52&Itemid=65 or <http://tinyurl.com/3lyvp8>

Forum Website: <http://www.acorephaseii.com/>

10-7-08 IREC Telephone Seminar on NEC

The next IREC Telephone Seminar on the 2008 Update of the National Electrical Code(R) is 12 November. Information and registration at: <http://nec.eventbrite.com/>

10-7-08 State Energy Program Conservation Update

The U.S. DOE's State Energy Program September-October 2008 Conservation Update summarizing renewable energy projects and other activities of state energy offices is available at:

http://apps1.eere.energy.gov/state_energy_program/update/

EERE State Activities & Partnerships: <http://apps1.eere.energy.gov/states/>

In related solar news...

10-7-08 State Energy Efficiency Scorecard, ACEEE

California tops the list of U.S. states employing energy efficiency as the "first fuel" to grow their economies while meeting electricity demand, combating global warming, and contributing to U.S. energy security, according to a new report released by the American Council for an Energy-Efficient Economy. The 2008 State Energy Efficiency Scorecard rated and ranked state-level action on model energy efficiency policies, programs, and practices. Report at: <http://www.aceee.org/pubs/e086.htm>

State Energy Efficiency Policy Database: <http://www.aceee.org/energy/state/index.htm>

ACEEE: <http://www.aceee.org/>

10-7-08 Solar Updraft Tower

Except Architecture & Consultancy is investigating the possibility of more creative applications of the solar updraft tower, which would combine the tower with other land uses. See more on the concept in the story "Solar Updraft Towers: Variations and Research" at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/news/story?id=53742>

Except: <http://www.except.nl/>

10-8-08 Green Energy Technology Thin-film Modules

Green Energy Technology has extended its production to a-Si thin-film solar modules and is showcasing a thin-film module and two small-size see-through thin-film modules at the 2008 Taiwan International Photovoltaic Forum and Exhibition. Story at DigiTimes:

<http://www.digitimes.com/news/a20081008PD201.html>

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

10-8-08 E-Ton Solar New Monocrystalline Solar Cells

E-Ton Solar Tech exhibited its new monocrystalline solar cells produced from 5-inch silicon wafers with an energy conversion rate of 18.17%.

Press at DigiTimes: <http://www.digitimes.com/news/a20081008PD202.html>

E-Ton Solar: <http://www.e-tonsolar.com/>

10-8-08 LDK Solar Third Quarter Outlook

LDK Solar Co., Ltd. provided an updated outlook for the third quarter of 2008.

Press at: <http://tinyurl.com/4lp7wc> and

<http://tinyurl.com/3ku6cu>

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

10-8-08 Yingli Business Updates

Yingli Green Energy Holding Company Limited announced business updates.

Press at: <http://biz.yahoo.com/bw/081008/20081008005655.html?.v=1> and

<http://tinyurl.com/4ytzuj>

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

10-8-08 DayStar Technologies Milestone Update

DayStar Technologies, Inc. is providing Q3 milestone updates via the Website.

Press at: <http://biz.yahoo.com/prnews/081008/aqw061.html?.v=65>

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

10-8-08 Solterra License with Rice University

Hague Corp. announced that Solterra Renewable Technologies, Inc. has concluded the worldwide exclusive license with the William Marsh Rice University for intellectual property which includes the "Synthesis of Uniform Nanoparticle Shapes with High Selectivity." Press at: <http://tinyurl.com/43fzys>

Solterra: <http://www.solterasolarcells.com/>

Previous press on Hague Corp., Solterra: <http://tinyurl.com/3te6op>

10-8-08 ARISE Technologies Pilot Plant, Third-quarter Results

ARISE Technologies Corporation announced it signed a lease for a facility in Kitchener, Ontario where it will locate its new pilot plant for the production of 7N+ solar-grade polysilicon.

Press from ARISE: <http://tinyurl.com/4dof49>

Third quarter results are available at: <http://www.arisetech.com/content/view/213/98/>

10-8-08 PV for Healthcare Facility, California

Sutter Auburn Faith Hospital has plans for a 736-kW PV system to be designed and constructed by SPG Solar. The hospital has partnered with Tioga Energy on upfront costs and maintenance requirements.

Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR1244.htm>

SPG Solar: <http://www.spgsolar.com/>

Tioga Energy: <http://www.tiogaenergy.com/>

10-8-08 Martifer Solar PV Skylight, Participation in PV Rome Mediterranean

See the press on Martifer Solar's PV skylight at: <http://www.martifersolar.com/?pg=Noticias&q=3&n=197>
Martifer Solar participated in the first edition of PV Rome Mediterranean.
Press at: <http://www.martifersolar.com/?pg=Noticias&q=3&n=202>
Martifer Solar: <http://www.martifersolar.com/?pg=Index2&lang=en>
PV Rome Mediterranean 2008: http://www.zeroemissionrome.eu/en/index_pvr.asp

10-8-08 3TIER Office in Washington, DC

3TIER announced the opening of an office in Washington, DC. Story at RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/partner/story?cid=4561&id=53792> or <http://tinyurl.com/3lebum>
3TIER: <http://www.3tiergroup.com/>

