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Solgløtt

Nyhetsbrev fra
Norsk solenergiforening
Årg. 7 Nr. 9 Sep 2005

Stork AS ny norsk leverandør av solvarme

Fra oktober 2005 lanserer Stork AS ExoHeat solenergisystem med høyeffektive vakuumsolfangere og tanker. ExoHeat solfangere med heatpipe varmer opp tappevann/hus og gir energibesparelser på opp til 70%.

Mer info:
http://www.stork.no/index.php?idm=1&module=2&prs=pn|105|lang|no

Alf Bjørseth leaves REC

Dr Alf Bjorseth, founder and former President and CEO of the solar energy company Renewable Energy Corporation, has decided to leave the company to concentrate on new entrepreneurial projects.

In 1995, Dr Bjorseth, along with Mr Reidar Langmo, established ScanWafer in Glomfjord, which has since become the world's largest producer of silicon wafers for the solar energy industry.

Mer info: http://www.recgroup.no/article/view/31762.html

The REC Group reports continued growth

The REC Group reports continued growth in revenues and earnings for Q2 2005, through increased capacity and improved production efficiency.

Revenues grew 29 percent and reached NOK 490 million EBITDA reached NOK 138 million, an increase of more than 100%.

EBIT reached NOK 80 million in Q2 2005 compared to NOK 29 million in 2Q 2004.

At the beginning of August, REC finalized the strategic acquisition of ASiMI.

Mer info: http://www.recgroup.no/article/view/31764.html

USA: Oregon lawmakers quadruple state's credits for residential solar projects

In rainy Oregon, solar energy has not been a huge draw. But fans of the renewable power systems are hoping that

will change, now that Oregon lawmakers have quadrupled the state's credits for residential solar projects. Current law allows state residents to receive a tax credit worth as much as $1,500 per calendar year if they install photovoltaic cells or solar water heaters that generate 500 watts of power. The new law, which takes effect on Jan. 1, 2006, allows residents to get rebates for 2,000 watts of photovoltaic capacity, and then can qualify for a total of $6,000 in credits over four years - or $1,500 a year.

Mer info:
http://www.theworldlink.com/articles/2005/09/15/news/news13.txt

Tyskland: øker støtten til solvarme kombianlegg

Ab Juli erhöht sich der Zuschuss für Solaranlagen auf 135 Euro pro Quadratmeter Kollektorfläche – wenn die Anlage warmes Wasser und Wärme für die Heizung liefert.

Gleichzeitig sinkt der Fördersatz zur reinen Solar-Warmwasserbereitung auf 105 Euro. Damit übernimmt der Bund rund 15 Prozent der Kosten eines Solar-Kombisystems, wie z. B. SolvisIntegral, für ein Ein- bis Zweifamilienhaus.

Mer info:
http://www.solvis.de/1_aktuell/aktuelles/05_06_23NeueFoerdersaetze.asp

Spain: 5 MW solar tracking PV plant

A 5 MW solar tracking PV plant with a total surface exceeding 3.5 million sq. ft. using 500 2-axis solar trackers will be installed in Caravaca de la Cruz (population: 22,880) in Murcia, Spain by Soltec Energias Renovables.

Mer info:
http://www.renewableenergyaccess.com/rea/news/story?id=36313

USA: SDG&E Signs Solar Thermal Electric and Other Renewable Energy Pacts

San Diego Gas & Electric has contracted to buy 300 megawatts of solar thermal electric power, with the potential to grow to 900 MW within 10 years. The project would be one of the largest solar thermal electric facilities in the world when fully constructed. The utility also announced the purchase of approximately 4 MW of energy and capacity from a local biogas landfill project.
Mer info:
http://www.solarbuzz.com/News/NewsNAPR543.htm

Spain: Spanish Government Raises Target For Solar PV Installations

The Spanish Government has approved a new renewable energy plan for the period 2005-2010 that envisages renewable energy sources accounting for 12 per cent of the country's overall energy needs and 30 per cent of total electricity consumption by 2010.

