

NCPV Hotline — Week of July 9-13, 2007

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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7-9-07 First Solar Long-term Contracts

According to this press, First Solar Inc. has received 5 new long-term contracts valued at approximately \$1.28 billion. Under terms of the deals, the module maker will be responsible for the manufacture and sale of 685 MW of solar modules between 2007 and 2012. More on these contracts at:

http://biz.yahoo.com/ap/070709/first_solar_contracts.html?.v=1

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

Related press:

Renewable energy company Sechillienne-Sidec intends to double its targets for development of solar power capacity and has signed a solar module supply agreement with First Solar totaling 150 MW by 2012. Press at: <http://www.sharewatch.com/story.php?storynumber=453493>

EDF Energies Nouvelles also announced its PV module supply contract with First Solar.

Press at: <http://www.finanznachrichten.de/nachrichten-2007-07/artikel-8564683.asp> or <http://tinyurl.com/22xfng>

See “French solar power sector in spotlight as renewable energy firms expand” at:

<http://www.forbes.com/business/feeds/afx/2007/07/09/afx3894352.html> or <http://tinyurl.com/2f4bus>

7-9-07 JA Solar Manufacturing Expansion

JA Solar Holdings Co., Ltd. announced that it has commenced production on 4 additional solar cell production lines. The 4 new 25 MW per year lines increase JA Solar's manufacturing capacity from 75 MW to 175 MW per year. Press at: <http://au.biz.yahoo.com/070709/21/1b2qs.html>

JA Solar: <http://www.jasolar.com/>

7-9-07 EPURON Power Purchase Agreement for the New Jersey Meadowlands Commission

Conergy subsidiary, EPURON, has been chosen by the New Jersey Meadowlands Commission to exclusively negotiate a power purchase agreement for a 700-kW solar array to be built on the NJMC-owned properties. The ground-mounted installation will be first of a 5-MW PV project that NJMC plans to complete. Story at Solarbuzz: <http://www.solarbuzz.com/news/NewsNAPR829.htm>

EPURON: <http://www.epuron.de/desktopdefault.aspx>

7-9-07 Trina Solar Contracts

Trina Solar Limited announced several contract wins to supply PV modules with an aggregate output of up to 99 MW to key accounts in Europe over the next 2-3 years. Story at:

<http://www.finanznachrichten.de/nachrichten-2007-07/artikel-8569119.asp> or <http://tinyurl.com/234ahm>

7-9-07 Global Solar Energy Folding Solar Module Military Tests and Rating

Global Solar Energy's PV module received the MILSTD-810E certification. The U.S. National Technical Systems Arizona Division subjected the company's P3 Portable Power Pack folding solar module to immersion, vibration, high and low temperature storage and shock, altitude, sand and dust, and transit drop testing. Press at: <http://www.insidegreentech.com/node/1428>

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

http://www.globalsolar.com/index.php?option=com_content&task=view&id=65&Itemid=107 or <http://tinyurl.com/2qg5qf>

7-9-07 PV System at Former Hazardous Waste Landfill, Germany

The Minister for the Environment of the "Land" Bade-Wurtemberg in Germany inaugurated a solar power plant with a total capacity of 600 kWp at the site of a former hazardous waste landfill in Malsch, Germany. The plant has been operating since April 2007 and was planned and installed by Nastro Umwelttechnik GmbH, a subsidiary of Reinecke + Pohl Sun Energy AG.

Press at: http://www.stock-world.de/news/dgapnewsnofeed_493/2332213--

[DGAP News Reinecke Pohl Sun Energy AG english.html](http://www.dgapnews.com/Reinecke_Pohl_Sun_Energy_AG_english.html) or <http://tinyurl.com/2jz4zt>

Reinecke + Pohl: http://www.rpse.de/index_m.php

7-9-07 Jetion Holdings on London's AIM

Chinese solar cell maker Jetion Holdings started trading on London's AIM having successfully raised £30.5 m of new money.

Story through Solarbuzz at: http://www.sharecast.com/cgi-bin/sharecast/story.cgi?story_id=1418984 or <http://tinyurl.com/25avcu>

7-9-07 SolarCity Collective Solar-power Systems, California

SolarCity Corp. wants to recruit at least 40 Rocklin homeowners to collectively buy and install rooftop solar-power systems. The company said it can offer a discount to each customer if enough sign up for the program. See more on this program at:

http://www.bizjournals.com/sacramento/stories/2007/07/09/story11.html?from_rss=1 or

<http://tinyurl.com/24bwbu>

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

7-9-07 SMUD Request for Bids

Through a program called Solar Share, SMUD is seeking bids from businesses that would build, own and operate large solar projects and sell the power exclusively to SMUD under fixed-price, 20-year contracts. SMUD customers would help fund those projects by buying "shares" representing a block of energy produced by the new solar panels.

