

Repowering Indiana Weekly - 1/12/07

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- Climate change faster in Australia: scientists
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- European consortium reaches important milestones in solar energy research
- Konarka's Chief Scientist Awarded 2006 Eni Italgas Science and Environment Prize for Plastic Solar Cells

- NEC develops solar-power system for LCD monitors
- NEC Display Solutions Introduces Solar-Powered Battery Package for Renewable-Power Capability Monitors

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Nuclear Energy

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LOCAL

Proposed biofuels plant could process sawdust instead of corn

1/9/2007

An ethanol company hoping to build a biofuels processing plant in central Indiana is considering using wood pulp instead of corn in its production.

John Webster, a representative for Heartland Renewable Fuels LLC, said corn supplies might not be plentiful enough to support the state's future ethanol production. So instead, the company will focus on green hardwood cellulose, made from sawdust and lumber industry byproducts.

In October, Webster announced Heartland was studying whether it would build an ethanol plant in or near Morgan County, just south of Indianapolis.

<http://www.fortwayne.com/mld/newssentinel/16419384.htm>

Vectren plan strikes nerve

1/9/2007

Danesha Stokes wasn't planning to attend Monday's Indiana Utility Regulatory Commission field hearing until she received her most recent Vectren bill.

Except for her mortgage payment, the bill is usually her most expensive.

"It just keeps going up, and I don't understand it," Stokes said Monday night. "Vectren is almost the highest one every month. I don't make \$150,000. It's a struggle."

Stokes was one of more than 200 people who packed a meeting room at The Centre for a hearing to collect public opinion on a request by Vectren Corp. to increase its electric and natural gas base rates in its Southern Indiana territory.

<http://www.courierpress.com/news/2007/jan/09/vectren-plan-strikes-nerve/?ebj=1/>

Ozone Reduction in Allen County Recognized by Federal Agency

1/8/2007

The Indiana Department of Environmental Management (IDEM) received approval for Allen County 's redesignation to "attainment" for the federal health-based air quality ozone standard. IDEM submitted the formal request to the United States Environmental Protection Agency (U.S. EPA) in May 2006.

<http://www.munciefreepress.com/news/story/2007/1/8/193717/7108>

NATION

Building powered by the sun and wind

1/11/2007

Welcome to Westmoreland County's first conservation campus, where people interested in alternative energy technology have revamped a rather ordinary, 25-year-old, 23,000-square-foot commercial building into a green space. GreenForge, which the building now is named, opened last month and will house a number of nonprofit agencies that will set up offices heated and cooled by geothermal energy and powered by sun and wind.

<http://www.post-gazette.com/pg/07011/752705-54.stm>

SolarCraft Completes North Bay Storage Solar Electric System

1/10/2007

Novato-based SolarCraft announced today it has completed the design and installation of a 35kW solar electric system for North Bay Self Storage and Southpoint Lofts in Petaluma, CA

The recently completed PV system provides 85% of North Bay Self Storage's electrical needs on an annual basis for the company's 78,000 square foot building. A sound investment, the system will pay for itself in approximately 6 years.

<http://www.renewableenergyaccess.com/rea/partner/story?id=47078>

Clean air coalition says power plant claims are unverified

1/10/2007

Members of the Sequoyah County Clean Air Coalition (SCCAC) said in a press release last month that Sallisaw officials can not show that a proposed coal plant will boost the area's economy.

But Sallisaw Mayor Shannon Vann said it's common sense.

"When you buy property for \$750 an acre and sell it for \$2,000 an acre, you are actually making money," Vann said.

Vann is referring to property at the Sallisaw Landfill where the Omaha, Neb.-based Tenaska Inc. is hoping to build a coal-fired power plant. That portion of the landfill, about 900 acres, is not usable for trash disposal.

<http://www.sequoyahcountytimes.com/articles/2007/01/10/news/frontl.txt>

Rocky Mountain Power Selects Lime Energy as Participant in Utah's HVAC Energy Efficiency Alliance

1/10/2007

Lime Energy (OTC Bulletin Board: LMEC) today announced that it has recently been selected by PacifiCorp's Rocky Mountain Power as a participant in the utility's HVAC Energy Efficiency Alliance in Utah.

"We look forward to working with Lime Energy in this program to increase energy efficiency for its Utah customers," said Jeff Bumgarner, Director of Demand-Side Management Programs for Rocky Mountain Power.

