

## NCPV Hotline — Week of April 28-30, 2008

### Weekly News Items

Some of the following news items are available as Adobe Acrobat PDFs. [Download Adobe Reader.](#)

The National Center for Photovoltaics (NCPV), the National Renewable Energy Laboratory's (NREL's) center for PV research maintains an international communications system called the NCPV Hotline. The Hotline increases knowledge and awareness of PV industry and research happenings. Hotline participants receive important news items via email related to PV activities around the world. The contents have been relatively uncensored, because we depend on the good judgment of the contributors to separate fact from rumor.

#### (Links may expire)

Current and archived NCPV Hotline issues <link to [http://www.nrel.gov/pv/news\\_hotline.html](http://www.nrel.gov/pv/news_hotline.html)>

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

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#### 4-28-08 Gamesa Solar Acquisition by First Reserve Corporation

Gamesa Corporacion Tecnologica, S.A. has agreed to sell its Gamesa Solar S.A. unit to private equity firm First Reserve Corporation for 261 million euros. Story at Forbes:

<http://www.forbes.com/markets/feeds/afx/2008/04/28/afx4939480.html> or <http://tinyurl.com/6x4a7l>

See also "Completion of Gamesa Solar and Ener3 Acquisitions Create European Renewable Energy Group with Euro 600 m Capital Investment Plans" at:

<http://biz.yahoo.com/pnews/080428/nym052.html?.v=101>

Additional press: [\[tech.org/market\\\_watch/article/private\\\_equity\\\_firm\\\_creates\\\_600\\\_million\\\_solar\\\_energy\\\_group\]\(http://www.pv-tech.org/market\_watch/article/private\_equity\_firm\_creates\_600\_million\_solar\_energy\_group\) or](http://www.pv-</a></p></div><div data-bbox=)

<http://tinyurl.com/6g6n6n>

Gamesa: <http://www.gamesa.es/es>

First Reserve:

<http://www.firstreserve.com/go.asp?Go=!SiteStation&x=TPLGen&ResType=Folder&ResID=620&TPL=HomePage.htm> or <http://tinyurl.com/4hk56s>

Ener3: <http://www.ener3.com/ENG/home.htm>

#### 4-28-08 SVTC Solar Initiative

SVTC Technologies Inc. has leased more than 85,000-square-feet of space for a new solar-cell development center. The company hired Kurt Laetz to head up the new initiative, which will be called SVTC Solar. Stories at:

<http://www.eetimes.com/news/semi/showArticle.jhtml?articleID=207402343> or

<http://tinyurl.com/5mpcqx> and

[\[tech.org/r\\\_and\\\_d/article/svtc\\\_enters\\\_the\\\_photovoltaic\\\_industry\\\_with\\\_aggressive\\\_rd\\\_partnership\\\_progra\]\(http://www.pv-tech.org/r\_and\_d/article/svtc\_enters\_the\_photovoltaic\_industry\_with\_aggressive\_rd\_partnership\_progra\)](http://www.pv-</a></p></div><div data-bbox=)

or <http://tinyurl.com/6sb77l>

SVTC Technologies: <http://www.svtc.com/>

#### 4-28-08 Global Solar in Dow Building Solutions SAI Project

Global Solar Energy announced that Dow Building Solutions has invited Global Solar to participate in its U.S. DOE Solar America Initiative project to help create innovative building-integrated PV products.

Press at:

[http://www.businesswire.com/portal/site/google/?ndmViewId=news\\_view&newsId=20080428005326&newsLang=en](http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20080428005326&newsLang=en) or <http://tinyurl.com/4zryl9>

Global Solar: <http://www.globalsolar.com/>

Dow Building Solutions: <http://building.dow.com/>

Solar America Initiative:

[http://www.eere.energy.gov/solar/solar\\_america/technology\\_pathway\\_partnerships.html](http://www.eere.energy.gov/solar/solar_america/technology_pathway_partnerships.html) or

<http://tinyurl.com/ndmtq>

#### **4-28-08 Backsheet Shipments**

BioSolar™ announced that the company has shipped its BioBacksheet™ samples to a select group of manufacturers for their evaluation in several regions of the country. More at:

<http://www.marketwire.com/mw/release.do?id=848997>

BioSolar: <http://www.biosolar.com/>

#### **4-28-08 Solar Tech Financiers**

See the story “Here come the solar tech financiers” with coverage of Clean Power Finance and others at CNet News: [http://www.news.com/8301-11128\\_3-9929054-54.html](http://www.news.com/8301-11128_3-9929054-54.html)

