

NCPV Hotline — Week of November 17-21 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>

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 November 27 through December 12.

11-17-08 PV System for Schletter GmbH, Germany

Schletter GmbH has installed a PV system with a nominal power over 1.3 MW on the roof of its new company building, incorporating over 18,000 panels from First Solar and 109 inverters from SMA. Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsEUPR533.htm>

Schletter GmbH: <http://www.schletter.de/>

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

SMA: <http://www.sma.de/en.html>

11-17-08 LDK Solar Wafer Contract with BP Solar International

LDK Solar has signed a contract to supply multicrystalline wafers to BP Solar International, Inc. LDK Solar will deliver approximately 435 MW of multicrystalline solar wafers over a 3-year period commencing in 2009 and extending through 2011. Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO855.htm>

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

BP Solar: <http://www.bp.com/genericcountryjump.do?categoryId=9070&contentId=7038143> or <http://tinyurl.com/yvmcvm>

11-17-08 Solyndra Contract with Carlisle Energy Services

Solyndra Inc. said it signed a contract worth up to \$320 million with Carlisle Energy Services.

Press at: <http://www.bizjournals.com/sanjose/stories/2008/11/17/daily4.html> and

<http://biz.yahoo.com/bw/081117/20081117005957.html?v=1>

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

Carlisle: <http://www.carlisle-syntec.com/>

11-17-08 Conergy AG Capital Increase

Conergy's Management and Supervisory Boards have specified the targeted gross proceeds from the capital increase, which was approved at the shareholders' 23 August 2008 meeting.

Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsEUCO676.htm>

The Federal Financial Supervisory Authority approved the share prospectus for the capital increase.

Press at Conergy AG: <http://www.conergy.de/en/desktopdefault.aspx>

11-17-08 Solterra in Quantum Dot Market

Hague Corp. commented on a recently released forecast for the quantum dot market where it competes.

See "Solterra to Compete in \$700 Million Quantum Dot Market" at: <http://tinyurl.com/693jx6>

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

11-17-08 Trina Solar Warehouse Operations in Europe

Trina Solar Limited announced the planned establishment of warehouse operations in Rotterdam in the Netherlands. Press at: <http://biz.yahoo.com/prnews/081117/cnm049.html?.v=4>
Trina Solar: <http://www.trinasolar.com/>

11-17-08 Masdar CPV Testing

Masdar is reportedly planning a second solar competition next year involving up to 8 CPV systems. Press at CPV Today: <http://social.cpvtoday.com/content/masdar-focuses-cpv>
CPV Today: <http://social.cpvtoday.com/node>

11-17-08 GreenField Solar Featured

The startup company, GreenField Solar Corp. in Cleveland, Ohio is featured in the article at: http://blog.cleveland.com/business/2008/11/greenfield_solargreenfield_sol.html or <http://tinyurl.com/588ul3>
GreenField Solar: <http://greenfieldsolar.com/>

11-17-08 The Solar Center PV System for IDA International, Connecticut

The Solar Center announced that it will begin installing a 96-kW PV system for IDA International of Derby, Connecticut, its largest solar installation to date in that state.
Press at: <http://www.prweb.com/releases/2008/11/prweb1612874.htm>
The Solar Center: <http://www.thesolarcenter.com/>
IDA International Inc.: <http://www.ida-intl.com/>

11-17-08 SPG Solar System for Elementary School, California

A 40-kW roof top PV system designed and installed by SPG Solar, Inc. and owned by San Diego Gas and Electric was installed at Del Sur Elementary School as part of the utility's Sustainable Communities Program. Stories at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR1294.htm> and RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/partner/story?cid=1452&id=54089> or <http://tinyurl.com/6y5vww>
SPG Solar: <http://www.spgsolar.com/>
SDG&E Sustainable Communities: <http://www.sdge.com/environment/sustainablecommunities/aboutSustainable.shtml> or <http://tinyurl.com/6kevpb>

11-17-08 Solar Panels for Capitol Building, Colorado

Solar panels have been installed on the state capitol building in Denver, Colorado. "We are trying to lead by example", said Lt. Gov. Barbara O'Brien. Stories at: http://www.denverpost.com/news/ci_11001126 <http://www.rockymountainnews.com/news/2008/nov/17/state-capitol-gets-greener/> or <http://tinyurl.com/65zeck>

11-17-08 China-NREL PV MOU

The Institute of Electrical Engineering under the Chinese Academy of Sciences and the U.S. National Renewable Energy Laboratory signed an MOU under which they will collaborate on PV power generation technologies. Press at: http://news.xinhuanet.com/english/2008-11/17/content_10372022.htm or <http://tinyurl.com/6agfsx>

11-17-08 Unirac System for enXco Project

Unirac Inc. partnered with enXco Inc. to supply a Laminate RapidRac commercial flat roof solution for a 1.8 MW solar array in the U.S. Unirac's Custom Solutions Division designed the ballasted racking system to mount about 25,000 thin-film modules.
Press at: <http://www.electricenergyonline.com/IndustryNews.asp?m=1&id=100837> or <http://tinyurl.com/579qcg>
Unirac: <http://www.unirac.com/>
enXco: <http://www.enxco.com/>

11-17-08 ICP Solar Technologies Hybrid Energy Monitor

ICP Solar Technologies Inc. announced it will begin shipping its new, patented Sunsei(R) GreenMeter this month. Press at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/partner/story?cid=1274&id=54097> or <http://tinyurl.com/5hvo5p>

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

11-17-08 Suzlon Energy Into Solar

According to this press, Suzlon Energy said it is foraying into solar energy and has established sites for developing solar power plants.