The plan places emphasis on wind energy, raising the 13,000 Megawatt target for the capacity of wind-powered electricity plants set by the previous government to 20,155 Megawatts.

The new target for cumulative installed generation capacity from solar photovoltaics in 2010 has been increased from 150 Megawatts to 400 Megawatts.

The national plan also aims to have 500 Megawatts of thermoelectric solar power generation capacity installed by the end of the five-year period.
Mer info:
http://www.solarbuzz.com/News/NewsEUGO47.htm

Portugal: Verdens største solkraftverk

Et energiselskap skal bygge verdens største solkraftverk i den sørportugisiske byen Moura. Byggingen starter neste år og anlegget skal ha 350.000 solcellepaneler over et område på drøyt én kvadratkilometer. Kraftverket gjør det mulig å produsere 62.000 kilowatt strøm fra en fornybar energikilde. Solkraftverket som bygges av BP Solar, skal etter planen stå ferdig i 2009. Prisen er om lag 250 millioner euro.

Portugal i dag er svært avhengig av olje i energiforsyningen. (NRK-AFP)
Mer info:
http://www.nrk.no/nyheter/utenriks/5052327.html

Solar Lighting Shipments Respond to Crisis Relief Effort

Since Hurricane Katrina, Carmanah Technologies has diverted all of its inventory and production in daily shipments to the Gulf Coast, where more than 500 orders for its solar-powered LED lighting to meet immediate marine, railway and aviation rebuilding efforts. As agencies assess their rebuilding needs, more orders are coming in for the lights as they are self-contained, can be installed anywhere in minutes and operate reliably for years without need of external electrical infrastructure. The company will catch up on backorders for its distributors after the need has been met. Carmanah has previously provided its solar-powered LED lighting technology for relief efforts in Sudan and Haiti.

Mer info: http://www.carmanah.com/

Tips: "Att konvertera från el till pellet och sol"

"Att konvertera från el till pellet och sol", artikel i VVS-tidningen oktober 2004 av dokorand Thomas Persson ved SERC kan lastes ned her: http://dalea.du.se/research/archive/5440f684-326e-4270-bf2b-24f4a25575f1/c496be10-32b2-4083-8b01-a47a2c18c65f.pdf

Mer info:
http://www.du.se/templates/NewsArchive____3155.aspx

High-Efficiency Solar Cells Using Photonic-Bandgap Materials

Solar photovoltaic cells would be designed to exploit photonic- bandgap (PBG) materials to enhance their energy-conversion efficiencies, according to a proposal. Whereas the energy- conversion efficiencies of currently available solar cells are typically less than 30 percent, it has been estimated that the energy-conversion efficiencies of the proposed cells could be about 50 percent or possibly even greater.

Mer info:
http://www.rednova.com/news/display/?id=241288&source=r_science

Sveits: Passivhus med både PV, vakumrør-solfangere og varmepumpe

Das 6-Familienhaus Sunny Woods: moderne solare Architektur mit High-Tech- Photovoltaik, Röhrenkollektoren als Balkonbrüstungen und eine Fassade aus Zedernholz.

Mer info:
Arkitektur/Prosjekt: http://www.iea-shc.org/task28/final_reps/Switzerland_Zurich.pdf
PV-system/Teknisk:
http://apache.solarch.ch/pdf/SB05SunnyWoods.pdf
Arkitektur/Energi/Passivhus:
http://www.homeenergy.org/graphics/HomeEnergy_20-5_feature.pdf
Vakum-kollektor: B. Schweizer Energie AG:
http://energy.sourceguides.com/businesses/byP/solar/sWH/byGeo/byC/Switzerland/Switzerland.shtml
PV i Sveits: http://www.oja-services.nl/iea-pvps/nsr03/download/che.pdf
Pilot- og demoprosjekter i Sveits: http://www.empa-ren.ch/REN%20english/P+D/P+D-Kategorien_E.htm

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