Parke Industries, a Lime Energy operating company, is also a participant in the utility's Lighting Energy Efficiency Alliance in Utah.

<http://www.prnewswire.com/cgi-bin/stories.pl?ACCT=104&STORY=/www/story/01-10-2007/0004503389&EDATE=>

World's Largest Metal Roof-Integrated Solar Array Commissioned in New Jersey

1/10/2007

United Solar Ovonic, a wholly owned subsidiary of Energy Conversion Devices, Inc. (ECD Ovonic) (Nasdaq: ENER - News), announced today that it has supplied 700 kW of photovoltaic (PV) laminates to TurtleEnergy LLC for installation by American Energy Technologies, Inc. on a 350,000-sq.-ft. building leased by East Coast Warehouse & Distribution from the Port Authority of New York and New Jersey. American Energy Technologies, one of the fastest growing solar integrators in the U.S., was chosen to manage all aspects of the installation from the design phase through the commissioning of the system.

<http://biz.yahoo.com/prnews/070110/clw127.html?.v=5>

Pacific Gas and Electric Company Delivers New Renewable Wind Power to Its Customers

1/10/2007

Pacific Gas and Electric Company this week began receiving renewable power from the Buena Vista Energy, LLC Wind Project located in the Altamont pass area of Contra Costa County. PG&E's second newly constructed renewable project to come on line under California's Renewable Portfolio Standard (RPS) Program, Buena Vista will provide over 38 MW of wind power to California's electricity customers.

<http://biz.yahoo.com/prnews/070110/sfw072.html?.v=83>

United States Postal Service Steps Up Focus On Energy Efficient Strategies

1/9/2007

Energy services company, ConEdison Solutions (CES), was recently awarded an energy efficiency contract from the United States Postal Service (USPS), calling for CES to implement energy efficiency improvements at more than 1,400 postal facilities in New York, New Jersey, and the Caribbean.

The award, one of six such contracts under the postal service's Shared Energy Savings (SES) program, is part of a nationwide initiative designed to save \$11 million a year in energy costs over 10 years, for a total savings of \$110 million. The six contracts have an estimated value of \$1.3

billion. Participating companies will receive a percentage of the dollar savings attributable to the projects in return for assuming implementation costs.

<http://facilityblog.blogspot.com/2007/01/united-states-postal-service-steps-up.html>

Akeena Solar Expands to Meet Solar Power Demand

1/9/2007

Akeena Solar, Inc. (OTC BB: AKNS), a leading designer and installer of solar power systems, has opened an Orange County regional office to serve the exponentially growing demand for solar energy among residential and commercial customers in the area. According to the California Energy Commission, the market for photovoltaic systems in Orange County has been experiencing an average 190 percent growth rate since 2003.

<http://www.renewableenergyaccess.com/rea/partner/story?id=47060>

U.S. to Host Global Renewable Energy Conference in 2008

1/9/2007

The U.S. capitol will be the site for the 2008 Washington International Renewable Energy Conference (WIREC 2008). Approximately 5,000 attendees are expected to take part in the international event, including delegates from 150 countries.

The WIREC 2008 conference concept, in large part driven by the Washington, DC-based American Council On Renewable Energy (ACORE) is proposed to be conducted under the auspices of the U.S. Government.

<http://www.renewableenergyaccess.com/rea/news/story?id=47047>

City Council To Purchase Renewable Energy

1/9/2007

The Los Angeles City Council approved a five-year, \$196 million contract Tuesday to purchase renewable energy from hydroelectric facilities operated by Powerex Corp. in Canada.

Under the plan, 50 megawatts of power will be delivered daily to the Los Angeles Department of Water and Power.

http://cbs2.com/topstories/local_story_009133716.html

Clean Energy Supports California Governor's Proposal for Reducing Greenhouse Gas Emissions in Motor Vehicles

1/9/2007

Clean Energy, North America's leader in clean transportation, issued a statement supporting the call from California Governor Arnold Schwarzenegger for significant reductions in the carbon content of motor vehicle fuels. The governor plans to issue an Executive Order establishing a new Low Carbon Fuel Standard (10% reduction in carbon content) for transportation fuels sold in California. Transportation accounts for more than 40% of California's annual greenhouse gas emissions, and the state relies on petroleum-based fuels for 96% of its transportation needs.

http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news_view&newsId=20070109006132&newsLang=en

Film shows the oil spill of 1969 Activist ties topic to LNG plan

1/9/2007

The black-and-white images of oil-soaked sea birds gasping for air on the sand are still disturbing almost 40 years later, which is what Judith Bridgers had hoped.