Story at: http://www.bizjournals.com/sacramento/stories/2007/07/09/story4.html?from_rss=1 or

<http://tinyurl.com/23jerp>

SMUD: <http://www.smud.org/green/solar/index.html>

7-9-07 SolarMarkt Renamed to ThinkSolar

SolarMarkt U.S. has been renamed ThinkSolar. ThinkSolar's manufacturing partners include Tyco, Day4Energy, SolarWorld, SMA, and Kaco.

Story at Solarbuzz: <http://www.solarbuzz.com/news/NewsNACO588.htm>

ThinkSolar: <http://www.solarmarkt.us/html/seiten/startseite.phtml?nav=1?=am> or <http://tinyurl.com/25f6bh>

7-9-07 Ascent Solar Funding, Milestones

According to this press, Ascent Solar Technologies announced that it has received over \$20 million as a result of the conversion of Class A public warrants and that it has achieved significant pre-manufacturing milestones. Press at: <http://www.finanznachrichten.de/nachrichten-2007-07/artikel-8566929.asp> or <http://tinyurl.com/3cyksq>

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

7-9-07 Conergy Agreement with Day4Energy

Conergy has reached an agreement to become a key North American channel partner for Day4Energy's high efficiency solar modules. The agreement guarantees at least 2 MW of modules for calendar year 2007, and considerably more for 2008.

Story at Solarbuzz: <http://www.solarbuzz.com/news/NewsNACO587.htm> and

RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/partner/story?id=49259> or <http://tinyurl.com/yq959p>

Conergy: <http://www.conergy.us/desktopdefault.aspx>

Day4Energy: <http://www.day4energy.com/> http://www.day4energy.com/technology_day4energy.htm

7-9-07 BIPV Applications

See the extensive story "Building Integrated Photovoltaics (BIPV): Solar electric power systems conquer large roofs and facades" at The Solarserver: <http://www.solarserver.de/solarmagazin/index-e.html> or <http://tinyurl.com/2p6v8z>

7-9-07 Solar in Arizona

See the story "Sunny Arizona to dramatically increase use of solar power" at:

<http://www.myfoxphoenix.com/myfox/pages/News/Detail?contentId=3717361&version=1&locale=EN-US&layoutCode=TSTY&pageId=3.2.1> or <http://tinyurl.com/2f27dj>

7-9-07 Renewable Energy Dynamic Data Display

Heliotronics Inc. has launched its PV Live™ initiative that brings up-to-the-second renewable energy data to the general public via the Internet.

Information at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/partner/story?id=49258> or <http://tinyurl.com/yqesmv>

Heliotronics: <http://www.heliotronics.com/>

7-9-07 Renewable Energy Europe

See RenewableEnergyAccess for "Video: Interviews from Renewable Energy Europe", co-located with POWER-GEN Europe in Madrid, Spain, at:

<http://www.renewableenergyaccess.com/rea/news/story?id=49262>

Renewable Energy Europe: <http://ree07.events.pennnet.com/fl/index.cfm>

7-9-07 DOE Solar Energy Technologies Program Newsletter

The first U.S. Department of Energy Solar Energy Technologies Program Newsletter, with coverage of the latest news on the U.S. DOE's Solar America Initiative, program priorities and updates for 2007, funding opportunities and announcements, National Laboratory technology developments, and solar event news, is posted at: <http://www1.eere.energy.gov/solar/> [click on Solar Program Newsletter]

7-9-07 Renewable Energy Storage

ZBB Energy Corporation announced that its subsidiary company, ZBB Technologies, Ltd. has entered into contract with the Australian Federal Government through the Department of the Environment and Water Resources for \$2.6 million over 2 years in project funding under the Advanced Electricity Storage Technologies program. The project will integrate ZBB's advanced zinc-bromine energy storage systems with multiple renewable energy sources. Stories at: <http://au.biz.yahoo.com/070709/43/1b2uf.html> and Inside Greentech: <http://www.insidegreentech.com/node/1430>

ZBB Energy Corporation: <http://www.zbbenergy.com/>

7-9-07 Greentech Media and The Prometheus Institute Webinar on the Thin Film Solar Technology Market

Greentech Media, Inc. will host a one-hour webinar 19 July on their latest report, "The Future of Thin Film Solar". Co-authored with The Prometheus Institute of Sustainable Development, the report provides a comprehensive economic analysis of the thin film solar market to date. More at:

<http://biz.yahoo.com/bw/070709/20070709005415.html?v=1>

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

The Prometheus Institute for Sustainable Development: <http://prometheus.org/>

7-9-07 PV Science and Engineering Conference

The 17th International Photovoltaic Science and Engineering Conference (PVSEC-17) will be held at the Fukuoka International Congress Center in Fukuoka, Japan from 3-7 December. Detailed information on the conference subjects and submission of abstracts are available at the Conference website:

<http://www.pvsec17.jp/>. The abstract deadline is 15 July 2007:

http://www.pvsec17.jp/call_for_papers/index.html

7-9-07 SOLAR 2007

Organized and presented by the American Solar Energy Society and by Green Energy Ohio, SOLAR 2007 kicked off in Cleveland, Ohio, and runs through July 12.