Clean Power Finance: <http://www.cleanpowerfinance.com/>

#### **4-28-08 Solar Niche Investment Perspective**

See the story “Investing in Solar Niche Markets” by J. Peter Lynch, Financial Consultant, at

RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/news/ate/story?id=52275>

#### **4-28-08 Solar Energy Plant, Nigeria**

According to this press, an Israeli-Nigerian firm has finalized plans to build a \$10 million solar energy plant in Nigeria. Press at: <http://allafrica.com/stories/200804280900.html>

#### **4-28-08 Goldstone Infratech JV for Solar Panel Manufacturing, India**

Goldstone Infratech Ltd. announced a joint venture to set up a solar panel manufacturing facility with an initial capacity of 52 MW in Hyderabad. Story at:

<http://in.reuters.com/article/domesticNews/idINBMB00154820080428>

#### **4-28-08 Hong Kong Tax Cuts for Environment-Friendly Facilities**

According to this press, Hong Kong will soon introduce tax cuts for environment-friendly machinery and installations, including PV installations, per the Hong Kong Special Administrative Region government.

Press at: <http://au.biz.yahoo.com/080428/17/1pu0s.html>

#### **4-28-08 Solar in Maryland**

Maryland Governor Martin O'Malley signed into law several bills aimed at lowering the cost of solar energy systems for Maryland homeowners. Press at: [http://www.examiner.com/a-1361018~Law\\_increases\\_Maryland\\_grants\\_for\\_residential\\_solar\\_power\\_systems.html?cid=rss-Baltimore](http://www.examiner.com/a-1361018~Law_increases_Maryland_grants_for_residential_solar_power_systems.html?cid=rss-Baltimore)

or <http://tinyurl.com/3p986t>

O'Malley Press: <http://www.gov.state.md.us/pressreleases/080424.asp>

#### **4-28-08 Trinity Solar PV Installations in New Jersey**

According to data provided by New Jersey's Clean Energy Program, Trinity Solar is the largest installer of solar power systems in New Jersey. Press at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/partner/story?id=52298>

Trinity Solar: <http://www.trinitysolarsystems.com/>

#### **4-28-08 Xantrex Technology Order**

Xantrex Technology Inc. announced it received an order for its 5-kW single-phase grid-tie solar inverters valued at more than US\$1.5 million from Anbelo Solar S.L. The inverters will be installed at two sites in the Albacete, Spain region. Story at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/news/story?id=52299>

Anbelo Solar: <http://www.abelosolar.com/>

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

#### **4-28-08 University of Louisiana at Lafayette Solar Decathlon Home**

ULL is set to participate in the US DOE's Solar Decathlon 2009. Said Geoff Gjertson, ULL architecture professor and team coordinator, the team is focusing on three standards: regional architecture styles, self-sustaining solar capabilities, and affordable marketing of the home to average-income Louisiana families. Story at: <http://www.theadvocate.com/news/18235049.html>

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

<http://www.solardecathlon.org/teams.html>

#### **4-28-08 PV Velocity Forum**

The PV Velocity Forum, set for 15-16 May at the 33<sup>rd</sup> IEEE PV Specialists Conference (11-16 May in San Diego, California), is designed to explore methods for driving superior emerging technologies through production and into the market. See the list of confirmed PV Velocity Forum speakers at:

<http://biz.yahoo.com/prnews/080428/aqm054.html?v=43>

PV Velocity Forum: <http://tinyurl.com/4om2az>

PVSC 33: <http://www.33pvsc.org/public/>

#### **4-28-08 ACORE Seminar & Teleconference**

For information on ACORE's 21 May Seminar & Teleconference, "Risk Management, Mitigation, and Technologies: From Insurance, Contracting, to Sophisticated Finance" go to:

<http://www.acore.org/renewableenergyinfo/>

#### **4-28-08 Solar Polysilicon Industry Report**

Research and Markets announced the addition of Solar Polysilicon Industry Report, 2007-2008 to their offering. Press at: <http://tinyurl.com/5dfvc4>

Research and Markets: <http://www.researchandmarkets.com/reports/c90044>

#### **4-28-08 Chinese Cell and Panel Manufacturers Market Survey, Report**

Research and Markets announced the addition of Chinese Cell and Panel Manufacturers Market Survey 2007 to their offering. Press at: <http://au.biz.yahoo.com/080428/43/1puk6.html>

Research and Markets: <http://www.researchandmarkets.com/reports/c90218>

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

#### **4-28-08 Q&A with Idealab CEO**

See the Q&A with Idealab CEO Bill Gross with coverage the eSolar deal at Greentech Media:

<http://www.greentechmedia.com/articles/bill-gross-puts-a-shine-on-solar-833.html> or

<http://tinyurl.com/6y3s28>

eSolar: <http://www.esolar.com/>

Idealab: <http://www.idealab.com/>

[http://www.idealab.com/about\\_idealab/management.html](http://www.idealab.com/about_idealab/management.html)

#### **4-28-08 CSP Perspective**

See the story "The Other Solar Energy" featuring Ausra at Cleantechblog:

<http://www.cleantechblog.com/2008/04/other-solar-energy.html>

Ausra: <http://www.ausra.com/>

#### **4-29-08 SolarWorld First Quarter 2008**

SolarWorld AG significantly expanded its national and international solar business in the first quarter of 2008. Stories at Solarbuzz: <http://www.solarbuzz.com/News/NewsEU539.htm> and

Reuters:

<http://www.reuters.com/article/rbssTechMediaTelecomNews/idUSL2870041520080429?rpc=401&> or

<http://tinyurl.com/6q52jm>

SolarWorld: <http://www.solarworld.de/>

<http://www.solarworld.de/?L=1>

#### **4-29-08 3S Swiss Solar Systems Results**

3S Swiss Solar Systems confirmed their provisional record results for the 2007 financial year. Press at

3S: <http://www.3-s.ch/en/investor-relations/ad-hoc/3s-swiss-solar-systems-confirms-record-results.html> or

<http://tinyurl.com/5pwm2q>

#### **4-29-08 SunRay Partnership with Denham Capital Management**

SunRay Renewable Energy has formed a strategic partnership with Denham Capital Management LP to develop a sizeable portfolio of solar energy projects including solar parks and rooftop installations. The partnership is committed to developing more than 300 MW of solar power throughout Europe and the Mediterranean over the next 4 years. Story at Solarbuzz:

<http://www.solarbuzz.com/News/NewsEUCO538.htm>

SunRay Renewable Energy: <http://www.sunrayrenewable.com/>

Denham Capital Management: <http://www.denhamcapital.com/>

#### **4-29-08 Day4 Energy Modules in NEDO Project**

Day4 Energy Inc. announced that it has supplied Day4 48MC solar modules to Tokyo-based Mitsui & Co., Ltd. for an installation sponsored by the Japanese Government's New Energy and Industrial Technology Development Organization. The NEDO project included the Day4 modules among 26 of the solar industry's leading modules in its evaluation of the positive and stabilizing impact that large-scale PV systems can have on the regional utility grid. The NEDO project will be executed in phases with the entire approximately 2-MW system expected to be operational in mid-2009. Story at:

<http://www.earthtimes.org/articles/show/day4-energy-selected-for-japanese-study-of-large-scale-solar-power-projects.370665.shtml> or <http://tinyurl.com/3vrwf4>

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

Mitsui: <http://www.mitsui.com/index.shtml>

NEDO: <http://www.nedo.go.jp/english/index.html>

#### **4-29-08 More on IBERDROLA PV System Near Seville, Spain**

IBERDROLA Ingeniería has won a €15 million contract to build a 2.3 MW solar PV energy plant in Écija in the Spanish province of Seville. Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsEUPR468.htm>

IBERDROLA press: <http://www.iberinco.com/ibding/noticias.do?op=det&id=25>

#### **4-29-08 SUNRGI Plans**

A Silicon Valley startup says it has developed technology that can deliver solar power in about a year at prices competitive with coal-fired electricity. See information on SUNRGI's CPV system – Xtreme Concentrated Photovoltaics™ – XCPV™ – at USA Today:

[http://www.usatoday.com/tech/science/environment/2008-04-28-solar-power-sunrgi\\_N.htm](http://www.usatoday.com/tech/science/environment/2008-04-28-solar-power-sunrgi_N.htm) or

<http://tinyurl.com/4rfkmo> and

VentureBeat: <http://venturebeat.com/2008/04/29/sunrgi-claims-bargain-basement-power-prices-from-new-solar-concentrator-design/> or <http://tinyurl.com/4wwwmm> and

<http://biz.yahoo.com/bw/080429/20080429005132.html?.v=1> or <http://tinyurl.com/69e6kp>

SUNRGI: <http://www.sunrgi.com/>

#### **4-29-08 e5 Clean Energy CEO**

e5 Clean Energy announced the appointment of Ronald Means as CEO. Means announced a new strategic plan to aggressively expand the firm's integrated solar solutions into a variety of commercial markets, including industrial, manufacturing, distribution, agricultural and waste industries. Press at:

<http://www.newspress.com/Top/Article/article.jsp?Section=BUSINESS&ID=565287880484126809> or