The part-time Oxnard resident and longtime environmental activist used the old photos and news footage from the massive 1969 Santa Barbara oil spill to anchor her new documentary on oil and gas development along the coast.

... In the documentary, Bridgers links the environmental consequences from the Jan. 29, 1969, spill with current plans by BHP Billiton to build a liquefied natural gas processing plant about 14 miles off the Oxnard shore. Public hearings on the floating LNG terminal, called Cabrillo Port, are expected later this year after the final environmental review is completed.

http://www.venturacountystar.com/vcs/ox/article/0,1375,VCS_238_5266747,00.html

UD professor urges public support for wind farm

1/9/2007

What if every time you turned on a light switch, a mountaintop in West Virginia exploded? That's a question posed by "Kilowatt Ours," a documentary presented Thursday, Jan. 4, by the Citizens for a Better Sussex and Citizens for Clean Power. The two groups joined together for a discussion of the film, which shows what happens as demand for energy increases. The film detailed problems in West Virginia and Kentucky, where coal companies have blown up mountains to get to coal needed by power plants to provide electricity to the nation. Every year, coal companies move 24 million tons of earth to get at 4 million tons of coal, which is shipped out of state to hundreds of coal-fired power plants like the Indian River Power Plant in Millsboro. Extracting coal has removed whole mountains of Appalachia, buried rivers and caused environmental and health hazards throughout the region. The slurry created from coal blasts is stored in large lakes, but when the walls of one of these lakes failed about six years ago, 100 miles of stream and river were contaminated and habitat and species were destroyed. These problems are rarely publicized because of the money the coal industry creates, said filmmaker Jeff Barrie.

<http://www.capegazette.com/storiescurrent/200701/windfarm010507.html>

Range coal-gasification plant hits obstacle

1/8/2007

Current plans for a \$2 billion coal-gasification plant on the Iron Range are "not yet in the public interest," according to a state commerce official.

Excelsior Energy must first promise to control air pollution more dramatically than it has planned and sharply increase the protections it offers consumers against runaway electricity rates, argues Edward Garvey, deputy commissioner of energy and telecommunications at the Minnesota Department of Commerce.

<http://www.startribune.com/535/story/924058.html>

NEC adds solar power to monitors

1/8/2007

Conservation of energy seems to be the order of the day at electronics manufacturer NEC. The company announced a collaboration with Carmanah Technologies Corporation that has allowed solar panels to be created to power NEC's complete range of monitors (PDF).

<http://www.geek.com/news/geeknews/2007Jan/gee20070108001221.htm>

Solar power lights to be put up along I-277

1/8/2007

Here's to a brighter 2007 for drivers on Interstate 277.

After years of delays and budget shortages, the state is poised to fix the burned-out lights that line the uptown highway by installing solar-powered bulbs.

Building the new system later this year would cost between \$1 million and \$1.2 million, said Barry Moose, the top engineer for the N.C. Department of Transportation in the Charlotte region. That's a bargain compared with the estimated \$6 million price tag for fixing the badly damaged wiring that connects the existing poles, plus a regular power bill.

<http://www.charlotte.com/mld/charlotte/16407850.htm>

Ski slopes go green with wind energy

1/8/2007

As warm January weather reminds skiers that global climate change can impact their sport, at least one northern Michigan resort is fighting back.

Concerned that pollution from coal-fired power plants contributes to global warming, Crystal Mountain in Thompsonville is powering its high-speed chairlift, the Crystal Clipper, with wind energy this ski season.

Crystal Mountain joins a national trend as it becomes the first resort in Michigan to obtain a portion of its power from renewable sources. From Maine's Sugarloaf to Colorado's Vail

Mountain, more than 50 ski resorts nationwide are powering their slopes with renewable energy, such as wind and hydropower.

<http://www.detnews.com/apps/pbcs.dll/article?AID=/20070108/BIZ/701080346/1001>

Analysis: U.S. wind power boom to continue

1/8/2007

A record 2,750 megawatts of wind energy capacity was installed in the United States last year and expectations for 2007 are even higher.