Story at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story?id=49254>
ASES:

<http://www.renewableenergyaccess.com/rea/partner.jsessionid=3D861403F4759B95BB473514ABBD81C3?cid=1334> or <http://tinyurl.com/28c3je>

SOLAR 2007: <http://www.ases.org/solar2007/>

7-9-07 Renewable Resources RFP

See the Florida Municipal Power Agency RFP for renewable resources of 1 MW or greater [registration required] at: <http://fmpa.com/html/news/rfp.html>

The Green Power Network, Financial Opportunities: <http://www.eere.energy.gov/greenpower/financial/>

The Green Power Network: <http://www.eere.energy.gov/greenpower/>

7-9-07 PV Installation Guide

The National Joint Apprenticeship and Training Committee for the Electrical Industry announced the publication of "Photovoltaic Systems" – a guide to the installation of commercial and residential solar systems. See the press at: <http://biz.yahoo.com/prnews/070709/nem099.html?.v=11>

National Joint Apprenticeship and Training Committee: <http://www.njatc.org/>

7-10-07 Yingli Green Energy Agreement with Wacker

Yingli Green Energy has entered into another long-term agreement with Wacker Chemie to supply polysilicon in the period from 2010 through 2018.

Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsASCO117.htm>

Yingli Solar: <http://www.yinglisolar.com/>

Wacker: <http://www.wacker.com/cms/de/home/index.jsp>

7-10-07 Venture Capital for 6N Silicon

6N Silicon Inc., a developer of solar grade silicon purification technology, has secured CDN \$6 million in its first round of venture capital financing. Ventures West and Yaletown Venture Partners led the round.

Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO590.htm>

6N Silicon Inc.: <http://www.6nsilicon.com/>

Ventures West: <http://www.ventureswest.com/>

Yaletown Venture Partners: <http://www.yaletown.com/>

7-10-07 Petrochemical Companies into Polysilicon

See the story "Petrochemical companies jumping into polysilicon production" at DigiTimes:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD00000000000000000000000002283&query=SOLAR> or <http://tinyurl.com/34qstx>

7-10-07 Episil Plans for Solar Sector

According to this press, Episil Technologies will discuss details about its plans for the solar sector during its upcoming director meeting. Press at:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PB00000000000000000000000002906&query=SOLAR> or <http://tinyurl.com/2w7mn4>

Episil: <http://www.episil.com/PageNav.aspx?CatId=20>

7-10-07 Nanosolar Featured

See the story “Solar Power Heats Up with Nanotechnology” featuring an interview with Martin Roscheisen, CEO of Nanosolar, at: http://www.forbes.com/finance/2007/07/09/nanotech-roscheisen-solar-pf-guru-in_jw_0709adviserqa_inl.html?partner=rss or <http://tinyurl.com/2nwgrrm>
Nanosolar: <http://www.nanosolar.com/>

7-10-07 Genesis Energy Contract with Infinite Technologies

Hungarian alternative energy investment firm Genesis Energy has signed a cooperation contract with Germany-based Infinite Technologies AG to support its proposed solar panel plants. Story at: <http://www.interfax.com/5/291669/news.aspx>
Genesis Energy: http://www.genesisenergy.eu/index.php?option=com_content&task=view&id=1&Itemid=2 or <http://tinyurl.com/26mngl>

7-10-07 Swiss Companies in Solar Energy

According to this story, Swiss companies are emerging as leaders in solar energy, driving technological advances and securing a rising share of the fast-growing market, as consumers look to alternative forms of energy to fight climate change. See “Swiss companies shine in solar energy boom” at: <http://asia.news.yahoo.com/070710/3/34kt0.html>

7-10-07 DuPont Plant for Solar, Pennsylvania

According to this press, DuPont Corp. is planning to build a 3-story building at its North Towanda plant that will allow the plant to produce components for solar energy panels. http://www.thedailyreview.com/site/news.cfm?newsid=18567622&BRD=2276&PAG=461&dept_id=465049&rfi=6 or <http://tinyurl.com/35cb6l>