<http://tinyurl.com/5qqh33>

e5 Clean Energy: <http://e5cleanenergy.com/>

#### **4-29-08 Cleantech America Green Energy Jobs Award**

The City of Mendota and Cleantech America, Inc. have earned an award from the California Association for Local Economic Development for creating green energy jobs through CalRENEW-1, a 5-MW utility-scale PV solar farm to be located in Mendota. Press from Cleantech America, Inc. at

RenwableEnergyWorld: <http://www.renewableenergyworld.com/rea/partner/story?id=52308&src=rss> or

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

Cleantech America: <http://www.cleantechamerica.com/>

CALED: <http://www.caled.org/>

#### **4-29-08 PV-powered Electric Vehicle Research**

Researchers at the Southern New Hampshire University are working on a system of grid-tied electric vehicles combined with a PV charging system and smart computer control. More at:

<http://www.newkerala.com/one.php?action=fullnews&id=53729>

#### **4-29-08 Thin-film Technology**

See the story "Solar Power Lightens Up with Thin-Film Technology" at Scientific American:

<http://www.sciam.com/article.cfm?id=solar-power-lightens-up-with-thin-film-cells> or

<http://tinyurl.com/6y6v3y>

#### **4-29-08 SolarCraft PV System for Center, California**

SolarCraft completed the design and installation of a 31-kW solar electric system for Scottish Rite Masonic Center in Santa Rosa. SolarCraft installed the OnEnergy™ system by Sharp. Story at RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/partner/story?id=52312>

SolarCraft: <http://www.solarcraft.com/>

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

#### **4-29-08 More on Global Solar in Dow SAI Project**

Global Solar Energy said it will work with Dow Building Solutions to develop a flexible solar-electric roof shingle. The project is part of the U.S. DOE's Solar America Initiative. Story at:

<http://www.azstarnet.com/sn/business/236470.php>

Global Solar Energy: <http://www.globalsolar.com/>

Dow Building Solutions: <http://www.dow.com/styrofoam/>

Solar America Initiative:

[http://www.eere.energy.gov/solar/solar\\_america/technology\\_pathway\\_partnerships.html](http://www.eere.energy.gov/solar/solar_america/technology_pathway_partnerships.html) or

<http://tinyurl.com/ndmtq>

Earlier press: <http://tinyurl.com/4ftmoz>

#### **4-29-08 New Manufacturing Process, CrystalClear Project**

Within the framework of CrystalClear, a new manufacturing process has been developed that allows modules to be made using very thin solar cells. See the article by Wim Sinke, Coordinator of the CrystalClear project, at Renewable Energy World Magazine:

<http://www.renewableenergyworld.com/rea/news/reworld/story?id=52032> or <http://tinyurl.com/63b8z2>

CrystalClear: <http://www.ipcrystalclear.info/default.aspx>

Additional articles in Renewable Energy World Magazine:

<http://www.renewableenergyworld.com/rea/magazine/reworld?magazine.volumeNumber=11&magazine.issueNumber=2> or <http://tinyurl.com/5u7olp>

#### **4-29-08 Solar Power Industries Software from ALGOR**

Solar Power Industries Inc. uses finite element analysis software from ALGOR inc. as a tool for developing faster, more efficient and less expensive ways to manufacture solar cells. See more on SPI and ALGOR in the story at: <http://www.time-compression.com/x/guideArchiveArticle.html?id=10302>

Solar Power Industries: <http://www.solarpowerindustries.com/>

ALGOR: <http://www.algor.com/>

#### **4-29-08 Water Vapor Barrier**

According to this press, a team of scientists from Singapore's Institute of Materials Research and Engineering has developed a new, patented film that has the highest reported water vapor barrier performance to date as tested by the UK Centre for Process Innovation. Story at ScienceDaily:

<http://www.sciencedaily.com/releases/2008/04/080429075325.htm>

#### **4-29-08 GES Inc. Financing**

GES Inc. announced it has received the first of a dual-round of financing led by IDG Ventures Vietnam. The financing is targeted for expansion of its global customer base and operational assets, including clean-room equipped facilities in Vietnam. See "IDG Ventures Vietnam Leads Investment in GES Inc. – A Global Semiconductor, FPD, and Solar Cell Equipment Service Company" at:

[http://www.prnewswire.com/cgi-bin/stories.pl?ACCT=ind\\_focus\\_story&STORY=/www/story/04-29-2008/0004802274&EDATE=TUE+Apr+29+2008,+09:00+AM](http://www.prnewswire.com/cgi-bin/stories.pl?ACCT=ind_focus_story&STORY=/www/story/04-29-2008/0004802274&EDATE=TUE+Apr+29+2008,+09:00+AM) or <http://tinyurl.com/4lzk6b>

