

NCPV Hotline — Week of July 23-31, 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>

Disclaimer <link to http://www.nrel.gov/pv/hotline/news_hotline_disclaimer.html>

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 July 26 through July 30.

7-23-07 Solaria Corporation Funding

Solaria Corporation announced that it has closed a \$50 million Series C round of funding led by Q-Cells AG. In addition to funding, Solaria has secured a cell supply agreement with Q-Cells that ensures Solaria access to 1.35 GW over the next 10 years.

Press at: <http://biz.yahoo.com/bw/070723/20070723005419.html?.v=1> and http://online.wsj.com/article/SB118514652294674433.html?mod=googlenews_wsj or <http://tinyurl.com/2mcu7h>

Solaria: <http://www.solaria.com/>

Q-Cells: http://www.qcells.com/cmadmin_2_474_0.html

7-23-07 Solar in Tibet

China Xinjiang SunOasis Ltd. signed a cooperative contract with China Mobile Group to construct 3 solar power stations in the Tibet Autonomous Region. Reference to press at:

<http://www.interfax.cn/displayarticle.asp?aid=26148&slug=CHINA-ENERGY-SOLAR> or <http://tinyurl.com/2jtd2p>

SunOasis: <http://www.sunoasis.com.cn/en/index.asp>

7-23-07 Australia's Fifth Solar City

Central Victoria is the location of the 5th Solar City in Australia. The Central Victorian Solar City consortium will receive up to \$A15 million in Australian Government funding to help change the way individuals, communities, businesses and governments think about and use energy.

Story at Solarbuzz: <http://www.solarbuzz.com/news/NewsASGO73.htm>

Solar Cities: <http://www.greenhouse.gov.au/solarcities/>

7-23-07 Wacker – Schott Joint Venture

According to this press, Wacker Chemie said it and Schott Solar GmbH intend to set up a joint venture to produce silicon wafers for solar applications.

Story at through Soarbuzz <http://www.solarbuzz.com/index.asp> at:

http://www.nasdaq.com/aspxcontent/NewsStory.aspx?cpath=20070720%5cACQDJON200707201027DO_WJONESDJONLINE000662.htm& or <http://tinyurl.com/2rrha7>

WACKER: <http://www.wacker.com/cms/en/home/index.jsp>

SCHOTT: <http://www.us.schott.com/solar/english/index.html?c=bl>

7-23-07 Concentrator Cell R&D 100 Award

A solar cell produced by Boeing Spectrolab under a subcontract with the U.S. Department of Energy's National Renewable Energy Laboratory (NREL) is among this year's most significant innovations as judged by Research & Development Magazine. The NREL/Boeing Spectrolab R&D 100 Award for 2007 recognizes the High-Efficiency Metamorphic Multi-junction Concentrator Cell, the first solar cell to break the 40% conversion efficiency barrier. Press at: <http://www.nrel.gov/news/press/2007/524.html>
R&D 100 Awards: <http://www.rdmag.com/awards.aspx>

7-23-07 More on LDK Solar Purchase of GT Equipment

LDK Solar signed a contract to purchase polysilicon production equipment from GT Solar. See "Solar verticalization continues" at Inside Greentech: <http://www.insidegreentech.com/1503/solar-vertical-integration-LDK-GT>
LDK Solar: <http://www.ldksolar.com/>
GT Solar: <http://www.gtsolar.com/>

7-23-07 More on Andasol 2

The Spanish group ACS and German partner Solar Millennium announced that they have begun the 2nd phase of a solar power project near the city of Granada. The companies will invest 260 million euros in Andasol 2, a 195-hectare solar facility they are calling the largest solar power plant in the world. Press at: <http://www.dw-world.de/dw/article/0,,2681625,00.html?maca=en-rss-en-all-1573-rdf> or <http://tinyurl.com/yp2gzs>

7-23-07 Ferrotec New Solar/PV Capabilities

Ferrotec Corp. announced new vacuum rotary feedthrough capabilities in solar and PV manufacturing applications. Press at UPI: http://www.upi.com/Energy/Briefing/2007/07/20/ferrotec_unveils_solar_breakthroughs/8432/ or <http://tinyurl.com/2ng7td>
Ferrotec: <http://www.ferrotec.com/>

7-23-07 PHOTON International On-line Articles

For online articles from PHOTON International, July 2007, including Biaxial tracking system from Korea, Solarparc report 20 MW in the pipeline for southern Germany, and Digital photo frame shows yield, see: <http://www.photon-magazine.com/>