7-10-07 Solar Plant in Colorado

See the story “Solar farm is ahead of schedule” covering the Xcel Energy’s solar plant in Alamosa, Colorado, at: http://www.alamosanews.com/fe_view_article.php?story_id=2431&page_id=72&heading=0 or <http://tinyurl.com/2ssm82>

7-10-07 Solar Decathlon, University of Texas at Austin Entry

More than 25 University of Texas at Austin architecture and engineering students and faculty, plus a number of industry partners, are building “BLOOMhouse”, a sustainable and green-built home that is being planned as the university’s entry in the 2007 Solar Decathlon.
More at: http://www.aer-online.com/e107_plugins/content/content.php?content.654 or <http://tinyurl.com/2tk9m8>
<http://media.www.dailytexanonline.com/media/storage/paper410/news/2007/07/10/TopStories/Gone-Solar-2922292.shtml> or <http://tinyurl.com/2walg9>
Solar Decathlon: <http://www.solardecathlon.org/>
BLOOMhouse: <http://www.ar.utexas.edu/utsolar/>

7-10-07 Renewables in Missouri

Missouri Governor Matt Blunt signed legislation to increase the use of renewable energy in the state. Story at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story?id=49279>

7-10-07 Solar for Ballpark, California

The San Francisco Giants and Pacific Gas and Electric Company announced the completion of the solar energy system installation at AT&T Park. Stories at: <http://news.thomasnet.com/companystory/524079/rss>
http://www.eetimes.com/rss/showArticle.jhtml?articleID=201000336&cid=RSSfeed_eetimes_newsRSS or <http://tinyurl.com/ypgvb6> <http://www.dealerscope.com/story/story.bsp?sid=69128&var=story> or <http://tinyurl.com/2cf9aa>

7-10-07 Solar Sector

See the July 9 story "Sector Glance: Solar Cell Makers Rise" at:

http://biz.yahoo.com/ap/070709/sector_glance_solar_cells.html?v=1 or <http://tinyurl.com/3xz7ge>

7-10-07 EU PVSEC

This September, the European Photovoltaic Solar Energy Conference and Exhibition will take place in Milan, Italy. More and 3,000 attendees from over 75 countries are expected from 3-7 September. Story at: <http://www.glassonweb.com/news/index/6254/>

22nd EU PVSEC: <http://p12611.typo3server.info/2.0.html>

7-10-07 Investing in Renewable Technologies

Research and Markets has added "Investing in Renewable Technologies" to its offering. Information at:

http://www.researchandmarkets.com/product/7e8729/investing_in_renewable_technologies or

<http://tinyurl.com/2dlrfc>

7-11-07 First Solar's Module Manufacturing Plant

First Solar's new solar module manufacturing plant in Frankfurt (Oder) was formally inaugurated by Germany's environment minister Sigmar Gabriel and First Solar's President Bruce Sohn.

Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsEUMA174.htm>

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

7-11-07 Amtech Systems Orders

Amtech Systems, Inc. announced the company has received \$4.4 million in additional new solar orders for diffusion processing systems from the solar cell industry. This is in addition to the \$4.1 million announced 12 June. Press at:

http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news_view&newsId=20070711005489&newsLang=en or <http://tinyurl.com/2vax78>

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

7-11-07 Solaicx Board of Directors

Solaicx announced the appointment of Harry Shimp to the company's board of directors. Mr. Shimp, former president and CEO of BP Solar and current founder and president of Charon Industries, joins the board as Solaicx begins its large production expansion in Portland, Oregon.

Press at: <http://biz.yahoo.com/prnews/070711/aqw057.html?v=19>

Solaicx: <http://www.solaicx.com/>

7-11-07 Ceradyne Acquisition of Minco

Ceradyne Inc. has bought Minco Inc., one of its raw materials suppliers.

Press at: <http://biz.yahoo.com/bizj/070711/1489186.html?v=1>

Ceradyne, Inc.: <http://www.ceradyne.com/>

7-11-07 EDP Expansion

According to this press, Energias de Portugal bought a Houston-based wind company, which it will use to expand its share of the U.S. wind power market and enter other alternative energy markets, like solar, in North America. Press at: <http://www.reuters.com/article/newIssuesNews/idUSN1024955720070710> or <http://tinyurl.com/2w7368>

EDP:

<http://www.edp.pt/EDPI/Internet/EN/Group/AboutEDP/BusinessUnits/RenewableEnergies/Default.htm> or

<http://tinyurl.com/387jyk>

7-11-07 Solar IPOs

See the story "Green Energy submits IPO application; Gintech delays" at DigiTimes:

<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD00000000000000000000000002303&query=SOLAR> or <http://tinyurl.com/2cbsne>

7-11-07 SunSeeker Listing

For information on SunSeeker Energy listing, see the press at:

<http://nz.news.yahoo.com/070711/3/ux2.html>

http://www.nzx.com/market/market_announcements/by_company?id=150582 or <http://tinyurl.com/25kfzu>

<http://www.sunseekerenergy.co.nz/>

7-11-07 Electron Solar Energy Expansion

Electron Solar Energy announced that the company has doubled the size of its Miami facility to accommodate strong order flow from both domestic and international customers.