GES: <http://www.geservs.com/index.html>

#### **4-29-08 Greentech Media's Funding Roundup**

See Greentech Media's "Funding Roundup: Solar, Transportation and Wind" covering Xunlight, Infinia, SolarOne® and others at: <http://www.greentechmedia.com/articles/funding-roundup-solar-transportation-and-wind-840.html> or <http://tinyurl.com/3efzka>

Xunlight: <http://www.xunlight.com/index.html>

Infinia: <http://www.infiniacorp.com/main.php>

SolarOne®:

<http://www.solarone.net/news/press.cfm?ID=7640D0CD%2D1EC9%2D2D89%2D378D1FB8AF39FDBA&test> or <http://tinyurl.com/6p9u55>

#### **4-29-08 Solar Energy Investment**

See the story "Investment Interest In Solar Energy Lights Up" at Daily Tech:

<http://www.dailytech.com/article.aspx?newsid=11615>

#### **4-29-08 NanoMarkets Organic PV Market Report**

NanoMarkets has released the first chapter from its soon-to-be released report on the organic PV market.

Press at RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/partner/story?id=52322>

NanoMarkets: [http://www.nanomarkets.net/products/prod\\_detail.cfm?prod=9&id=253](http://www.nanomarkets.net/products/prod_detail.cfm?prod=9&id=253) or

<http://tinyurl.com/3to7zy>

#### **4-29-08 GoSolarCalifornia Website**

The California Energy Commission re-launched the GoSolarCalifornia website, an online resource to help residents learn more about the benefits of new solar and energy efficient homes. The site is also a resource for homebuilders interested in developing new solar home communities. Press at:

[http://www.energy.ca.gov/releases/2008\\_releases/2008-04-21\\_gsc\\_website.html](http://www.energy.ca.gov/releases/2008_releases/2008-04-21_gsc_website.html) or

<http://tinyurl.com/6d5h9u>

GoSolarCalifornia: <http://www.gosolarcalifornia.org/>

#### **4-29-08 Cornell University Solar Decathlon Home**

SmartLabs, Inc. announced that Cornell University has chosen INSTEON® home automation technology as an integral piece of its Solar Decathlon home. Press at:

[http://www.businesswire.com/portal/site/google/?ndmViewId=news\\_view&newsId=20080429005659&newsLang=en](http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20080429005659&newsLang=en) or <http://tinyurl.com/6jw5nr>

Cornell University Solar Decathlon: <http://cusd.cornell.edu/cusd/web/index.php>

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

INSTEON: <http://www.INSTEON.net/>

SmartLabs: <http://www.smartlabsinc.com/>

#### **4-29-08 Renewables RFPs**

A number of new renewables RFPs are posted at The Green Power Network at:

<http://www.eere.energy.gov/greenpower/financial/>

#### **4-29-08 Solar Innovations & Investment**

For more on Solar Innovations & Investment set for 21-23 May 2008 in London, England, visit:

<http://greenpower.msgfocus.com/q/11bnoP7Ik7YT/wv>

#### **4-29-08 Dealer/Installer Training Events at SOLAR 2008**

For Dealer/Installer training events at SOLAR 2008, see:

<http://www.ases.org/solar2008/training/trainings.htm>. SOLAR 2008 is set for 3-8 May in San Diego, California. More information at: <http://www.ases.org/solar2008/index.htm>

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

##### **4-29-08 SkyFuel Funding**

SkyFuel has raised a \$17 million second round of funding. Stories at VentureBeat:

<http://venturebeat.com/2008/04/29/skyfuel-raises-17m-for-solar-thermal-mirrors/> or

<http://tinyurl.com/5qjrr8> and

earth2tech: <http://earth2tech.com/2008/04/29/solar-thermal-startup-skyfuel-scores-17m/> or

<http://tinyurl.com/64hxc9>

SkyFuel: <http://www.skyfuel.com/>

##### **4-29-08 Linamar Letter of Intent with Stirling Energy Systems**

Linamar Corporation announced the signing of a Letter of Intent with Stirling Energy Systems to develop and produce Power Conversion Units for use with SES's Sun Catcher solar dish system. Press at:

<http://www.marketwire.com/mw/release.do?id=849223&sourceType=3> or <http://tinyurl.com/6gkme2>

Linamar: <http://www.linamar.com/default.aspx>

SES: <http://www.stirlingenergy.com/>

##### **4-30-08 First Solar Results**

First Solar, Inc. announced its financial results for the 1<sup>st</sup> quarter ended 29 March 2008. Press from First Solar: <http://investor.firstsolar.com/releasedetail.cfm?ReleaseID=307346>

##### **4-30-08 SonnenEnergy Corp. Results**

SonnenEnergy Corp. announced its fiscal 2007 year end and 4<sup>th</sup> quarter results.