10-8-08 Fresh & Easy Neighborhood Market PV Output

Fresh & Easy Neighborhood Market announced that the solar panel installation at its California distribution center is providing nearly three quarters of the facility's energy. A live feed of the system output is available at: <http://www.freshandeasy.com/greenBuilding.aspx>

10-8-08 Aerowatt Solar Projects

For coverage of Aerowatt's solar power projects, see the press at:
<http://www.capital.fr/actualite/Default.asp?source=AN&numero=26210&Cat=COM&numpage=1> or
<http://tinyurl.com/4jvzgd>
http://www.boursorama.com/infos/actualites/detail_actu_societes.phtml?&news=5948631 or
<http://tinyurl.com/3us78p>
Aerowatt: <http://www.aerowatt.com/content/blogcategory/19/39/lang/en/>
http://www.aerowatt.com/component/option.com_actusnews/Itemid.124/lang.en/ or
<http://tinyurl.com/3msbw5>

10-8-08 More on Constellation Wines U.S. 1-MW PV System

Constellation Wines U.S. announced that it has begun installation of a 1-MW solar system at its Gonzales Winery in Monterey County, California. Details and photos at: <http://tinyurl.com/3wwhvz>
<http://www.greenbiz.com/news/2008/10/08/att-constellation-wines-gap-host-solar> or
<http://tinyurl.com/3v9fdu> and
<http://tinyurl.com/4xrugo>
Pacific Power Management: <http://www.pacpower.biz/>
Mitsubishi Electric: <http://www.mitsubishielectricsolar.com/>

10-8-08 SOLAR TODAY Magazine, Digital Edition [Brooke Simmons]

The digital version of SOLAR TODAY is an additional benefit of ASES membership. For a limited time, ASES is offering free digital access to non-members. The most recent digital edition is available at: <http://www.solartoday-digital.org/solartoday/getstarted/>
ASES: <http://www.ases.org/>

10-8-08 Solar in Italy

See the story "Italy facing solar power rush, but hurdles remain" at Reuters:
<http://www.reuters.com/article/rbssIndustryMaterialsUtilitiesNews/idUSLM71143120081007> or
<http://tinyurl.com/4oaknk>

10-8-08 Cleantech in India

See the story "India aims for \$4B in cleantech cash by 2015" at Cleantech(R):
<http://www.cleantech.com/news/3653/india-seeks-4b-cleantech-investors-2015> or <http://tinyurl.com/3ub9np>

10-8-08 Solar Summits Freiburg, Silicon Materials for Photovoltaics [Karin Schneider]

An international trade congress on Silicon Materials for Photovoltaics is taking place 22-24 October in Freiburg, Germany. It is the kick-off event in the congress series entitled "Solar Summits Freiburg". Information at: <http://www.solarsummits.de/>

10-8-08 Thin Film Solar Summit 2008 [Pete Carkeek]

The Thin Film Solar Summit is set for 2-3 December in San Francisco, California. Information at: <http://www.thinfilmtoday.com/us/>

Registration prices, including early bird: <https://secure.firstconf.com/thinfilmtoday/us/register.htm>

10-8-08 Investing in Solar Conference

The 3rd Annual Investing in Solar conference is set for 20-21 October in Phoenix Arizona. Information at: <http://www.frallc.com/conference.aspx?ccode=b657>

10-8-08 Colorado's New Energy Economy

The conference "Colorado's New Energy Economy: The Path Forward – A Local Focus" is set for 14 October in Denver, Colorado. Information at: <http://www.energyoutreach.org/conf/index.htm>

10-8-08 Nanotech Conference & Expo 2009

The Nanotech Conference & Expo 2009, which includes Photovoltaics, is set for 3-7 May in Houston Texas. Information at: http://www.nsti.org/Nanotech2009/program/energy_environment.html or <http://tinyurl.com/4xb7vg>

10-8-08 Taiwan International PV Forum and Exhibition

The 2008 Taiwan International Photovoltaic Forum and Exhibition opened in Taipei. Press at: <http://www.taipetimes.com/News/biz/archives/2008/10/08/2003425306> or <http://tinyurl.com/3vyg4e>
<http://www.centredaily.com/business/story/884116.html>
Forum and Exhibition: <http://www.pvtaiwan.com/>

In related solar news...

10-8-08 Solar for the US Army

See the story "US Army gets eco-conscious, preps mega solar plant", with mention of a proposed 500 MW solar thermal plant at Fort Irwin, California, at:

http://www.theregister.co.uk/2008/10/07/us_army_energy_savings_program/ or <http://tinyurl.com/42qz4f>

Additional press: http://news.cnet.com/8301-11128_3-10060244-54.html?part=rss&subj=news&tag=2547-1_3-0-20 or <http://tinyurl.com/4yemvt>

10-8-08 Pilot Solar Thermal Power Plant, Qatar

TCE Consulting Engineers are looking to build a solar thermal power plant as a demonstration model before eventually scaling up the blueprint. This follows the company's decision to invest \$12 million over the next five years at the Qatar Science & Technology Park.