7-23-07 Lux Research LR Solar Intelligence Service

For information on the new LR Solar Intelligence service from research firm Lux Research, see: <http://biz.yahoo.com/bw/070723/20070723005688.html?.v=1>
Lux Research: <http://www.luxresearchinc.com/>

7-23-07 What Solar Power Needs

See the story "Strategic Thinking, What Solar Power Needs Now" by Daniel Kammen, at: http://www.greenbiz.com/news/columns_third.cfm?NewsID=35431&pic=1 or <http://tinyurl.com/33ojw9>

7-23-07 Florida RFP for Renewables

For information on Progress Energy Florida RFP for Florida-based Renewable Energy Resources of 1 MW or greater, see The Green Power Network at: <http://www.eere.energy.gov/greenpower/financial/>

7-23-07 CEC Renewable Portfolio Standards Documents

For information on the transcript of the 15 March 2007 RPS Verification Report Workshop at the California Energy Commission, see: <http://www.energy.ca.gov/portfolio/documents/index.html>

7-23-07 Solar Photos

Solar photos are posted at Yahoo: <http://news.search.yahoo.com/search/news?ei=UTF-8&p=solar&adv=1&n=10&fr=&c=images> or <http://tinyurl.com/2rdskx>

7-24-07 GT Solar Greek Order

GT Solar International, Inc. announced today that its wholly owned subsidiary, GT Solar Incorporated, has received a \$40,700,000 order from Soltech, S.A. in Patras, Greece for a turnkey line of equipment capable of making 30 MW of solar wafers, cells and modules annually.

Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsEUMA177.htm>

GT Solar: <http://www.gtsolar.com/>

7-24-07 Millennium Solar Project in Italy

Israel-based Millennium Electric TOU Ltd. has completed construction of a 50 kW plant in Italy, part of a nationwide network of solar power stations, which will generate an aggregate of 10 MW. See more on the company's patented technology, Multi-SPV/T/A Solar System at:

http://www.upi.com/Energy/Briefing/2007/07/23/italy_gets_first_solar_power_plant/5509/ or

<http://tinyurl.com/249lbb>

Millennium Electric – integrated PV and solar thermal systems: <http://www.millenniumsolar.com/>

7-24-07 DuPont Managing Solar Cell Consortium

DuPont announced that it will be managing the critical phase of prototype development and applications testing for the newly formed DuPont-University of Delaware Very High Efficiency Solar Cell Consortium.

Press at: [http://www.examiner.com/p-](http://www.examiner.com/p-16718~DuPont_to_Lead_100_Million_Federal_Program_to_Advance_Solar_Cell_Module_Research.html)

[16718~DuPont to Lead 100 Million Federal Program to Advance Solar Cell Module Research.html](http://www.examiner.com/p-16718~DuPont_to_Lead_100_Million_Federal_Program_to_Advance_Solar_Cell_Module_Research.html) or <http://tinyurl.com/27awlz>

<http://www.delawareonline.com/apps/pbcs.dll/article?AID=/20070724/NEWS/707240341> or

<http://tinyurl.com/2q23ru>

<http://money.cnn.com/news/newsfeeds/articles/prnewswire/NEM11323072007-1.htm> or

<http://tinyurl.com/2un9vr>

7-24-07 More on Solaria Investment

Q-Cells led a \$50 million investment in Solaria, and committed to a long-term solar cell supply deal.

Stories at: http://news.com.com/2100-11392_3-6198171.html?part=rss&tag=2547-1_3-0-20&subj=news

or <http://tinyurl.com/2pr45>

http://online.wsj.com/article/SB118514652294674433.html?mod=googlenews_wsj or

<http://tinyurl.com/2mcu7h>

Solaria: <http://www.solaria.com/>

Q-Cells: http://www.qcells.com/cmadmin_2_474_0.html

7-24-07 Solar Integrated Technologies French Order

Solar Integrated Technologies has won its first order from French hypermarket chain Carrefour through its French partner Urbasolar. Press at: <http://www.sharewatch.com/story.php?storynumber=466067>

<http://www.hemscott.com/news/latest-news/item.do?newsId=47304769891232> or <http://tinyurl.com/3bnjif>

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

7-24-07 National Guard Solar, Wind – Ohio

Two National Guard bases in northeast Ohio could begin to be powered by wind or solar energy, thanks to \$7.1 million in federal funding. Story at:

<http://www.toledoblade.com/apps/pbcs.dll/article?AID=/20070724/NEWS06/707240343> or

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

7-24-07 IREC Connecting to the Grid Guide, 5th Edition

The Interstate Renewable Energy Council has issued a new edition of its Connecting to the Grid guide.