Press at: <http://www.business-standard.com/india/storypage.php?tp=on&autono=49617> and

Cleantech(R): <http://cleantech.com/news/3880/suzlon-moves-solar-power> or <http://tinyurl.com/59sngg>

Suzlon: <http://www.suzlon.com/>

11-17-08 Laser Photonics Solar Division Split Off

Laser Photonics has split off its solar division into a separate entity named Advanced Solar Photonics.

Press at: http://www.solarindustrymag.com/e107_plugins/content/content_lt.php?content.2173 or

<http://tinyurl.com/5z59eo>

Laser Photonics: <http://www.laserphotonics.com/>

11-17-08 Renewables Development and Financing, Perspective

See the story "Less Strain On Renewable Energy Than Other Sectors" at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/news/story?id=54060>

11-17-08 PHOTON Conference Series

The program for PHOTON's 1st PV Thin-film Conference on 3 December is available at:

http://www.photon-expo.com/en/usa_2008/pytfc_2008_program.htm

Find more on PHOTON's "Searching for the 'Second Solar' USA" conference series, 2-4 December in

San Francisco, California at: <http://www.photon-expo.com/en/index.htm>

11-17-08 Clean Technologies Summit in India

Mantra Venture Group has been selected to participate in a technology partnership mission to the 14th Technology Summit and Technology Platform – Investments in Clean Technologies, which takes place 5-6 December in New Delhi, India.

Press at: <http://www.mantraenergy.com/2008-news/mantra-invited-to-attend-elite-clean-technologies-summit-in.html>

Summit: http://www.cleanenergy.gc.ca/search/event_e.asp?item=759

http://www.itac.ca/index.php/site/event_details/723/

<http://www.gita.org.in/events.htm>

11-17-08 Amtech Systems at UBS Conference

Amtech Systems, Inc. announced that its President and CEO and its CFO will present at the UBS Global Technology and Services Conference on 20 November. Press at: <http://tinyurl.com/6hew42>

UBS: http://www.ibb.ubs.com/Conferences/co_highlights.shtml

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

11-17-08 U.S. President Elect Transition Project Appointments

David J. Hayes is a member of the Obama-Biden Transition Project's Agency Review Working Group responsible for overseeing review of the energy and natural resources agencies. Department of Energy Review Team Leads are Elgie Holstein, Elizabeth Montoya, and Sue Tierney. Information at:

http://change.gov/learn/energy_and_natural_resources_team_leads

http://change.gov/learn/obama_biden_transition_agency_review_teams or <http://tinyurl.com/63kzt7>

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

11-18-08 Renewable Energy Executive Order, California

Governor Schwarzenegger signed an Executive Order to streamline California's renewable energy project approval process and increase the state's Renewable Energy Standard to 33% renewable power by 2020.

Press at Clean Edge: <http://www.cleandedge.com/news/story.php?nID=5721>

Governor's Office Press and Video: <http://gov.ca.gov/index.php?/press-release/11073/>

Environment California: <http://tinyurl.com/6fecgc>

Greentech Media: <http://www.greentechmedia.com/articles/schwarzenegger-renewable-energy-permitting-process-too-complicated-5198.html> or <http://tinyurl.com/5mh1td>

PV Tech: <http://tinyurl.com/6h3nj7>

11-18-08 PV Crystalox Solar Update

PV Crystalox Solar Plc said in its interim management statement that performance of the Group remains strong with turnover in its core silicon products business significantly ahead of the levels achieved in the second half of last year. Press at: <http://www.rttnews.com/ArticleView.aspx?Id=778380&SMap=1>

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

11-18-08 AMG Results

AMG reported third quarter results.

Press at: http://pr-canada.net/index.php?option=com_content&task=view&id=64485&Itemid=61 or <http://tinyurl.com/6b6ovt>

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

<http://irpages2.equitystory.com/cgi-bin/show.ssp?id=3000&companyName=amgnv&language=English> or <http://tinyurl.com/6zztnk>

11-18-08 MEMC Financial Update

MEMC Electronic Materials provided an update to its 4th quarter financial targets. Press at Solarbuzz:

<http://www.solarbuzz.com/News/NewsNACO857.htm>

MEMC: <http://www.memc.com/default-netscape.asp>

11-18-08 Premier Power Results

Premier Power Renewable Energy, Inc. reported quarterly results.