Press at: <http://biz.yahoo.com/bw/070711/20070711005637.html?.v=1>

Electron Solar Energy: <http://www.electronsolarenergy.com/>

7-11-07 City of Santa Barbara RFQ for Solar Electric System Power Purchase Agreement

The City of Santa Barbara has issued a Request for Qualifications for a solar electric project at the City's Corporation Yard. The City wishes to enter into a Power Purchase Agreement with a qualified firm to design, install, own, maintain, and operate a solar electric system of up to 400 kW, from which the City would purchase power. Story and contact information at Solarbuzz:

<http://www.solarbuzz.com/News/NewsNAPR831.htm>

7-11-07 Santa Clara University Solar Decathlon House

Pacific Gas and Electric Company is supporting Santa Clara University with a \$25,000 contribution to design, construct, and display a fully functional solar powered home for participation in DOE's Solar Decathlon. Story at: <http://www.finanznachrichten.de/nachrichten-2007-07/artikel-8582081.asp> or

<http://tinyurl.com/2nj527>

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

Team website: <http://www.scusolar.org/>

7-11-07 Solar for Affordable Housing, Colorado

Sun Electric Systems is supplying solar PV and thermal systems for a new affordable housing

development in Lafayette, Colorado. Press at: <http://www.prweb.com/releases/2007/7/prweb537831.htm>

Sun Electric Systems: <http://www.sunelectricsystems.com/>

7-11-07 More on SCE Renewable Energy Contracts

Southern California Edison has signed 6 new renewable energy contracts that could provide the utility's customers with up to 480 MW of low-carbon generation. See RenewableEnergyAccess at:

<http://www.renewableenergyaccess.com/rea/news/story;jsessionid=DD0F65B4D6C7CD6F9A2589F38B352F3F?id=49285> or <http://tinyurl.com/ynsfnx>

Edison International: <http://www.edison.com/>

<http://www.sce.com/PowerandEnvironment/renewables/default.html?from=renewablesredirect> or

<http://tinyurl.com/2eqlun>

7-11-07 The Clean Tech Revolution [Clean Edge]

For information on "The Clean Tech Revolution" by Ron Pernick and Clint Wilder, see the web link at:

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

http://www.thecleantechrevolution.com/follow_the_authors.html

7-11-07 Need for Congressional Activity on Solar

See the story "Congress Needs to Take a Shine to Solar" by Travis Bradford at BusinessWeek:

http://www.businessweek.com/technology/content/jul2007/0710_273201.htm?chan=top+news_top+news+index_technology or

<http://tinyurl.com/ywwokd>

7-11-07 REEEP-funded Projects

The Renewable Energy & Energy Efficiency Partnership will fund 35 projects in its 6th round of funding, the largest in its 4-year history. Press at ReFocus: http://www.refocus.net/articles/general/news/070711_cleanprojects.html or <http://tinyurl.com/2nm3sc>

REEEP: <http://www.reeep.org/>

7-11-07 FY 2008 Energy and Water Development Appropriations

The Senate Committee on Appropriations, Energy and Water Appropriations Bill, 2008 Committee report – 110-127, is available and recommends \$180,000,000 for Solar Energy.

In related solar news...

7-11-07 Test Facility for Solar Thermal

A new test facility that aims to cut the cost of large-scale solar thermal energy production has been inaugurated at Almeria in southern Spain. Press at: <http://www.gizmag.com/go/7608/>

7-12-07 MWOE Solar Financing Round [Xunming Deng]

MWOE Solar, Inc. announced that it has received USD 7.0 million in a first institutional financing round. The financing was led by Emerald Technology Ventures and was joined by NGP Energy Technology Partners. Founded as a technology spin-off from The University of Toledo, MWOE Solar develops and produces advanced thin-film silicon PV modules. The financing will allow MWOE Solar to build a pilot production line and prepare for its first commercial production factory. Press at MWOE Solar, Inc:

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

Additional press: <http://www.toledoblade.com/apps/pbcs.dll/article?AID=/20070712/NEWS34/70712011> or <http://tinyurl.com/yvedr4>

7-12-07 SoloPower Financing

SoloPower announced the completion of its Series B financing which raised \$30 million. The deal was led by Convexa Capital and supported by Scatec AS and Spencer Energy AS. Existing investors, Crosslink Capital, Firsthand Capital Management and Musea Ventures also joined the round.

Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO592.htm>

SoloPower™: <http://www.solopower.com/>

7-12-07 WIN Semiconductors Order with AIXTRON

WIN Semiconductors has placed an order with AIXTRON for its AIX 2600G3 IC epitaxy reactor that will be used for the development and manufacture of triple junction solar cells on germanium wafers for terrestrial solar cell applications. Press at: <http://www.fabtech.org/content/view/3145/2/>

WIN Semiconductors: <http://www.winfoundry.com/>

AIXTRON:

http://www.aixtron.com/index.php?id=312&L=1&tx_ttnews%5Btt_news%5D=719&tx_ttnews%5BbackPid%5D=756&cHash=49090c7f15 or <http://tinyurl.com/ytomzs>

7-12-07 China Sunergy Intellectual Property

China Sunergy Co., Ltd announced that it has received N-type cell patent approval from the State Intellectual Property Office in the People's Republic of China. It has also submitted a patent application for P-type selective emitter cell technology, and currently expects to get the approval in 2009.

Press at: <http://money.cnn.com/news/newsfeeds/articles/prnewswire/CNTH01412072007-1.htm> or

<http://tinyurl.com/2kgtmy>

China Sunergy: <http://www.chinasunergy.com/en/index.php>

Additional press at Inside Greentech: <http://www.insidegreentech.com/node/1453>

7-12-07 First New Solar Homes Partnership Community, California

The new home community of Wisteria by Christopherson Homes in Rocklin, California is the first community to be approved by the State of California under its New Solar Homes Partnership program. As part of the California Solar Initiative, the Partnership provides significant rebates for homes that feature solar electric systems, achieve at least 15% above current Title 24 Standards, and include ENERGY STAR appliances. Old Country Roofing will install the solar roofing systems at Wisteria where solar is not an upgrade option. Each of the remaining homes in the subdivision will use OCR's turnkey solution, powered by a 2.3 kW BP Solar EnergyTile™ integrated solar roofing system.

Story at: <http://www.solarbuzz.com/News/NewsNAPR832.htm>

7-12-07 First New Solar Homes Partnership Community, California - continued

Old Country Roofing: <http://www.solarbuzz.com/News/NewsNAPR832.htm>

Go Solar California!: <http://www.gosolarcalifornia.ca.gov/>

California Solar Initiative: http://www.cpuc.ca.gov/Static/energy/electric/051213_casolar.htm

BP Solar: <http://www.bp.com/modularhome.do?categoryId=4260>

7-12-07 Solar Integrated Order

According to this press, Solar Integrated Technologies said it has won a \$1.1 mln usd order to build an integrated PV roofing system in Germany for one of the world's largest retail companies.

Press at: <http://www.sharewatch.com/story.php?storynumber=456860>

Solar Integrated Technologies: <http://www.solarintegrated.com/>

7-12-07 Abbott Going Green

Global health care company Abbott announced it plans to turn more than 6,000 of its vehicles carbon neutral and install a solar power system.

Story at GreenBiz.com: http://www.greenbiz.com/news/news_third.cfm?NewsID=35436

7-12-07 Dr. Tom Surek Moving to Private Sector

Dr. Tom Surek, a long-time manager of the PV subprogram at the National Renewable Energy Laboratory (NREL), moved into the private sector as of July 10. At a gathering honoring his nearly 29 years of contributions to NREL and DOE photovoltaics, Surek expressed his thanks to the NREL research and program staff, stating: "The success that PV enjoys worldwide today is, to a large extent, the result of the achievements by NREL in-house research and subcontract programs. It has been a distinct privilege for me to be associated with this success for these many years." Surek indicated that he expected to use his 34 plus years of PV experience in the private sector, including consulting. He added: "The success of my new endeavors, indeed the success of PV, will continue to depend on the research expertise right here at NREL, and I expect to work closely with many of you in the future." Dr. Surek may be reached by e-mail at tom_surek@yahoo.com.

7-12-07 Solar Outlook, Navigant Consulting [Paula Mints]

Solar Outlook, the Quarterly Photovoltaic Update, July 10, 2007, from Navigant Consulting is available [by subscription], with coverage of silicon supply, manufacturer shipments update, Intersolar and the PV Industry Forum in Munich, Wal-Mart solar vendors, the solar home loan program in India, the California Solar Initiative, the Energy Summit in San Jose, PV industry "In Brief" around the world, a calendar of events, and other important topics. For subscription information contact Paula Mints or Dan Tomlinson at Navigant Consulting:

<http://www.navigantconsulting.com/A559B1/navigantnew.nsf/fCNTDspRead?OpenForm&Cat1=LA2&Cat2=LB3> or <http://tinyurl.com/rmzc6>