Press at: [http://biz.yahoo.com/cnw/080429/sonnenenergy\\_q4reslts.html?.v=1](http://biz.yahoo.com/cnw/080429/sonnenenergy_q4reslts.html?.v=1)

SonnenEnergy: <http://www.sonnenenergy.com/>

##### **4-30-08 Solar Field at Navy Yard, Philadelphia, Pennsylvania**

The city of Philadelphia announced that a 6,000- to 8,000-panel solar field on a 7-acre brownfield site at the Navy Yard will be developed and owned by EPURON LLC. Exelon Generation Corp. has entered into a 20-year agreement to purchase the electricity generated from the Exelon-EPURON Solar Center at the Navy Yard. Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR1072.htm>

EPURON: <http://www.epuron.com/>

Department of Environmental Protection, Secretary McGinty Press:

<http://www.ahs.dep.state.pa.us/newsreleases/default.asp?ID=5033&varQueryType=Detail> or

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

Additional press:

<http://money.cnn.com/news/newsfeeds/articles/apwire/12191af4fd796fb7c97e3a9c4c8fec83.htm> or

<http://tinyurl.com/46wvhm>

[http://www.philly.com/philly/business/breaking/20080429\\_Solar\\_plant\\_to\\_go\\_up\\_at\\_Philadelphia\\_Navy\\_Yard.html](http://www.philly.com/philly/business/breaking/20080429_Solar_plant_to_go_up_at_Philadelphia_Navy_Yard.html) or

<http://tinyurl.com/3l8gww>

[http://www.bizjournals.com/philadelphia/stories/2008/04/28/daily17.html?ana=from\\_rss](http://www.bizjournals.com/philadelphia/stories/2008/04/28/daily17.html?ana=from_rss) or

<http://tinyurl.com/4fmy8u>

##### **4-30-08 Sputnik Engineering – Nord Distribution Solaire PV Project, France**

Swiss inverter manufacturer Sputnik Engineering AG, along with Nord Distribution Solaire, has inaugurated a 54-kW PV system built on a farm in Elincourt, around 200 km north of Paris. Story and photo at Solarbuzz: <http://www.solarbuzz.com/News/NewsEUPR470.htm>

Sputnik Engineering AG / SolarMax®: <http://www.solarmax.com/>

Nord Distribution Solaire: <http://www.nord-distribution-solaire.com/>

#### **4-30-08 Centrotherm Photovoltaics Solar Chip Manufacturing Unit, India**

Centrotherm Photovoltaics AG will set up a solar chip manufacturing unit in Haldia at an investment of Rs 4,000 crore in a venture that will also include Srei, Environ Energy Deck Services and US-based Perseus. Story at: <http://www.financialexpress.com/news/German-co-to-set-up-solar-chip-unit-in-Haldia/303499/> or <http://tinyurl.com/47kujw>  
Centrotherm: <http://www.centrotherm.de/10.index.html>

#### **4-30-08 CDI Integration and Engineering Services for Silfab**

CDI Corp. announced that its CDI Engineering Solutions business unit has been selected by Silfab S.p.A. to provide technology integration and engineering services for Silfab's solar-grade polysilicon manufacturing project to be built in Borgofranco d'Ivrea, Italy.  
Press at: <http://biz.yahoo.com/prnews/080430/new061.html?v=49>  
CDI: <http://www.cdicorp.com/>  
Silfab: <http://www.silfab.eu/en/>

#### **4-30-08 PVA TePla Crystal Growing Systems Order**

PVA TePla AG said it has received its largest single order for crystal growing systems in the company's history, valued at €76 million. The order is from ASi Industries GmbH, a wholly owned subsidiary of ersol Solar Energy AG. Press at PVTech: [http://www.pv-tech.org/materials/article/pva\\_templa\\_receives\\_major\\_crystal\\_growing\\_systems\\_order](http://www.pv-tech.org/materials/article/pva_templa_receives_major_crystal_growing_systems_order) or <http://tinyurl.com/5d2wccg>  
PVA TePla: [http://www.pvatepla.com/englisch\\_site/index.htm](http://www.pvatepla.com/englisch_site/index.htm)