Press at: <http://www.premierpower.com/>

11-18-08 ARISE Solar Cells for SOLON

ARISE Technologies Corporation reported that it has confirmed with SOLON AG the volume and pricing of PV cells that it will ship to SOLON in 2009. Press at: <http://finance.yahoo.com/news/ARISE-Technologies-Confirms-cnw-13605734.html> or <http://tinyurl.com/5bklwz>

ARISE: <http://www.arisetech.com/>

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

11-18-08 BP Solar Factory in Australia

BP Solar will cease the production of PV cells and panels from its manufacturing plant in Sydney Olympic Park in Australia at the end of March 2009. Press at Solarbuzz:

<http://www.solarbuzz.com/News/NewsASMA208.htm>

BP Solar: <http://www.bp.com/sectiongenericarticle.do?categoryId=9020420&contentId=7038239> or <http://tinyurl.com/55x7tt>

<http://www.bp.com/genericarticle.do?categoryId=9020436&contentId=7049377> or <http://tinyurl.com/56lva2>

11-18-08 Evolution Solar's New Panel

Evolution Solar Corp. will start supplying its new 300 W panel in the first quarter of 2009. Press at:

<http://tinyurl.com/58ahjg>

Evolution Solar: <http://www.evolutionsolar.com/>

11-18-08 Sunovia and EPIR Process Improvements

Sunovia Energy Technologies, Inc. and EPIR Technologies, Inc. announced substantial improvements in their process of growing very high quality single crystal CdTe on silicon.

Press at: <http://finance.yahoo.com/news/Sunovia-and-EPIR-Announce-prnews-13605305.html> or <http://tinyurl.com/6jedtq>

Sunovia: <http://sunoviaenergy.com/>

EPIR: <http://www.epir.com/>

11-18-08 Sungevity Solar Project Estimator Software

Next year, Sungevity will allow other solar installers to use its project estimator for a fee. Press at Greentech Media: <http://www.greentechmedia.com/articles/sungevity-to-sell-solar-software-to-other-installers-5200.html> or <http://tinyurl.com/5p5qc2>

Sungevity: <http://www.sungevity.com/>

11-18-08 Enerqos and ESP Tracker at PV Tech Milano 2008

Enerqos and ESP will be showcasing their new Solar Totem tracker at the PV Tech 2008 exhibition taking place in Milan from 25-28 November. More on the tracker at: <http://tinyurl.com/6bb2dw>

Enerqos: <http://www.enerqos.com/eng/index2.aspx>

PV Tech Milano: http://www.hitechexpo.eu/en/index_pvm.asp

11-18-08 Solargy Systems in Florida and the Caribbean

Solargy Systems Inc. announced that it has secured agreements to install solar systems in Florida and the Caribbean. Press at: <http://tinyurl.com/5js9yd>

Solargy Systems: <http://www.solargysystemsinc.com/>

11-18-08 Clean Energy Market in Florida

Enterprise Florida recently released a Clean Energy Market Brief depicting the state's regional strengths as a manufacturer, consumer, and innovator of clean-energy technology. Information at:

<http://www.eflorida.com/ContentSubpage.aspx?id=6916>

Enterprise Florida: <http://www.eflorida.com/>

11-18-08 Renewables, Solar in France

France will get 23% of its electricity from renewable sources by 2020. The government said it would launch a tender by the end of 2008 to build at least one power plant for each of France's regions by 2011 with a combined total capacity of 300 MW. Press at:

<http://www.forbes.com/afxnewslimited/feeds/afx/2008/11/17/afx5704045.html> or <http://tinyurl.com/5qusnr>

and

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

PV Tech: <http://tinyurl.com/6x2gwj>

11-18-08 Foresight Group European Solar Fund

Foresight Group's European Solar Fund is to invest in PV opportunities in Italy and Greece with the intention of expanding to other Southern European markets in the future. Story at Solarbuzz:

<http://www.solarbuzz.com/News/NewsEU536.htm> and

<http://www.altassets.com/news/arc/2008/nz14615.php>

Foresight Group: <http://www.foresightgroup.eu/solar.php>

11-18-08 Aviva Fund for European Cleantech

The U.K.'s Aviva Investors announced plans to raise a 500 million Euro fund for cleantech investing in Europe. The fund is planned for biomass, biogas, geothermal, solar and wind projects that will then be managed by German developer SachsenFonds Group. Story at Cleantech(R): <http://tinyurl.com/5dpofp>

Aviva Investors European Renewable Energy Fund:

<http://www.aviva.com/index.asp?PageID=55&Year=2008&NewsID=4554> or <http://tinyurl.com/66sge5>

11-18-08 GT Solar International at Investor Events

GT Solar International, Inc. announced that it will participate in the UBS Global Technology and Services Conference and Credit Suisse 2008 Annual Technology Conference.

Press at: <http://tinyurl.com/5937or>

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

UBS: http://www.ibb.ubs.com/Conferences/co_highlights.shtml

<http://tinyurl.com/6d3588>

Credit Suisse: <http://www.csfb.com/conferences/>

In related solar news...

11-18-08 China Solar & Clean Energy Results

China Solar & Clean Energy, Inc. announced its financial results for the quarter ended 30 September.

Press at: http://www.earthtimes.org/articles/show/china-solar--clean-energy_626536.shtml or

<http://tinyurl.com/65rdf9>

China Solar & Clean Energy: <http://www.delisolar.com/>

11-18-08 Adding Solar Thermal to Fossil Energy Power Plants

See more on EPRI's two projects to test adding solar thermal energy to natural gas and coal-fired power plants, at CSP Today: <http://social.csptoday.com/content/epri-test-adding-solar-thermal-energy-fossil-power-plants> or <http://tinyurl.com/5v2qsf>

<http://www.lvrj.com/business/34633729.html>

<http://www.chron.com/disp/story.mpl/business/6111608.html>

11-19-08 SCHOTT Contract with Enerpoint S.p.A.