This was one of the best years we ever had in the wind industry, said Robert Gleitz, wind product line leader for GE Energy. The U.S. wind industry now has the capacity to generate more than 10,492 megawatts, according to the most recent estimates by the American Wind Energy Association -- enough energy to meet the demand of about 2.5 million homes.

<http://www.earthtimes.org/articles/show/18494.html>

Covanta Leads Efforts to Fight Climate Change

1/8/2007

Covanta Holding Corporation, a leader in generating clean, renewable energy from waste, has joined the California Climate Action Registry (Registry), a distinguished group of organizations demonstrating leadership by voluntarily taking action on climate change. As a member, Covanta will work with the Registry to annually track, report and certify its greenhouse gas emissions, the main drivers of global warming.

http://www.earthtimes.org/articles/show/news_press_release.41661.shtml

Mountain Village is Now Largest Purchaser of Renewable Energy in Tri-State Generation Service Territory

1/8/2007

As the Telluride Mountain Village gondola celebrates its 10-year anniversary as one of the country's most unique, eco-friendly transportation systems, it can now add "powered by renewable energy" to its tagline. As of January 1, 2007, 100 percent of the gondola and the Town of Mountain Village's electrical usage, including not only the gondola, but the Town Hall, the Telluride Conference Center, the maintenance shop, snowmelt system and town street lights, will be powered using renewable energy green tags.

http://www.hotelinteractive.com/hi_index.asp?page_id=5000&article_id=6850

Akeena Solar Teams with PG&E To Light up Governor's 2007 "Green Dream" Inaugural

1/5/2007

In a high-profile demonstration of the power of renewable resources, Akeena Solar, Inc. (OTCBB:AKNS), a leading designer and installer of solar power systems, today announced that it teamed with PG&E to help provide the 100 percent carbon neutral energy that powered California Governor Schwarzenegger's "Leading the Green Dream" Inaugural Celebration in Sacramento on Thursday, January 4, 2007. Solar power captured and delivered by an Akeena-installed 3 kilowatt solar system joined with biodiesel and purchased carbon credits to help power the afternoon-long event.

<http://digital50.com/news/items/BW/2001/07/14/20070105005544/akeena-solar-teams-with-pge-to-light-up-governors-2007-green-dream-inaugural.html>

enXco Closes Financing on Minnesota 205 MW Wind Farm

1/5/2006

enXco, Inc. has closed on project financing for Minnesota's 205-megawatt (MW) wind farm, the Fenton Wind Energy Project, which is currently under construction in Murray and Nobles counties. Financial partners are Union Bank of California and GE Energy Financial Services. Valued at \$385 million, the wind farm puts enXco's total U.S. wind energy development portfolio over \$1 billion.

<http://www.renewableenergyaccess.com/rea/news/story?id=47027&src=rss>

Wind energy/storage plant slated for Dallas County

1/5/2007

Iowa's municipal utilities announced plans Friday to build a \$200 million power plant west of Dallas Center that will store wind energy in the ground and use it to generate up to 268 megawatts of electricity.

The announcement culminates more than four years of study and research, although operation of the plant is still several years away.

Construction of the Iowa Stored Energy Park would begin in 2009 with completion of the plant expected in 2011, said John Bilsten, general manager of Algona Municipal Utilities and vice president of the newly formed Iowa Stored Energy Plant Agency.

<http://desmoinesregister.com/apps/pbcs.dll/article?AID=20070105/BUSINESS/70105031/1001>

Wild Horse Out of Starting Gate

1/4/2007

Puget Sound Energy (PSE), the wholly owned utility subsidiary of Puget Energy (NYSE:PSD), rang in the new year with a surge of new power – bringing on line Washington state's largest utility-owned wind-power facility.