7-12-07 EPIA Solaris Newsletter

The July issue of the European Photovoltaic Industry Association Newsletter – Solaris – is available with coverage of EPIA activities, upcoming events, policies around the world, news from the sector, technical developments, publications, personalities and more at:

http://www.epia.org/09newsletter/newsletter_new.asp

See also the latest International Energy Agency OPEN Energy Technology Bulletin at:

<http://www.iea.org/impagr/cip/index.htm>

7-12-07 PV Market Trends

For information on the next Interstate Renewable Energy Council telephone seminar – Photovoltaic Market Trends – see:

[http://www.irecusa.org/index.php?id=98&tx_ttnews\[tt_news\]=651&tx_ttnews\[backPid\]=96&cHash=11bcaf2d14](http://www.irecusa.org/index.php?id=98&tx_ttnews[tt_news]=651&tx_ttnews[backPid]=96&cHash=11bcaf2d14) or <http://tinyurl.com/2gwyg7>

7-12-07 Borrego Solar's 3rd Office, California

Borrego Solar, Inc. has opened its 3rd office in California to meet its expanding residential and commercial client needs. The new office in Petaluma augments offices in San Diego, Berkeley, and San Jose. Story at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story?id=49307>

<http://www.renewableenergyaccess.com/rea/partner/story?id=49306> or <http://tinyurl.com/2feso7> Borrego Solar: <http://www.borregosolar.com/>

7-12-07 BP Solar Expansion

See the story "BP Solar to begin \$70 M expansion" at:

http://www.gazette.net/stories/071207/busiflo35144_32355.shtml

BP Solar: <http://www.bp.com/modularhome.do?categoryId=4260>

7-12-07 groSolar Financing Opportunity for New Yorkers

groSolar announced a new plan enabling New Yorkers to bring solar energy to their homes for a nominal increase to their daily utility cost. For information on the financing opportunity, see the story at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story;jsessionid=058DF0A7704EBFCB6A562089FA676230?id=49296> or <http://tinyurl.com/2fx99n>

groSolar: <http://www.grosolar.com/>

NYSERDA: <http://www.powernaturally.org/>

7-12-07 Solar Project in Oregon

Energy Trust of Oregon is collaborating with Multnomah County officials in Oregon to develop solar power on County-owned facilities at little to no cost to County taxpayers. See the story at

RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story?id=49295>

Energy Trust of Oregon: <http://www.energytrust.org/RR/PV/index.html>

7-12-07 Hamilton Township Solar, New Jersey

Mayor Glen Gilmore will be requesting proposals for installation of solar panels on all township buildings. Gilmore's plan involves soliciting solar power firms to install solar panels and then sell the generated power to the township for a specified length of time, generally 10 to 25 years. Story at:

<http://www.nj.com/news/times/regional/index.ssf?/base/news-10/1184213259289490.xml&coll=5> or

<http://tinyurl.com/yucpd9>

Hamilton: <http://www.hamiltonnj.com/>

7-12-07 Solar in Arizona

See the story "Arizona doesn't lag, it leads other states in pushing solar energy" at:

<http://www.azcentral.com/arizonarepublic/opinions/articles/0712breakout121.html> or

<http://tinyurl.com/ywxzng>

7-12-07 RenewableEnergyAccess Podcast

The latest RenewableEnergyAccess Podcast covering grid stability with energy efficiency and renewable energy, and San Francisco's solar web mapping, is available at:

<http://www.renewableenergyaccess.com/rea/news/podcast?id=49294> or <http://tinyurl.com/222z5t>

7-12-07 Solar Panels – China, Hong Kong, and Taiwan

See the story "Upscale models at lower prices" at: <http://www.hardware.globalsources.com/gsol//Solar-panel/a/9000000088747.htm> or <http://tinyurl.com/2dqrtq>

In related solar news...

7-12-07 Solar Thermal Project in Spain

The Spanish group ACS and German partner Solar Millennium said they have begun the 2nd phase of a massive solar power project near the southern city of Granada. According to the German firm, the 2nd phase of the Andasol-2 project will come online in early 2009. Several German firms, including Siemens, are providing the technology while ACS/Cobra of Spain is handling the bulk of the construction work.

Solar Millennium says it also plans to develop a 3rd plant in conjunction with EDP. Press at:

http://news.yahoo.com/s/afp/20070711/sc_afp/spaingermanyenergy_070711192807 or

<http://tinyurl.com/yrzp7c>

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

http://www.solarmillennium.com/start_en.php?cid=583

7-13-07 Groundbreaking Ceremony for WorldWater & Solar Technologies Installation at Airport, California

WorldWater & Solar Technologies Corp. held a groundbreaking ceremony for the construction of a large-scale solar electric system at Fresno Yosemite International Airport. The 2-MW installation is scheduled for completion by early 2008 and will be operated by WorldWater under a 20-year power-purchase contract awarded by the Fresno City Council.

Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR833.htm>

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

Airport: <http://www.fresno.gov/News/PressReleases/2007/BreakGround.htm>

7-13-07 Sonoma Valley County Sanitation District Solar, California

The dedication of solar projects for the Sonoma Valley County Sanitation District took place on July 6. The larger of the two recently completed projects is a 5,208-panel solar installation extending over 4 acres at the wastewater treatment plant. Story at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story?id=49314>

Full press: <http://www.sonomanews.com/articles/2007/07/09/news/doc4692d695cb6a2234099848.txt> or

<http://tinyurl.com/39p5yf>

Sonoma County Water Agency: <http://www.scwa.ca.gov/> (see pictures)

<http://www.scwa.ca.gov/documents/SolarDedications.pdf>

7-13-07 More on SoloPower

See the story, "Norwegian Investors Keen on Solar, thin-film startup attracts funding from Scandinavia", featuring SoloPower, at RedHerring:

<http://www.redherring.com/Article.aspx?a=22867&hed=Norwegian+Investors+Keen+on+Solar§or=Industries&subsector=Energy> or <http://tinyurl.com/2nx2vx>

SoloPower: <http://www.solopower.com/>

Related press, through SolarPlaza <http://www.solarplaza.com/content/news.php> at:

http://www.semiconductor-today.com/news_items/NEWS_2007/JULY_07/SOLO_120707.htm or

<http://tinyurl.com/24qe57>

UPI: http://www.upi.com/Energy/Briefing/2007/07/12/solopower_raises_30m_for_new_solar/8474/ or

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

7-13-07 Ameresco Acquisition of Southwest PV

Ameresco, Inc. has purchased Southwest Photovoltaic Systems, Inc.

Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO593.htm>

Ameresco: <http://www.ameresco.com/>

Southwest Photovoltaic (PV) Systems, Inc.: <http://www.southwestpv.com/>

7-13-07 Xantrex Technology New Inverter Series

Xantrex Technology Inc. announced the launch of its new, high-efficiency Xantrex GT Series Grid Tie Solar Inverter line-up. Press at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/partner/story?id=49318> or <http://tinyurl.com/2k5s7s>

Xantrex: <http://www.xantrex.com/web/id/13/type.asp>

7-13-07 PV Powered's New Inverter

PV Powered announced its entry into the commercial inverter market. See more on the new PVP30kW inverter at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/partner/story?id=49282> or <http://tinyurl.com/2wwwuwq>

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

7-13-07 European Commission's Integrated Project PERFORMANCE [EPIA press]

In a recent international inter-comparison within the European Commission's FP6 Integrated Project PERFORMANCE IP, eight separate energy prediction methods developed independently across European Universities and Research Centres have shown agreement on the estimated energy generation of five different PV module technologies – crystalline and multicrystalline silicon, amorphous silicon, CdTe, and CIS. [Press from EPIA]

PERFORMANCE Project: <http://www.pv-performance.org/>

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

7-13-07 Renewables, Solar in Italy

Italy's 2008 budget, due to be presented in September, should confirm existing fiscal support for renewable energy sources, as well as add funds for domestic solar panel production said Fabrizio Fabbri, head of the technical secretariat at the environment ministry.

Press at: <http://www.forbes.com/markets/feeds/afx/2007/07/13/afx3911518.html> or

<http://tinyurl.com/3auq3z>

7-13-07 Cleantech Mainstream

See the article addressing cleantech, "In the Mainstream, but Still Some Bumpy Rocks", by Featured Columnist Clint Wilder, Clean Edge, at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/businessre/story?id=49251> or <http://tinyurl.com/yvb5se>

7-13-07 Renewables Jobs

See the story "Jobs could grow in renewable energy, solar society says" referencing the American Solar Energy Society national conference in Ohio, at:

<http://www.cleveland.com/business/plaindealer/index.ssf?/base/business-3/1184317142103740.xml&coll=2> or <http://tinyurl.com/39aerr>

American Solar Energy Society: <http://www.ases.org/>

7-13-07 Western Renewable Energy Generation Information System

The Western Renewable Energy Generation Information System (WREGIS) went online on 25 June.

Information at: <http://www.wregis.org/>

WREGIS Press Release: <http://www.wregis.org/content/blogcategory/33/54/>

7-13-07 Solar Taxi

Swiss adventurer Louis Palmer has set off from Lucerne in his "Solartaxi" in his attempt to travel around the world. See "'Solar taxi' starts record trip round world" at: <http://tinyurl.com/2tga6r>