SCHOTT Solar and Enerpoint S.p.A. have signed a long-term supply contract for the delivery of 35 MW of polycrystalline silicon modules. Through this contract, Enerpoint becomes the official dealer for SCHOTT Solar modules in Italy. Press at: <http://www.solarbuzz.com/News/NewsEU0679.htm>

SCHOTT Solar: <http://www.schott.com/english/index.html>

Enerpoint: <http://www.enerpoint.it/>

11-19-08 Suntech Energy Solutions 1-MW PV System for The North Face [Sean Gibson]

The North Face(R) announced the completion of a 1-MW PV system in Visalia, California – designed, engineered and installed by Suntech Energy Solutions and financed, owned and operated by Recurrent Energy. All electricity from the system will be sold to The North Face under a Power Purchase Agreement.

Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR1296.htm>

RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/news/story?id=54116>

The North Face Green Initiatives: <http://www.environmentalleader.com/2008/08/12/north-face-announces-more-green-initiatives/> or <http://tinyurl.com/5puz5j>

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

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

11-19-08 ProLogis 1-MW PV System, Japan [Andrew Torbin]

ProLogis sad it will install its first PV system in Japan. The company will install a 1-MW PV system at ProLogis Parc Zama I, a distribution facility in Kanagawa Prefecture. Press at:

<http://www.rttnews.com/ArticleView.aspx?id=779893&SMap=1>

Press at ProLogis: <http://ir.prologis.com/investors/releasedetail.cfm?ReleaseID=348641>

11-19-08 Company Results

ReneSola reported third quarter 2008 results. Press at Solarbuzz:

<http://www.solarbuzz.com/News/NewsASCO363.htm>

ReneSola: <http://www.Renesola.com/>

S.A.G. Solarstrom AG reported third quarter 2008 results.

Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsEU0677.htm>

S.A.G. Solarstrom: <http://www.solarstromag.de/>

11-19-08 Company Results - continued

Worldwide Energy and Manufacturing USA announced results for the third quarter 2008.

Press at: <http://money.cnn.com/news/newsfeeds/articles/marketwire/0453790.htm> or
<http://tinyurl.com/5dxjsa>

Worldwide: <http://www.wwmusa.com/>

Trina Solar announced third quarter 2008 results. Press at: <http://tinyurl.com/5mz2o4>

Trina Solar: <http://www.trinasolar.com/>

LDK Solar reported financial results for the third quarter 2008.

Press at: <http://finance.yahoo.com/news/LDK-Solar-Reports-Financial-prnews-13616014.html> or
<http://tinyurl.com/6d995y>

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

11-19-08 Sino-American Silicon Products Capacity

According to this press, Sino-American Silicon Products Inc. said it will boost its capacity 40-50% next year.

Press at: <http://www.hemscott.com/news/static/tfn/item.do?newsId=70415990273369> or
<http://tinyurl.com/5jr4h3>

Sino-American Silicon Products: http://www.saswafer.com/index/index_en.aspx

11-19-08 Azure Power Funding

Azure Power announced the closing of a Series A funding from Helion Venture Partners and Foundation Capital, which will be directed towards scaling up Azure Power's operations in India.

Press at: <http://tinyurl.com/5c9mn4>

Azure Power: <http://www.azurepower.com/>

Helion Venture Partners: <http://www.helionvc.com/>

Foundation Capital: <http://www.foundationcapital.com/>

11-19-08 Satcon Technology Corporation Agreement with Samsung

Satcon Technology Corporation announced that it has entered into a 3-year, 180-MW agreement with Samsung C&T Corporation. In addition to supplying Samsung with Satcon PowerGate(TM) Plus inverters for its own solar power plant development around the globe, the agreement provides Samsung the exclusive right to market and sell Satcon solutions in the Korean renewable energy market.

Press at: <http://tinyurl.com/5w7o52>

Satcon: <http://www.satcon.com/>

11-19-08 Xantrex Inverters for PV System at Denver International Airport

Xantrex Technology Inc. supplied 10 3-phase 225 kW inverters for the 2-MW solar installation at Denver International Airport in Colorado, which was designed and installed by WorldWater & Solar Technologies Corp. Press at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/partner/story?id=54108>

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

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

11-19-08 G24 Innovations CEO [Oliver Williams]

G24 Innovations announced the appointment of John Hartnett as Chief Executive Officer.

Press at G24i: http://www.g24i.com/press_g24i-names-john-hartnett-as-chief-executive-officer_147.html or
<http://tinyurl.com/6rvkj4>

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

11-19-08 Google CEO on Energy

The U.S. should use part of any future economic stimulus package to connect wind turbines and solar energy to the nation's electricity grid, said Google Inc Chief Executive Eric Schmidt, an advisor to President-elect Obama. See "Google CEO Schmidt lays out U.S. energy ideas" at Reuters:

<http://www.reuters.com/article/vcCandidateFeed2/idUSTRE4AH8LC20081118> or <http://tinyurl.com/6hga9h>

See also "Google CEO urges government to spur technology" at:

<http://washingtontimes.com/news/2008/nov/19/google-ceo-urges-government-to-spur-technology/> or
<http://tinyurl.com/5l8ztq>