#### **4-30-08 More on SUNRGI**

For more on the start-up SUNRGI, see "Sunrgi Keeps Solar Cool" at Greentech Media: <http://www.greentechmedia.com/articles/sunrgi-keeps-solar-cool-841.html> or <http://tinyurl.com/6pbgou> and coverage at RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/news/story?id=52335>  
SUNRGI: <http://www.sunrgi.com/>

#### **4-30-08 More on e5 Clean Energy's Solar Solutions**

Said Ronald Means, CEO of e5 Clean Energy, "The capital costs required to purchase, install and maintain solar energy systems created a strong barrier for most businesses. e5 Clean Energy's Solar Solutions provide our customers with the infrastructure at no cost and deliver reliable, clean solar power at a competitive and predictable price. The only thing we require of our customers is that they purchase the solar power our systems are generating." See more on e5 Clean Energy's grid-tied on-site solar solutions approach in the press at: <http://www.marketwire.com/mw/release.do?id=850062>  
e5 Clean Energy: <http://e5cleanenergy.com/>

#### **4-30-08 Miasolé Decision on DOE Project, Direction**

See the story at Greentech Media on Miasolé's decision on company directions at: <http://www.greentechmedia.com/articles/miasol-drops-out-of-doe-program-852.html> or <http://tinyurl.com/56vel3>  
Miasolé: <http://www.miasole.com/>  
Greentech Media, Solar: <http://www.greentechmedia.com/categories/category-solar.html> or <http://tinyurl.com/2g99ns>  
Solar America Initiative: [http://www.eere.energy.gov/solar/solar\\_america/technology\\_pathway\\_partnerships.html](http://www.eere.energy.gov/solar/solar_america/technology_pathway_partnerships.html) or <http://tinyurl.com/ndmtq>

#### **4-30-08 SPX Corp. Increasing Capacity**

SPX Corp. is stepping up its capacity to make equipment used to grow silicon crystals. Said Chief Executive Chris Kearney, SPX expects to sell about \$100 million worth of equipment used to grow silicon crystals for PV cells in 2008, and its backlog has grown about \$40 million so far this year. Press at: <http://uk.reuters.com/article/oilRpt/idUKN3030657620080430>  
SPX Corp.: <http://www.spx.com/>



#### **4-30-08 Clear Skies Solar Monitoring System**

Clear Skies Solar, Inc. announced the successful completion of field testing on its patented XTRAX® Solar Energy Monitoring System. Press at:

[http://www.businesswire.com/portal/site/google/?ndmViewId=news\\_view&newsId=20080430005365&newsLang=en](http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20080430005365&newsLang=en) or <http://tinyurl.com/6rge98>

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

#### **4-30-08 Solectria Renewables Inverters for Brewery, California**

Solectria Renewables announced the installation of over 1.2 MW of its premium inverters at Sierra Nevada Brewing Co. in Chico, California. DC Power Systems, Inc. purchased the inverters from Solectria Renewables for use by Chico Electric, who installed the PV system. Story at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/partner/story?id=52342>

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

DC Power Systems: <http://www.dcpower-systems.com/>

Chico Electric: <http://www.chicoelectric.com/Alternative/solar.asp>

#### **4-30-08 ICP Solar Technologies at Walmart.com**

ICP Solar Technologies Inc. announced that Wal-Mart Stores, Inc. will now carry the complete line of Coleman® solar chargers on Walmart.com. Story at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/partner/story?id=52343>

ICP Solar: <http://www.icpsolar.com/>

#### **4-30-08 More on Maryland Clean Energy Bills [EERE Network News, Kevin Eber]**

Maryland Governor Martin O'Malley signed a package of energy bills that will set new renewable energy requirements for the state, institute utility energy efficiency programs, and offer new funding and incentives for clean energy. See more at EERE Network News:

[http://www.eere.energy.gov/news/enn.cfm#id\\_11746](http://www.eere.energy.gov/news/enn.cfm#id_11746)

See also "Md. Lawmakers Honored by National Solar Energy Group", at:

[http://www.abc2news.com/news/local/story.aspx?content\\_id=26831fcd-e488-4c24-be3a-494815f504f2&rss=702](http://www.abc2news.com/news/local/story.aspx?content_id=26831fcd-e488-4c24-be3a-494815f504f2&rss=702) or <http://tinyurl.com/5mhty6>

#### **4-30-08 CTSI Headquarters, Texas**

Clean Technology and Sustainable Industries Organization announced that it will be creating a new branch in Austin, Texas and designating it as the new global headquarters. CTSI also announced Austin Energy and Applied Materials as local, founding members of the organization. Story at:

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

CTSI: <http://www.ct-si.org/>

CTSI Clean Technology 2008: <http://www.csievents.org/>

#### **4-30-08 PV Investments in Germany**

By 2010, revenues from production of PV products will have nearly doubled in Germany and investment volumes will have increased by 67%. See "Photon Expo 2008: Germany's PV Industry Securing its Position as World Leader" through SolarPlaza <http://www.solarplaza.com/content/news.php> at:

[http://www.presseportal.de/pm/55240/1182272/invest\\_in\\_germany](http://www.presseportal.de/pm/55240/1182272/invest_in_germany)

#### **4-30-08 PVSC 33 Pre-registration [Tim Coutts]**

The 33<sup>rd</sup> IEEE Photovoltaic Specialists Conference, 11-16 May in San Diego, California, is less than 2 weeks away. To avoid onsite registration lines, pre-register at: <http://tinyurl.com/2ob68s>.

See keynote speakers at: <http://tinyurl.com/5e9ovt> and PV Velocity speakers at: <http://tinyurl.com/ywtcyc>

Additional information: <http://www.33pvsc.org/public/>

#### **4-30-08 Clean Tech Conference**

Merriman Curhan Ford & Co. will host its annual CleanTech Conference on 13 May in New York.

Press at: <http://tinyurl.com/4t36x6>

CleanTech Conference 2008: [http://www.merrimanco.com/home/conferences/index\\_cleartech2008.php](http://www.merrimanco.com/home/conferences/index_cleartech2008.php)

or <http://tinyurl.com/4awxw2>

#### **4-30-08 Renewable Energy Europe**

The Renewable Energy Europe Conference and Exhibition is set for 3-5 June in Milan, Italy. Pre-register now for free entry to the exhibition and other savings at: <http://ree08.events.pennnet.com/fl/home.cfm>

#### **4-30-08 SEI Online PV Course**

Solar Energy International announced its Advanced PV Online Training Course. Information at RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/partner/story?id=52340>  
SEI: <http://www.solarenergy.org/workshops/advpvonline.html>

#### **4-30-08 Indium Gallium Nitride Solar Cell, SBIR Call**

See the topic Indium Gallium Nitride (InGaN) Solar Cell, SB082-052, by searching on "solar cell" at the Defense Advanced Research Projects Agency FY 2008.2 SBIR Proposal Submissions site at: <http://www.acq.osd.mil/osbp/sbir/solicitations/sbir082/darpa082.htm>  
Information on the SBIR/STTR process is available at: <http://www.acq.osd.mil/osbp/sbir/>

#### **4-30-08 PV Advance**

See the story "Researchers claim photovoltaic advance" covering research by scientists at the University of Tel Aviv. The scientists applied genetic engineering and nanotechnology for the construction of a hybrid nano-bio, solid state device. Press at EETimes: [http://www.eetimes.com/rss/showArticle.jhtml?articleID=207403402&cid=RSSfeed\\_eetimes\\_newsRSS](http://www.eetimes.com/rss/showArticle.jhtml?articleID=207403402&cid=RSSfeed_eetimes_newsRSS) or <http://tinyurl.com/3req64>

#### **4-30-08 Solar In Jamaica**

Dr. Paul Jennings, CEO of the Jamaica Dairy Development Board, has submitted his \$2 billion renewable energy plan to the government for consideration. He is proposing that PV be adopted for residential use island-wide, saying it could save the country \$8.1 billion annually. Press at: <http://www.jamaica-gleaner.com/gleaner/20080430/business/business5.html>

#### **4-30-08 Zero-carbon Aircraft**

Hy-Bird, a zero carbon development aircraft, is set to fly around the world and star in a Leonardo DiCaprio film. Erick Herzberger, President of LISA Airplanes, says that Hy-Bird uses only solar energy and hydrogen. More at: <http://www.fuelcellworks.com/Suppage8736.html>  
LISA Airplanes: <http://lisa-airplanes.com/uk/hy-bird/hy-bird.php>

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

##### **4-30-08 Negev Solar Power Station Tender**

According to this press, Solar Millennium AG plans to participate in the \$650-700 million tender to build and operate the Negev solar power station at Ashelim. Press at Globes: <http://www.globes.co.il/serveen/globes/docview.asp?did=1000337655&fid=942> or <http://tinyurl.com/4hcrd7>  
Solar Millennium: <http://www.solarmillennium.com/>

##### **4-30-08 Desert Solar Power for Europe**

See the story "Is Desert Solar Power the Solution to Europe's Energy Crisis?" at: <http://www.spiegel.de/international/world/0,1518,550544,00.html>