See: <http://www.irecusa.org/index.php?id=86>

7-24-07 Suntech Power Interview

See the interview with Zhengrong Shi, Suntech Power, "Bright Days at Suntech Power" at: <http://www.fool.com/investing/high-growth/2007/07/23/bright-days-at-suntech-power.aspx> or <http://tinyurl.com/23trm7>
Suntech: <http://www.suntech-power.com/>

7-24-07 Astralux Seminar Series, Colorado

Colorado-based Astralux has launched a seminar series aimed at showing local companies the benefits of solar energy and other renewable energies. Press at: http://www.upi.com/Energy/Briefing/2007/07/23/astralux_gives_solar_411_to_local_biz/7925/ or <http://tinyurl.com/25d5bm>
<http://biz.yahoo.com/iw/070720/0280709.html>
Astralux: <http://www.aessolarenergy.com/>

7-24-07 PV System for Toyota Motor Corp., Japan

Toyota Motor Corp. said it will install a solar power generation system on the rooftop of its Tsutsumi plant in Aichi Prefecture that assembles Prius hybrid cars. Stories at: <http://www.japantoday.com/jp/news/413127>
<http://au.biz.yahoo.com/070723/44/1br36.html>

7-24-07 More on the NorCal Solar Report, Solar Installations in the Bay Area, California

The NorCal Solar Energy Association released new findings on the growth of solar energy installations in the Bay Area counties. See RenewableEnergyAccess at: <http://www.renewableenergyaccess.com/rea/news/story?id=49388>
NorCal Solar: <http://www.noricalsolar.org/>

7-24-07 Solar, Affordable Housing, California

See the story "Solar, Celebrity & Affordable Housing" at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story?id=49387>

7-24-07 City of Palo Alto RFP for Renewable Energy Resources, California

For the City of Palo Alto RFP seeking up to 280 GWh/year of Eligible New Renewable Energy Resources, go to The Green Power Network at: <http://www.eere.energy.gov/greenpower/financial/>

7-25-07 United Solar Ovonix Distributor Agreement with Advanced Green Technologies

United Solar Ovonix has signed a 3-year distributor agreement with Advanced Green Technologies, Inc. for \$108 million of PV products. A unit of Advanced Roofing, Inc., Advanced Green Technologies is offering sustainable building integrated solutions and renewable energy products for commercial and residential roofing applications using UNI-SOLAR® products.
Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO599.htm>
United Solar Ovonix: <http://www.ovonix.com/>
Advanced Green Technologies: <http://www.advancedgreentech.com/>

7-25-07 DARPA Very High Efficiency Solar Cell Program, Cell Efficiency

Using a novel technology that adds multiple innovations to a very high-performance crystalline silicon solar cell platform, a consortium led by the University of Delaware has achieved a record-breaking combined solar cell efficiency of 42.8%. See the press "UD-led team sets solar cell record, joins DuPont on \$100 million project" at: <http://www.udel.edu/PR/UDaily/2008/jul/solar072307.html>
Related press: <http://www.renewableenergyaccess.com/rea/news/story?id=49429>

7-25-07 Yingli Manufacturing Expansion

Yingli Green Energy Holding Company Limited announced the completion of the first stage of its Phase III 500 MW manufacturing expansion plan.

Press at: <http://au.biz.yahoo.com/070724/43/1bsda.html>

Solarbuzz: <http://www.solarbuzz.com/News/NewsASMA102.htm>

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

7-25-07 NREL – Innovalight Collaboration – Multiple Exciton Generation in Silicon Nanocrystals

Researchers at the U.S. Department of Energy's National Renewable Energy Laboratory, collaborating with Innovalight, Inc., have shown that Multiple Exciton Generation (MEG) occurs efficiently in silicon nanocrystals. The new result opens the door to the potential application of MEG for greatly enhancing the conversion efficiency of solar cells based on silicon.

See the press at: <http://www.nrel.gov/news/press/2007/525.html>

ACS Publications: http://pubs3.acs.org/acs/journals/doi/lookup?in_doi=10.1021/nl071486j or

<http://tinyurl.com/257quk>

Innovalight: <http://www.innovalight.com/>

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

7-25-07 Oerlikon Solar Contract with CMC Magnetics

Oerlikon Solar has signed a contract with Taiwan's CMC Magnetics Corp. for the supply of a 40 MWp thin-film solar cell production plant. The deal marks Oerlikon Solar's first major order in Asia-Pacific.

Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsASMA103.htm>

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

7-25-07 More on Wacker, Schott Joint Venture

Wacker Chemie AG and SCHOTT Solar GmbH intend to set up a joint venture to produce silicon wafers for solar applications. Story at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story?id=49432>

Other press: <http://www.glassonweb.com/news/index/6294/>

Wacker: <http://www.wacker.com/>

Schott: <http://www.us.schott.com/english/index.html>

<http://www.us.schott.com/solar/english/index.html>

7-25-07 Uni-Solar New Residential Solar System on Habitat for Humanity Home

United Solar Ovonic announced the unveiling of its new residential solar system in Traverse City, Michigan, to power a Habitat for Humanity home.

Story at: <http://biz.yahoo.com/prnews/070724/citu056.html?v=101>

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

7-25-07 Enipower, Unicredito Agreement

Eni SpA's power generation unit Enipower said it has signed an agreement with Unicredito for the launch of a new integrated solar energy offer. Under the deal, Unicredito will finance the purchase and installation of PV plants sold by Enipower.

Press at: <http://www.sharewatch.com/story.php?storynumber=466770>

Eni: http://www.eni.it/home/press_center_en.html

7-25-07 More on XsunX Solar Module Production Facility

XsunX plans for the build-out of a 100 MW thin-film solar module production facility are proceeding on schedule. Stories at: <http://www.finanznachrichten.de/nachrichten-2007-07/artikel-8668666.asp> or

<http://tinyurl.com/2r9unv>

http://www.upi.com/Energy/Briefing/2007/07/25/xsunx_makes_solar_module_move/5370/ or

<http://tinyurl.com/3e29uw>

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

7-25-07 American Capital Energy PV System for United Natural Foods, California

United Natural Foods, Inc. is installing a 1.19 MW solar power system on the rooftop of the company's distribution facility in Rocklin, California. The company contracted with American Capital Energy to develop and install the new system.

Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR836.htm>

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

7-25-07 Hoku Solar Agreement with Bank of Hawaii

Hoku Solar announced that it has signed a definitive agreement with Bank of Hawaii to install a PV system on the Bank of Hawaii's historic Kohala branch. Hoku and Bank of Hawaii also announced the signing of a non-binding letter of intent for Hoku to explore additional turnkey installations for some of the Bank's other neighbor island facilities.

Press at: <http://money.cnn.com/news/newsfeeds/articles/marketwire/0281986.htm> or

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

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

7-25-07 Dyesol Defense Project Milestone [Dyesol]

Sustainable Technologies International – a wholly owned subsidiary of Dyesol – has met the fifth milestone set by the Australian Department of Defense to demonstrate that flexible solar panels using Dye Solar Cell technology can be used for portable and sustainable energy in the field.

Dyesol press: <http://tinyurl.com/3cgjy7>

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

7-25-07 CEC Renewables Committee Workshop Notice [Polly Shaw]

The Renewables Committee of the California Energy Commission will hold a workshop 22 August to receive comments on the staff's recommendations for the eligibility criteria, conditions for incentives, and ratings standards required by Senate Bill 1.

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

7-25-07 Solar Manufacturing, Russia

According to this press, the Industrial Investors Group plans to set up Russia's first vertically integrated company for manufacturing solar power components, primarily for export. Press at:

<http://www.interfax.com/3/296182/news.aspx>

7-25-07 SunEdison CEO

SunEdison has appointed Thomas M. Rainwater as CEO and a member of the Board of Directors effective August 13. SunEdison founder and current CEO Jigar Shah will continue as Chief Strategy Officer and member of the Board of Directors.

Story at Solarbuzz: <http://www.solarbuzz.com/news/newsNACO600.htm>

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

7-25-07 Solar Power Conference

See the story "Solar Power Conference and Expo to Break Attendance Record in a Landmark Year for Solar Power" from SEPA at RenewableEnergy Access:

<http://www.renewableenergyaccess.com/rea/partner/story;jsessionid=CF05040D13E53371C9F94ECDBB4D758?id=49435> or <http://tinyurl.com/288qxe>

Solar Electric Power Association: <http://www.solarelectricpower.org/>

7-25-07 Space Solar Power

A Pentagon office is taking advantage of the collaborative nature of the Internet as it studies potential applications for space-based solar power. Story at:

http://news.yahoo.com/s/space/20070725/sc_space/pentagonlookstotheinternetcommunityforspacesolarpowerstudy or <http://tinyurl.com/2a8ppk>

Space Solar Power: <http://spacesolarpower.wordpress.com/>

7-25-07 Tri State Generation and Transmission Association Renewables RFP

Tri-State Generation and Transmission Association has released the first of two solicitations to be issued this year for new power supply resources. The RFP seeks proposals for resources to meet near-term member load growth and support the integration of renewable energy into Tri-State's system. Information at: <http://www.tristategt.org/NewsCenter/NewsItems/RFPs.cfm>