Google: <http://www.google.com/corporate/execs.html#eric>

11-19-08 PV Activities in Japan and Global PV Highlights

The November 2008 issue of "PV Activities in Japan and Global PV Highlights" is available [by subscription] with coverage of PV highlights in Japan, global PV highlights, a monthly PV photo gallery, and topics from Japan and the world (for example production capacity expansion of polysilicon manufacturers). Information at RTS Corporation: http://www.rts-pv.com/e_publications.html

11-19-08 Solar Panel Overcapacity

See the article "Solar panel overcapacity expected in 2009, says The Information Network" at DigiTimes: <http://www.digitimes.com/news/a20081118VL201.html>
The Information Network: <http://www.theinformationnet.com/>

11-19-08 Rooftop Solar Installations, Massachusetts

According to this press, Governor Deval Patrick is expected to set a new environmental goal for the state by using rooftop solar installations to improve the energy efficiency of new big box stores and other retail developments. Press at: <http://tinyurl.com/6k62x9>
Governor's Office: <http://www.mass.gov/?pageID=gov3homepage&L=1&L0=Home&sid=Agov3> or <http://tinyurl.com/2dhf8p>

11-19-08 New York Power Authority RFI for Solar Power

The New York Power Authority has issued a formal Request for Information in connection with its plans to purchase solar power on behalf of the Metropolitan Transportation Authority and its operating agencies. Information at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR1297.htm>
Request for Information: <http://www.nypa.gov/doingbusiness/powerpurchase/solarrfi.htm>

11-19-08 WorldWater & Solar Technologies Project Award

WorldWater & Solar Technologies Corp. announced that the San Benito, Texas Solar Energy Project has been chosen by the Texas Renewable Energy Industries Association as "Texas Renewable Energy Project of the Year". Story at: <http://tinyurl.com/6opdv8>
WorldWater & Solar Technologies: <http://www.worldwater.com/>

11-19-08 More on Colorado Capitol Building Solar

Bella Energy's 10-kW solar electric system on the Colorado State Capital is part of the Governor's Energy Office "Greening Government" project. More in the press at: <http://tinyurl.com/68eddl>
Bella Energy: <http://www.bellaenergy.com/>
Governor's Energy Office: <http://www.colorado.gov/energy/greening/index.asp>

11-19-08 Wind and Solar Powered Billboard, New York

The first eco-friendly billboard is coming to Times Square, entirely powered by the sun and wind, with 16 wind turbines and 64 solar panels. Press at: <http://www.nytimes.com/2008/11/15/nyregion/15billboard.html?ref=science> or <http://tinyurl.com/63e7qj>

In related solar news...

11-19-08 Space and Water Heating System

Your Solar Home Inc. introduced SolarSheat(R) Hot Water, a dual mode space heating and domestic solar hot water system without glycol for residential use. Press at: <http://tinyurl.com/5pvaw4>
Your Solar Home: <http://www.yoursolarhome.com/>

NOTE: On 11/20 NREL switched to a different server with newer software for the mail utility that sends the NCPV Hotline. NREL-internal addresses received the mailing, but not external addresses. Today's NCPV Hotline includes content for both 11/20 and 11/21.

11-20-08 Conergy Group 3-MW PV Project, Pennsylvania

Conergy and its subsidiary EPURON announced the completion and sale of the Exelon-Conergy Solar Energy Center. The 3-MW project is located on a Waste Management landfill site outside of Philadelphia. Conergy's Project Group provided design, engineering and installation for the system, with EPURON providing financing. Exelon Generation, LLC is purchasing the power and renewable energy credits through a long-term power purchase agreement. Press at Conergy:

<http://www.conergy.de/en/desktopdefault.aspx>

EPURON: <http://www.epuron.us/desktopdefault.aspx/tabid-742/>

Exelon Corporation: <http://www.exeloncorp.com/>

11-20-08 COLEXON 3.04 MWp Power Plant, Germany

Officials inaugurated a 3.04 MWp rooftop power plant with First Solar modules commissioned by COLEXON Energy AG in Thuringia. Press at: <http://tinyurl.com/5cq66k>

11-20-08 Phoenix Solar Syndicated Loan [Isabell Struwing]

Phoenix Solar AG has secured a syndicated loan of EUR 150 million. More on the syndicate in the press at: <http://tinyurl.com/5aqkht>

11-20-08 SunRun Financing

SunRun announced it has received an initial tax equity commitment from an affiliate of U.S. Bancorp as part of the financing for up to 2,000 residential solar facilities. Story at:

<http://finance.yahoo.com/news/SunRun-Closes-Project-prnews-13629883.html> or <http://tinyurl.com/6em8yo>

RenewableEnergyWorld: <http://www.renewableenergyworld.com/rea/news/story?id=54125>

Cleantech(R): <http://www.cleantech.com/news/3894/sunrun-raises-105-million-solar-ppa> or

<http://tinyurl.com/66cm3q>

Greentech Media: <http://tinyurl.com/5qdad8>

SunRun: <http://www.sunrunhome.com/>

11-20-08 Sharp Energy Solution Europe

Operating as a separate division of Sharp Electronics Europe, the Sharp Energy Solution Europe Division has been responsible for the pan-European solar business and will now be led under the new operating title by Hiroshi Sasaoka as President with Peter Thiele as Executive VP. See the story "Sharp's new division targets European PV market" at PV Tech: <http://tinyurl.com/5h45gs>