Press at: <http://tinyurl.com/4ya6qw>

Qatar Science & Technology Park: <http://www.qstp.org.qa/output/page7.asp>

10-9-08 SCHOTT Solar IPO Update

SCHOTT Solar AG has decided to call off the planned IPO at this time. The decision was prompted by the dramatic deterioration in international capital market conditions in the past days. Press through Solarbuzz

<http://www.solarbuzz.com/News/Corporate.asp>

at NASDAQ: <http://tinyurl.com/4qx9s2> and

Reuters: <http://tinyurl.com/4lhboo>

SCHOTT: <http://www.schott.com/solar/english/>

10-9-08 SCHOTT Solar New PV Module for U.S. Market

SCHOTT Solar announced it is unveiling a new 225-watt polycrystalline PV module at the Solar Power International conference in San Diego, California. The new product will be manufactured at the company's North American solar manufacturing facility currently under construction in Albuquerque, New Mexico.

Press at: <http://www.us.schott.com/english/news/archive.html?NID=264>

10-9-08 Solectria Renewables Inverters for PV Systems, South Korea

Solectria Renewables has completed the delivery of more than 5 MW of 95-kW three-phase grid-tied inverters for multiple PV systems in South Korea designed and installed by Hyundai Heavy Industries and Jarada Co. Ltd. Stories at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/partner/story?id=53795> and

Solarbuzz: <http://www.solarbuzz.com/News/NewsASPR202.htm>

Solectria Renewables: <http://www.solren.com/>

Hyundai: http://english.hhi.co.kr/business/index_02.asp

10-9-08 Day4 Energy PV System, Mexico City

Day4 Energy Inc. announced the completion of a 56-kW installation designed and installed by partner Arian Solar using Day4 modules for L'Oreal Group's Mexico City warehouse.

Press at: http://biz.yahoo.com/cnw/081009/day4_arian_solar.html?.v=1

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

Arian Solar: <http://www.arian.com.mx/solar/solar.htm>

10-9-08 Asola – Majdaline Holding Joint Venture in Morocco

Quantum Fuel Systems Technologies Worldwide, Inc. announced that its German PV partner Asola has signed an exclusive agreement to establish a joint venture in Morocco. Asola and the Moroccan partner Majdaline Holding will implement a solar module manufacturing facility in Casablanca with an initial capacity of 30 MW. Press at:

<http://biz.yahoo.com/prnews/081009/lath046.html?.v=101>

<http://www.cleantech.com/news/3668/asola-set-solar-factory-morocco> or <http://tinyurl.com/3w4tq7>

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

10-9-08 DelSolar Factory, Taiwan

DelSolar held a groundbreaking ceremony for the construction of its new factory in northern Taiwan.

Production capacity at the factory is planned to gradually increase to 720 MWp in 2012, bringing Del

Solar's total capacity to 840 MWp. Press at DigiTimes:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD00000000000000000000000007466&query=SOLAR> or <http://tinyurl.com/49mhju>

DelSolar: <http://www.delsolarpv.com/>

10-9-08 More on DayStar Technologies Update

See coverage of DayStar Technologies' update at Cleantech(R):

<http://www.cleantech.com/news/3667/daystar-looks-expand-thin-film-fab> or <http://tinyurl.com/4znfgp>

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

10-9-08 Optics for Solar Power Generators

See the story "New Optics For Improved Solar Power Generators" at Science Daily referencing the DARPA Very High Efficiency Solar Cell program, at:

<http://www.sciencedaily.com/releases/2008/10/081008203442.htm>

<http://www.frontiersinoptics.com/About/default.aspx>

10-9-08 PHOTON's US Conference Series

PHOTON is presenting a 3-day conference series in San Francisco on 2-4 December. The series includes PHOTON's 1st PV Start-up Conference, PHOTON's 1st Solar Thin-Film Conference, and PHOTON's TECAF Conference. See PHOTON Events: <http://www.photon-magazine.com/events/events.aspx> (see dates)

http://www.photon-expo.com/en/usa_2008/pricelist_en.pdf

10-9-08 Conference Series on the Clean/Green Technology Industry

The first of a conference series in specific sectors of the clean/green technology industry, "Greentech Innovations: End-to-End Electricity", is set for 17-18 November in New York. Information at:

<http://www.greentechmedia.com/events/live/gi1108/gi.html>

<http://www.greentechmedia.com/events/live/gi1108/gi-speakers.html>

<http://www.greentechmedia.com/events/live/gi1108/gi-agenda.html>

10-9-08 Solar America Board for Codes and Standards Stakeholder Meeting [Larry Sherwood]

The Solar ABCs will hold a Stakeholder Meeting on 17 October, immediately after the conclusion of the Solar Power International conference. Information at: <http://solarabcs.eventbrite.com/>.

Solar ABCs: <http://www.solarabcs.org/>

In related solar news....

10-9-08 Hybrid Solar Thermal Plants

See the article "CSP Special: Achieving around-the-clock renewable energy generation" at CSP Today:

<http://social.csptoday.com/content/csp-special-achieving-around-clock-renewable-energy-generation> or

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