7-25-07 GE Money – Electric & Gas Industries Association Relationship

GE Money's Sales Finance unit and the Electric & Gas Industries Association recently announced a new multi-year relationship to provide revolving and installment consumer financing of residential solar systems through EGIA's GEOSmart Sustainable Financing Solutions loan program. Press at: <http://biz.yahoo.com/bw/070725/20070725005516.html?.v=1> or <http://tinyurl.com/ywan4k>
EGIA: <http://www.egia.com/DesktopDefault.aspx?Portal=8>
GE Money: <http://www.gemoney.com/>

7-25-07 School District Solar Contract with Chevron Energy, California

San Jose Unified School District has entered into a partnership with Chevron Energy Solutions and Bank of America to establish what the companies say is the largest solar power and energy-efficient facilities program in K12 education in the U.S.

Stories at: <http://www.solarbuzz.com/News/NewsNAPR839.htm>
http://www.mercurynews.com/ci_6461393?source=rss
Chevron Energy: <http://www.chevronenergy.com/>

7-25-07 Solar Homes, California

Homebuilder Hugh Futrell Corporation and SunPower Corporation announced the opening of Bridge Trail at The North Village, Sonoma County's first solar-electric new home community. Each of the 43 homes at Bridge Trail features a 1.9 kW SunPower rooftop PV system.

Press at: <http://money.cnn.com/news/newsfeeds/articles/prnewswire/AQW08925072007-1.htm> or <http://tinyurl.com/35olod>
SunPower: <http://www.sunpowercorp.com/>

7-25-07 NYSERDA Code Training [IREC notice]

The New York State Energy and Research Development Authority is sponsoring a code training course for current NABCEP-certified installers on 18-19 September.

Information at: <http://www.regonline.com/eventinfo.asp?eventid=144335>
IREC: <http://www.irecusa.org/>

7-25-07 Fresno Airport Solar Controversy

The Fresno City Council unanimously rejected a labor union appeal to halt a \$16 million solar power project at Fresno Yosemite International Airport for further environmental review.

Story at: <http://www.fresnobee.com/170/story/94839.html>

7-25-07 Dell-Winston Solar Car Challenge Winners

See the story "Solar Success! Dell Announces Winners of 207 Dell-Winston School Solar Car Challenge" at: http://www.finanzen.net/news/news_detail.asp?NewsNr=559907

Dell-Winston Solar Car Challenge: <http://www.winstonsolar.org/challenge/>

7-25-07 Solar Ferry

Discovery at Marigot Bay on St. Lucia's west coast celebrated the official launch of what is said to be the Caribbean's first solar powered ferry, The Sunshine Express.

Stories at: <http://www.easier.com/view/Travel/Hotels/article-130469.html>
<http://www.islands.com/article.jsp?ID=53190&typeID=102&categoryID=69> or <http://tinyurl.com/2nvqlj>
<http://www.stluciarstar.com/NewsHome/TravelTourism/tabid/387/mid/900/newsid900/2188/Default.aspx> or <http://tinyurl.com/36lnpc>

In related solar news...

7-25-07 PG&E Solar Thermal Power Purchase

See multiple stories on PG&E's solar thermal purchase agreement, for example: "PG&E Signs Agreement with Solel for 553 Megawatts of Solar Thermal" at Solarbuzz:

<http://www.solarbuzz.com/News/NewsNAPR837.htm>

"PG&E Signs Agreement with Solel for 553 Megawatts of Solar Power", at:

http://www.pge.com/news/news_releases/q3_2007/070725a.html

"PG&E to buy solar power produced by mirrors in the Mojave" at:

<http://www.iht.com/articles/2007/07/25/business/solar.php> "California Utility Agrees to Buy Power Generated by Solar Array" at:

http://www.nytimes.com/2007/07/25/business/25solar.html?_r=1&oref=slogin or <http://tinyurl.com/29nhw7>

"PG&E Enters Solar Power Deal" at: <http://www.forbes.com/feeds/ap/2007/07/25/ap3951005.html>

Solel: <http://www.solel.com/>

Note: The NCPV Hotline was off line July 26 through July 30.

7-31-07 SunPower Fab 2

SunPower Corporation announced the inauguration of its second solar cell fabrication facility known as cell Fab 2 in the Philippines.

Story at Solarbuzz: <http://www.solarbuzz.com/news/NewsASMA105.htm> and <http://tinyurl.com/2rtdzd>

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

7-31-07 Timminco Solar Silicon Facility

Timminco Limited is breaking ground for the construction of its solar silicon metal facility located in Becancour, Quebec. The new plant will consist of three separate production lines, each expected to yield at least 1,200 metric tons of annual capacity.

Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAMA89.htm>

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

7-31-07 LDK Solar Contracts for Production Equipment

LDK Solar has secured additional contracts for production equipment that will enable the company to expand its wafer production capacity to 1,600 MW by the end of 2009.

Story at Solarbuzz: <http://www.solarbuzz.com/news/NewsASMA104.htm>

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

7-31-07 REC - Moser Baer Photo Voltaic Agreement

REC has signed a long-term agreement with Moser Baer Photo Voltaic Ltd. for the supply of wafers. The contract has a value of about \$880 million.

Story at Solarbuzz: <http://www.solarbuzz.com/news/NewsEUUCO417.htm>

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

Moser Baer: <http://www.moserbaerpv.in/>

7-31-07 Indian Solar Market

See "Indian solar market lures global players", at: <http://www.rediff.com/money/2007/jul/30sol.htm>

7-31-07 Stake in Moser Baer Photo Voltaic

According to this press, private equity players including Blackstone, Warburg Pincus and Carlyle, are eyeing a 10% stake in Moser Baer Photo Voltaic business for a consideration of about \$150 million.

Story at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story?id=49444>

Moser Baer Photo Voltaic: <http://www.moserbaerpv.in/>

7-31-07 REC Second Quarter Results

Renewable Energy Corporation ASA (REC) announced 2nd quarter 2007 results.

Story at Solarbuzz: <http://www.solarbuzz.com/news/NewsEUUCO418.htm>

7-31-07 Evergreen Solar Second Quarter Results

Evergreen Solar announced 2nd quarter 2007 results.

Press at Solarbuzz: <http://www.solarbuzz.com/news/NewsNACO601.htm>

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

7-31-07 Solar-Fabrik First Half Results

Solar-Fabrik AG announced first half 2007 results.

Press at Solarbuzz: <http://www.solarbuzz.com/news/NewsEUCO419.htm>

Solar-Fabrik: <http://www.solar-fabrik.com/index.php?id=27>

7-31-07 Amtech Systems Order

Amtech Systems said it received a \$4.9 million follow-on order from a new customer in Asia. See Inside Greentech at: <http://www.insidegreentech.com/1538/amtech-gets-4-9m-follow-on-solar-order> or

<http://tinyurl.com/35hvlp>

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

7-31-07 SES Solar Manufacturing Facility

SES Solar has begun construction of its new manufacturing facility in Geneva, Switzerland that will produce solar panels, solar modules and solar tiles. Story at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story?id=49466>

SES Solar: <http://www.sesolar.com/>

7-31-07 Deya Capital SCR 26% of Isofoton

According to this press, Corporacion Financiera Alba SA said its Deya Capital SCR SA unit has bought 26 percent of Isofoton SA. Press at Forbes:

<http://www.forbes.com/business/feeds/afx/2007/07/31/afx3969138.html> or <http://tinyurl.com/2yw44r>

Isofoton: <http://www.isofoton.com/>

7-31-07 SolarPlaza's PV Investment Tour to Spain

See information from SolarPlaza's "International PV Investment Tour to Spain 23-24 July 2007", including photos, market introduction, testimonials, programme, and press releases, at:

<http://www.solarplaza.com/content/pagina/PVInvestmenttourSpain/45259> or <http://tinyurl.com/37ekux>

7-31-07 Desert Water Agency Solar Plans, Palm Springs, California

According to this press, the Desert Water Agency wants to triple the size of its field of solar panels so it can sell power to the energy grid.

Story at: <http://www.fresnobee.com/384/story/99508.html>

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

7-31-07 SPX Corporation Contract

SPX Corporation announced its Kayex business was awarded a contract to design and manufacture state-of-the-art crystal growing equipment to support the rapid growth of the silicon-based solar energy market. The contract is with NorSun AS, a producer of mono crystalline ingots and wafers for the international solar industry. Press at: <http://biz.yahoo.com/pnews/070730/clm125.html?v=27>

SPX Corporation: <http://www.spx.com/>

NorSun: http://www.norsuncorp.no/?sc_lang=en

7-31-07 More on Multiple Exciton Generation in Silicon Nanocrystals

See the story "New Research Makes Innovalight Shine" with coverage of the R&D with NREL on multiple exciton generation in silicon nanocrystals, at: <http://www.americanventuremagazine.com/articles/759>

Innovalight: <http://www.innovalight.com/>

Previous press: <http://www.nrel.gov/news/press/2007/525.html>

http://pubs3.acs.org/acs/journals/doi/lookup?in_doi=10.1021/nl071486l or <http://tinyurl.com/257quk>