Sharp Press: <http://www.sharp.eu/cps/rde/xchg/se/hs.xsl/-/html/9027.htm>

11-20-08 JA Solar and BP Collaboration

JA Solar Holdings Co., Ltd. and BP Alternative Energy Holdings Limited announced their intention to jointly develop and market part of their PV product portfolio over the next 5 years. Press at:

<http://finance.yahoo.com/news/JA-Solar-and-BP-Intend-to-prnews-13632058.html> or

<http://tinyurl.com/6fy4kt>

JA Solar: <http://www.jasolar.com/Web/index-en.asp>

BP Solar: <http://www.bp.com/genericcountryjump.do?categoryId=9070&contentId=7038143> or

<http://tinyurl.com/yvmcvm>

11-20-08 Wacker Chemie Production Expansion

Wacker Chemie officially launched a new polysilicon production line at its site in Burghausen, Germany.

Press at: <http://www.eetimes.com/news/latest/showArticle.jhtml?articleID=212101025> or

<http://tinyurl.com/6pgq6u>

Wacker Chemie press: http://www.wacker.com/cms/en/press_media/press-releases/pressinformation-detail_20041.jsp or <http://tinyurl.com/6qgzer>

11-20-08 Terni Energia Installation Plans

Italian solar power company Terni Energia aims to double newly installed capacity next year and boost growth by an average of 50% by 2011. Terni Energia plans to install 11 MW of new capacity in 2008 and another 22 MW in 2009. Press at Reuters: <http://tinyurl.com/5j3a7v>
TerniEnergia: <http://www.ternienergia.it/index.aspx>

11-20-08 Suntech Results

Suntech Power Holdings Co., Ltd. announced financial results for the third quarter ended 30 September. Press at: <http://finance.yahoo.com/news/Suntech-Reports-Third-Quarter-prnews-13628983.html> or <http://tinyurl.com/6s9jpk>
Suntech: <http://www.suntech-power.com/en/>

11-20-08 U.S. DOE RFI, PV Community Project – Fielded PV Systems and Components Data

The Request for Information, "PV Community Project – Fielded Systems and Components Data", is posted at: <http://tinyurl.com/55ks89>
<http://tinyurl.com/6n2usz>
<http://e-center.doe.gov/>
DOE Solar Energy Technologies Program: <http://www.eere.energy.gov/solar/>

11-20-08 PHOTON International November 2008 Contents

The table of contents for the November 2008 issue of PHOTON International, as well as several live links for articles in November, are available at: <http://www.photon-magazine.com/>
<http://www.photon-magazine.com/photon/index.htm>

11-20-08 Sputnik Engineering New Production Facility

Sputnik Engineering announced its intention to open a new production facility in Biel, Switzerland. Press at: <http://tinyurl.com/5oz7c9>
Sputnik Engineering: <http://www.solarmax.com/>

11-20-08 Solar-powered Outdoor Lighting, Massachusetts [Jennifer Ketcham, Justin Garland]

Massachusetts Maritime Academy has completed the largest installation of solar-powered outdoor lighting in New England. SolarOne(R) Solutions with Hadco(R) Lighting provided the 62 solar-powered LED lighting post systems for the academy's campus. Press from SolarOne Solutions: <http://www.solarone.net/news/press.cfm?ID=B52A8291%2D1EC9%2D2D89%2D370517F63AF93171&test> or <http://tinyurl.com/6z4kwr>
<http://www.solarone.net/>
Hadco: <http://www.hadco.com/Hadco/Home.aspx>

11-20-08 Carmanah Order

Carmanah Technologies Corporation has received an order valued at approximately \$700,000 to supply solar-powered portable airfield lights for Bariven S.A. in Venezuela. Press at: <http://tinyurl.com/5hx37b>
Carmanah: <http://www.carmanah.com/>

11-20-08 Solar-powered Wi-Fi

Mesh Wi-Fi provider Meraki is going green with a new solar-powered repeater. Press at: http://news.cnet.com/8301-1035_3-10102739-94.html
Meraki: <http://meraki.com/about/>

11-20-08 Dyesol and Corus SMARTCymru Project

Dyesol said it received the first milestone payment under the SMARTCymru project in which the company is teamed with Corus. Press at Dyesol: <http://tinyurl.com/5rygyp>
Dyesol February 2008 Press: <http://tinyurl.com/5bds5d>

11-20-08 Sun Well Solar IEC Certification

Amorphous silicon module maker Sun Well Solar obtained an IEC 61646 performance certification and an IEC 61730 safety certification from TUV Rheinland. Press at DigiTimes:

<http://www.digitimes.com/news/a20081119PD214.html>

Sun Well Solar: <http://www.sunwellsolar.com/>

11-20-08 ReneSola VP of Manufacturing

ReneSola announced Mingde Wang as the VP of manufacturing. Story at PV Tech:

<http://tinyurl.com/5qkd47>

ReneSola: <http://www.renesola.com/>

11-20-08 Sunrise Global Solar Energy CTO

Sunrise Global Solar Energy named Dr. Ximing Dai as the company's new Chief Technology Officer.