The utility's 229-megawatt Wild Horse Wind Project in Kittitas County began commercial operation for PSE customers in late December. Together with the Hopkins Ridge Wind Project that PSE built in 2005 near Dayton in southeast Washington, Wild Horse makes PSE the largest producer of renewable energy in the Pacific Northwest.

http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news_view&newsId=20070104005982&newsLang=en

Review - The Weather Makers: How Man Is Changing the Climate and What It Means for Life on Earth

1/3/2007

Since coming into office in 2001, George W. Bush, his administration, and his supporters (mainly ideological religious groups and corporate powers) have waged an unprecedented attack on science. Broadly speaking, these attacks have focused on debunking scientific conclusions relating to evolution, health care (i.e., stem cell research), and perhaps most strikingly, the environment. It is in the realm of the environment that the administration's policies will have the most lasting damage. A plethora of articles have documented the Bush administration's systemic weakening of important environmental policies and even their agencies, the stacking of commissions with people directly from the business world hell bent on the bottom line, and the silencing of our nation's top scientists.

The sum total of Bush's policies is the speeding up of climate change. For many, it is somewhat difficult to understand how extreme the reversal of environmental policy is, primarily because a lot of people do not have even a basic grasp of the scientific principles that should guide our environmental policies. Several respected authorities on climate change, including former Vice President Al Gore, and conservationist Tim Flannery, whose book, "The Weather Makers: How Man Is Changing the Climate and What It Means for Life on Earth", is reviewed here, have published works that hope to explain what climate change is all about.

<http://towardfreedom.com/home/content/view/954/>

NYPA & State Police Use Fuel Cells for Communications

1/5/2007

The New York Power Authority (NYPA) will work with the New York State Police in a \$434,000 program to deploy fuel cells in order to provide backup power at 22 public safety communications facilities, enabling them to operate in the event of the loss of power from the grid.

<http://www.renewableenergyaccess.com/rea/news/story?id=47026>

The emissions credit market

1/2007

The US refusal to sign the Kyoto global pact on greenhouse gas reductions failed to kill efforts to reduce greenhouse gas emissions. It simply moved the initiative to state and regional levels, with a growing number of top corporations undertaking voluntary reduction programs on their own. In the Northeast, for example, seven states to date (New York, New Jersey, Connecticut, Delaware, Maine, Vermont and New Hampshire) have joined the Regional Greenhouse Gas Initiative (RGGI), which will be setting up emissions standards and a cap-and-trade credit program for power plants, limiting their carbon dioxide emissions starting in 2009. RGGI air quality restrictions on manufacturing, however, remain but a distant goal, according to Joe Fontaine, trading programs manager with the New Hampshire Department of Environmental Services.

http://www.themanufacturer.com/us/detail.html?contents_id=4978

WORLD

Cost of Wind Power Rivals Conventional Generation in Europe

1/11/2007

Wind power has emerged as a competitive generation option in Europe, to be considered alongside more conventional power fueled by coal and natural gas, according to a new briefing from Emerging Energy Research (EER) - a leading advisory and consulting firm tracking emerging technologies in global energy markets.

<http://www.renewableenergyaccess.com/rea/partner/story?id=47095>

Canada's largest solar research park launched

1/11/2007

The University of Toronto (U of T), ARISE Technologies and The Portlands Energy Centre (PEC) have joined forces to create Canada's largest solar research facility, which will be located on the PEC site on Toronto's waterfront.

"This project will establish Toronto and Ontario as a world leader in solar energy research and development and education," said Energy Minister Dwight Duncan. "Solar and other forms of renewable energy are an important part of Ontario's energy future."

When completed, the facility will harvest enough solar energy to power up to 1,000 homes. The community will be able to participate through a community based share offering.

<http://www.newswire.ca/en/releases/archive/January2007/11/c5032.html>

Icelandic firm to invest \$1 billion in geothermal

1/11/2007

An Icelandic investor, a bank and an engineering firm have set up a company with the intention of raising \$1 billion to invest in geothermal energy around the world.

Geysir Green Energy has already raised \$100 million from its founders, FL Group, an investment company with 239.5 billion Icelandic krona (\$3.3 billion) in assets, Icelandic and Norwegian bank Glitnir and engineering consultants VGK Hönnun.

Ásgeir Margeirsson, chief executive of Geysir Green Energy, said that it will take about three years to raise \$1 billion, but the firm plans to begin investing "within a matter of weeks".

<http://www.environmental-finance.com/onlinews/0111geo.htm>

Halifax to sign contracts for wind energy; hopes to save \$28 million

1/10/2007

Halifax Regional Municipality is going to buy up to 25 gigawatt hours of electricity a year for the next 20 years from two wind-generation power companies.