<http://www.renewableenergyaccess.com/rea/news/story?id=49460>

7-31-07 More on DARPA Very High Efficiency Solar Cell

See more on the 42.8% solar cell efficiency from the consortium led by the University of Delaware, including commentary by readers, at RenewableEnergyaccess:

<http://www.renewableenergyaccess.com/rea/news/story?id=49483>

7-31-07 More on Oerlikon's Solar Cell Production

For more on Oerlikon Solar's contract with Taiwan's CMC Magnetics Corp. for the supply of a 40 MWp thin-film solar cell production plant, see RenewableEnergyaccess at:

<http://www.renewableenergyaccess.com/rea/news/story?id=49471>

Oerlikon: http://www.oerlikon.com/ecomaXL/index.php?site=OERLIKON_EN_overview_solar or <http://tinyurl.com/2z9y5n>

7-31-07 W2 Energy Technology Solar Powered

W2 Energy Inc. will begin development to modify its non-thermal plasma reactor technology to be powered by solar energy. "We believe that this technology could be the first of its kind in the gasification field," said Michael McLaren, CEO. Story at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story?id=49473>

W2 Energy: <http://www.w2energy.com/>

7-31-07 Solar in Germany

See the story "Cloudy Germany unlikely hotspot for solar power" at:

http://news.yahoo.com/s/nm/20070730/sc_nm/germany_solar_dc_1

7-31-07 CEC New Solar Homes Partnership Guidebook

The second edition of the New Solar Homes Partnership Guidebook is available at:

<http://www.energy.ca.gov/renewables/06-NSHP-1/notices/>

http://www.energy.ca.gov/renewables/06-NSHP-1/notices/2007-07-24_notice_availability.html

<http://tinyurl.com/27853d>

7-31-07 Dye Sensitized Solar Cells

According to this press, scientists at Ohio State University have developed new dye-sensitized solar cells. See "Researchers Think Pink to Produce 'Green' Solar Energy" at:

<http://www.newswise.com/articles/view/531980/?sc=rssn>

7-31-07 G24i Site in Wales [Rachel Griffiths]

G24 Innovations Limited announced the completion of a sale and 20-year leaseback arrangement for its site in Cardiff, Wales. According to the article, it signals significant investor confidence in the company's plans for the commercial scale-up of DSSC production. G24i will have an initial 30 MW production capacity at the site with plans for an extension to 200 MW by 2008. Press from G24i.

G24 Innovations: <http://www.g24i.com/>

7-31-07 SolarWorld Industries America Expansion

See the story "Solar expansion: Business looks sunny for photovoltaic cell manufacturer" with coverage of SolarWorld Industries America, at:

http://www.heraldextra.com/index.php?option=com_content&task=view&id=230436&Itemid=99999999 or

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

SolarWorld: <http://www.solarworld-usa.com/Management.175.0.html>

7-31-07 Solar in New Orleans

New Orleans has received a \$200,000 grant to make solar energy and other renewable technologies more affordable. The New Orleans Office of Recovery Management is incorporating solar energy into its planning after the city was named one of the 13 Solar America Cities for 2007. See UPI at:

http://www.upi.com/Energy/Briefing/2007/07/30/new_orleans_receives_solar_city_grant/3225/

or <http://tinyurl.com/2y4jby>

Solar America Cities: http://www.eere.energy.gov/solar/solar_america/solar_america_cities_awards.html

or <http://tinyurl.com/34qf9h>

7-31-07 Tucson Electric Power Solar America Initiative Grant

Arizona's Tucson Electric Power was awarded a federal grant to develop new methods to evaluate solar energy systems. The U.S. Department of Energy's Solar America Initiative awarded TEP \$100,000 to develop new methods to evaluate how effective solar power is at replacing traditional sources. Story at UPI: http://www.upi.com/Energy/Briefing/2007/07/30/tucson_gets_energy_dept_solar_grant/8369/ or <http://preview.tinyurl.com/2u8l63>

<http://biz.yahoo.com/bw/070730/20070730005903.html?.v=1> or <http://tinyurl.com/27b5pk>

Solar America Initiative:

http://www.eere.energy.gov/solar/solar_america/news_detail.html?news_id=10669 or

<http://tinyurl.com/2sr7gm>

Tucson Electric Power:

<http://www.tucsonelectric.com/Company/News/PressReleases/ReleaseTemplate.asp?idRec=281> or