Press at PV Tech: <http://tinyurl.com/55m7u6>

Sunrise Global Solar Energy: <http://www.sunriseglobalsolar.com/>

11-20-08 Policy Working Group, Obama Transition Team

Carol Browner will head up the policy working group for energy and environmental policies said the Obama transition team. More at: <http://www.politico.com/news/stories/1108/15781.html>

http://change.gov/learn/policy_working_groups/

11-20-08 Interstate Renewable Energy Council State & Stakeholder Newsletter [Jane Pulaski]

The latest issue of IREC's State & Stakeholder Newsletter is available with coverage of state news, the interview of the week, current and best practices, grants/RFPs, and more at: <http://tinyurl.com/6cn96j>

IREC: <http://www.irecusa.org/index.php?id=9>

11-20-08 Efficiency of Multijunction Concentrator Cells

For a discussion of the efficiency of multijunction concentrator cells, see CPV Today at:

<http://tinyurl.com/6b3dse>

The Concentrated Photovoltaics Summit USA 2009 is set for 3-34 February in San Diego, California.

Information at: <http://www.cpvtoday.com/usa/programme.shtml>

11-20-08 PHOTON Conference Series

For the agenda for PHOTON's 1st PV Start-up Conference, 2 December in San Francisco, go to:

http://www.photon-expo.com/en/usa_2008/pvsuc_2008_program.htm

http://www.photon-expo.com/en/usa_2008/pvsuc_2008.htm

More on the entire conference series, 2-4 December at: http://www.photon-expo.com/en/usa_2008/sss_2008.htm

http://www.photon-expo.com/en/usa_2008/sss_2008.htm

11-20-08 Solar Innovation & Investment USA

Solar Innovation & Investment USA is set for 2-3 December in New York. See speakers and panelists on the agenda at: http://greenpowerconferences.com/renewablesmarkets/solar_usa.html

11-20-08 Solar Power Generation USA

Solar Power Generation USA, Driving the Development of Large-Scale Solar Energy Projects, is set for 21-22 January 2009 in Las Vegas, Nevada. Information at:

http://www.greenpowerconferences.com/renewablesmarkets/solar_power_usa.html or

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

11-20-08 EPIA International Thin Film Conference Highlights [Sophie Lenoir]

Over 350 PV professionals gathered for the 1st EPIA International Thin Film Conference on 13 November in Munich, Germany. See press coverage from EPIA at:

http://www.epia.org/fileadmin/EPIA_docs/documents/press/PR_081114_TFC.pdf or

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

Conference Website: <http://www.thinfilconference.org/>

EPIA: <http://www.epia.org/index.php?id=29>

11-20-08 Organic Photovoltaics

Organic Photovoltaics is set for 27-29 April 2009 in Philadelphia, Pennsylvania. Information at: <http://www.organicphotovoltaics2009.com/>

11-20-08 Sunrise Powerlink Debate

See more on to the Sunrise Powerlink debate at Greentech Media:
<http://www.greentechmedia.com/articles/new-proposal-favors-sunrise-powerlink-5218.html> or
<http://tinyurl.com/582s4s>

11-20-08 Lumeta Product Award

Lumeta, Inc. announced that its Solar S Tile was honored as a first round winner in the Green EcoDesign category of the Spark Design Awards 2008 competition.

Press at: <http://tinyurl.com/5pwr7b>
Lumeta: <http://www.lumetasolar.com/>

11-20-08 Worldwide Solar Technology Report

Research and Markets announced the addition of WinterGreen Research, Inc.'s new report "Worldwide Solar Technology Market Shares, Forecasts, and Strategies, 2008-2014" to its offering.

Press at: <http://finance.yahoo.com/news/Research-and-Markets-This-bw-13631655.html> or
<http://tinyurl.com/5z8eka>
Research and Markets: http://www.researchandmarkets.com/research/da7b21/worldwide_solar_te or
<http://tinyurl.com/56sphq>

11-21-08 Signet Solar Production and Shipments

Signet Solar announced the production and shipment of the first MW of panels from its manufacturing facility in Mochau, Germany.

Press at: <http://biz.yahoo.com/bw/081120/20081120005745.html?.v=1>
PV Tech: <http://tinyurl.com/574kkj>
Signet Solar: <http://www.signetsolar.com/>

11-21-08 SCHOTT New Manufacturing Facility

See coverage of SCHOTT's new manufacturing facility in New Mexico at:

http://biz.yahoo.com/ap/081120/nm_schott_economy.html?.v=1
Previous press: <http://www.us.schott.com/english/news/press.html?NID=211>
<http://albuquerque.bizjournals.com/albuquerque/stories/2008/08/25/story10.html> or <http://tinyurl.com/5vtyer>

11-21-08 OPEL International CPV System, Connecticut

OPEL International Inc. announced it has installed and activated a 9.5-kW grid-tied solar installation at The Sports Zone in Trumbull, Connecticut. The installation is a complete, turnkey system that features OPEL's Mk-I high-concentration PV panels, along with OPEL's Mk-III low-concentration PV panels, all mounted on OPEL's SF-20 dual-axis tracker systems. Press at RenewableEnergyWorld:

<http://www.renewableenergyworld.com/rea/partner/story?cid=6643&id=54136> or <http://tinyurl.com/6ox5lj>
OPEL: <http://www.opelinc.com/>

11-21-08 Apollo Solar Energy Plant

Apollo Solar Energy, Inc. in the People's Republic of China announced that in October it completed its Phase I construction of the 15-hectare Solar Photovoltaic Industry Park.