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

7-31-07 Utility-scale Solar Demonstration

GreenVolts™ recently announced a demonstration project with Pacific Northwest Utility to test the company's utility-scale solar energy solution. The company also announced that Avista has made a strategic investment in GreenVolts for an undisclosed amount. See "Utility-Scale Solar Trial Underway" at: <http://www.industryweek.com/ReadArticle.aspx?ArticleID=14685> or <http://tinyurl.com/2yqqpm>

GreenVolts™: <http://greenvolts.com/>

7-31-07 Sunergy CEO

China Sunergy has appointed Allen Wang as its new Chief Executive Officer. Story at Solarbuzz:

<http://www.solarbuzz.com/news/NewsASCO120.htm>

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

7-31-07 Soliant Energy VP of Sales and Marketing

Soliant Energy announced the appointment of Marc Cortez as Vice President of Sales and Marketing.

Story at Solarbuzz: <http://www.solarbuzz.com/news/newsNACO602.htm>

Soliant Energy: <http://www.soliant-energy.com/>

7-31-07 Energy Recruiters Expansion

Energy Recruiters, Inc. will expand to serve the renewable energy recruitment business with a focus on offering and delivering executive search and recruitment solutions to organizations and nonprofits of all segments within the renewable energy market. Press at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story?id=49475>

Energy Recruiters: <http://www.energy-recruiters.com/>

See also: <http://www.renewableenergyaccess.com/rea/jobs/help>

7-31-07 Photovoltaic Testing Laboratory

See the story "Solar panels tested at ASU lab" with coverage of the Photovoltaic Testing Laboratory, at:

<http://www.azcentral.com/news/articles/0728b3solar0728.html> or <http://tinyurl.com/32jvrk>

ASU Photovoltaic Testing Laboratory: <http://www.poly.asu.edu/ptl/>

7-31-07 Asahi Glass Expansion

Asahi Glass Company Ltd. of Japan has committed to continue expanding the capacity of its local unit's solar glass cover plant up to 2010 to fully meet the demands of being a regional export hub for solar panels. Story at: <http://www.mb.com.ph/BSNS2007073199026.html>

<http://www.agc.co.jp/english/products/index.html>

7-31-07 Solar in New Jersey

According to this article, New Jersey is at a crossroads with respect to its solar programs. See the story "N.J. a power in solar electricity" at:

<http://www.app.com/apps/pbcs.dll/article?AID=/20070730/NEWS/707300347> or <http://tinyurl.com/2fzodu>

7-31-07 BIPV in Malta

See the story "Malta receives first solar installation" at UPI:

http://www.upi.com/Energy/Briefing/2007/07/30/malta_receives_first_solar_installation/5264/ or
<http://tinyurl.com/yroyf2>

7-31-07 Marketing and Branding Renewable Energy

See the story "Marketing & Branding the Renewable Energy Industry" by Peter Lowenthal at

RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/reinsider/story?id=49479> or
<http://tinyurl.com/ywmyyd>

7-31-07 Solar Powered Web Host

See the story "New Web-host company fully embraces solar" with coverage of GreenestHost™, which is 100% solar powered, at:

http://weblog.infoworld.com/sustainableit/archives/2007/07/greenest_host_d.html?source=rss or
<http://tinyurl.com/2daqpq>

GreenestHost™: <http://www.greenesthost.com/>

In related solar news...

7-31-07 Acciona Energy Financing

Acciona Energy said that it closed \$266 million in long-term financing for its 64-MW Nevada Solar One project. Story at Inside Greentech: <http://www.insidegreentech.com/1543/acciona-closes-long-term-solar-financi> or <http://tinyurl.com/3brs5s> and

Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR840.htm>

UPI: http://www.upi.com/Energy/Briefing/2007/07/30/nevada_solar_one_gets_266m_in_financing/3680/
or <http://tinyurl.com/yvcdb2>

Acciona: <http://www.acciona-energia.com/>

7-31-07 More on PG&E Solar Thermal Purchase

See more on Pacific Gas & Electric's 533-MW Solel Solar Systems deal at Inside Greentech:

<http://www.insidegreentech.com/1522/pg-e-solel-in-553-mw-solar-deal> or <http://tinyurl.com/2uc2xo>

Solel: <http://www.solel.com/>

7-31-07 TrendSetter's New Product

TrendSetter Solar Products revealed its new product called the PiggyBack™, which circulates solar-heated water into the traditional hot water heater. Press at:

http://www.upi.com/Energy/Briefing/2007/07/30/trendsetter_releases_solar_water_heater/9125/ or
<http://tinyurl.com/2zuq9h> and <http://biz.yahoo.com/bw/070726/20070726005829.html?.v=1>

TrendSetter®: <http://www.trendsetterindustries.com/>