Press at: <http://biz.yahoo.com/prnews/081121/cnf017.html?.v=48>

11-21-08 FULLSPECTRUM Project Multijunction Solar Cells

According to this press, scientists working in the European Commission-financed project FULLSPECTRUM have developed multijunction solar cells with 39.7% efficiency.

Press at Science Daily: <http://www.sciencedaily.com/releases/2008/11/081120162704.htm>
FULLSPECTRUM: <http://www.fullspectrum-eu.org/>

11-21-08 TGI Solar Power Group Establishment of Solar Power Italy

TGI Solar Power Group Inc. announced that it established Solar Power Italy Srl to launch a range of solar products and systems for the Italian residential, commercial and solar power plant markets.

Press at: <http://tinyurl.com/5mp6kt>

TGI Solar Power Group: <http://tgisolargroup.com/>

11-21-08 Canadian Solar Results

Canadian Solar reported third quarter 2008 results. Press at: <http://tinyurl.com/6a68lo>

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

11-21-08 SunPower PV System at Museum, California

SunPower, Helio Micro Utility and the San Jose Tech Museum of Innovation joined with San Jose Mayor Chuck Reed and other local officials to dedicate a 185-kW PV system that will be showcased at The Tech. "Solar power is integral to San Jose's Green Vision," said Reed. Designed and installed by SunPower, the system features SunPower(R) T10 Solar Roof Tiles with SunPower solar panels.

Press at: <http://tinyurl.com/5nwz3q>

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

Helio Micro Utility: <http://www.heliomu.com/>

San Jose Green Vision: <http://www.sanjoseca.gov/mayor/goals/environment/GreenVision/GreenVision.asp> or <http://tinyurl.com/3s7bsf>

The Tech press: <http://www.thetech.org/about/press/index.php?id=176>

11-21-08 Additional SEPA Phone Seminars on Using the Solar Advisor Model (SAM) [Jessica Sliva]

The Solar Electric Power Association announced Special December Phone Seminars, "How to Use the SAM Model for Both PV and CSP" with PV on December 15 and CSP on December 16. Information and registration at SEPA: <http://www.solarelectricpower.org/>

<http://www.solarelectricpower.org/index.php?page=sepaevents>

11-21-08 More on Governor Deval Patrick's Solar Goal, Massachusetts

See the story "Patrick pushes solar for big-box stores" at:

http://www.boston.com/news/local/breaking_news/2008/11/patrick_pushes.html or <http://tinyurl.com/6y92l4>

11-21-08 Photovoltaics Summit 2009 [Sheri Bonnell]

The Photovoltaics Summit 2009 is scheduled for 1-3 June in San Francisco, California. Two pre-conference seminars will be held on 1 June. Information at: <http://www.photovoltaicssummit.com/>

11-21-08 Photovoltaics Summit Europe 2009 [Sheri Bonnell]

The Photovoltaics Summit Europe 2009 is scheduled for 30 June to 2 July in Rome, Italy. Information at: <http://www.pvsummiteu.com/>

11-21-08 Photovoltaics World Magazine, Two New PV Exhibitions

PennWell Corporation announced that it will launch Photovoltaics World magazine, with the first issue of the bimonthly magazine to be published in March 2009. PennWell also announced two new Photovoltaics World Exhibitions to be held in the U.S. and Europe in 2010 in conjunction with the company's existing Renewable Energy World Conferences & Exhibitions.

Press at: <http://biz.yahoo.com/prnews/081120/lath529.html?v=27>

PennWell: <http://www.pennwell.com/>

11-21-08 DOE Entrepreneur-In-Residence Program

The U.S. Department of Energy plans to expand its current Entrepreneur-In-Residence program, which aims to accelerate deployment and commercialization of advanced clean energy technologies from DOE's National Labs, from three National Labs to eight. See more on the solicitation in the story at Cleantech(R):

<http://cleantech.com/news/3893/us-doe-puts-out-call-more-cleantech-eirs> or <http://tinyurl.com/5bg7rp> and DOE Press: <http://www.energy.gov/news/6750.htm>

In related solar news...

11-21-08 Concentrating Solar Thermal Power 2009 [Sheri Bonnell]

Concentrating Solar Thermal Power 2009 is scheduled for 4-5 June in San Francisco, California.
Information at: <http://www.cstpower-conference.com/>

11-21-08 Solar Thermal in North Carolina

Appalachian Solar Energy announced it has been acquired by Vanir Energy LLC, a subsidiary of Vanir Group of Companies Inc. According to press, the announcement means that \$14 million will be invested in solar thermal technology projects throughout North Carolina in 2009. Vanir Energy will own and operate the solar thermal systems it installs. Press at: <http://www.prweb.com/releases/2008/11/prweb1647224.htm>
<http://www.citizen-times.com/apps/pbcs.dll/article?AID=200881120081> or <http://tinyurl.com/5da2ev>
<http://www.blueridgenow.com/article/20081121/news/811200245>

Appalachian Energy: <http://www.appalachianenergy.com/>

Vanir: <http://www.vanir.com/>