Officials say it's a hedge against rising electricity costs that could meet up to 40 per cent of the municipality's energy needs by 2008.

Estimated savings run between \$8.3 million and \$28 million over the life of the contracts with Barrington Wind Energy Ltd. and Ventus Energy Inc.
<http://www.oilweek.com/news.asp?ID=6939>

Electrification of villages using solar energy in Balochistan by June

1/10/2007

Ministry of Science and Technology (MoST) is implementing a project to electrify four villages using solar energy in remote areas of the Balochistan province.

The project costing Rs. 37.50 million is expected to be completed by June this year and would help improve the quality of life of the otherwise deprived remote areas and introduce clean energy resources for meeting domestic energy needs.

http://www.app.com.pk/en/index.php?option=com_content&task=view&id=1788&Itemid=2

EU's new renewable energy goal draws mixed reaction

1/10/2007

European Commission plans unveiled on Wednesday to boost renewable energy production drew mixed responses from analysts and producers, with some calling them ambitious and challenging and others disappointingly weak.

The EC said renewable energy should contribute 20 percent of all energy used for heating, transport and power generation in the 27-nation bloc by 2020, and set a target of 10 percent of vehicle fuels coming from biofuels.

The targets are part of new proposals for a broad EU energy policy to fight climate change, cut energy consumption, and reduce the dominance of big utility companies over EU gas and electricity markets.

http://today.reuters.com/news/articlebusiness.aspx?type=ousiv&storyID=2007-01-10T191744Z_01_L10369553_RTRIDST_0_BUSINESSPRO-ENERGY-EU-RENEWABLES-DC.XML&from=business

Living in a carbon neutral home

1/9/2007

As a minister meets the building industry to discuss ways to make new housing more energy efficient, artist Clare Bull explains what it is like to live in the country's first environmental showhome.

It contains hundreds of environmentally-friendly features including a solar thermal system which provides 50% of the energy needed for water heating.

http://news.bbc.co.uk/2/hi/uk_news/6242591.stm

Indonesia's SMART, CNOOC, Hong Kong Energy sign renewable energy project deal

1/8/2007

PT Sinar Mas Agro Resources and Technology (SMART) said it has signed a cooperation agreement with China National Offshore Oil Corporation (CNOOC) and Hong Kong Energy (Holdings) Ltd for the development of 5.5 bln usd renewable energy project.

The company said in a statement that the project will be developed in three phases over 8 years. Under the terms of the deal, the parties agreed to develop a bio-diesel project, using crude palm oil as the raw material, as well as producing bio-ethanol using sugar cane and cassava as the raw materials.

<http://www.forbes.com/markets/feeds/afx/2007/01/08/afx3311482.html>

Paying in Pollution for Energy Hunger

1/9/2007

A toxic purple haze of diesel exhaust hangs over the rice and jute fields here in northeastern India, and bird songs are frequently drowned out by the chug-a-chug-a-chug of diesel generators. Across the developing world, cheap diesel generators from China have become a favorite way to provide electricity. They power everything from irrigation pumps to television sets, allowing growing numbers of rural villages in many poor countries to grow more crops and connect to the wider world.

But as the demand increases for the electricity that makes those advances possible, it is often being met through the dirtiest, most inefficient means, creating pollution in many remote areas that used to have pristine air and negligible emissions of carbon dioxide and other global warming gases.

http://www.nytimes.com/2007/01/09/business/worldbusiness/09village.html?_r=1&ref=business&oref=slogin

BWEA warns on UK renewables policy as Germany leads the way

1/9/2007

Whilst Britain tinkers with its Renewables Obligation, Germany continued to be a world leader in the use of renewables during 2006. Wind power, hydropower, solar energy, bio energy and geothermal renewable energy sources became more popular than ever last year, according to the German Federation of Renewable Energy (BEE).

Thanks largely to substantial government subsidies, the share of renewables in Germany's energy consumption increase to 7.7 percent in 2006 from 6.8 percent the previous year, the BEE said in its annual review. The biggest increase was in the use of solar energy (30 percent), followed by bio energy (20 percent) and wind power (10 percent), according to Deutsche-Press-Agentur.

<http://www.newbuilder.co.uk/news/NewsFullStory.asp?ID=1768>

Greens in call for renewable energy

1/8/2007

Ireland must learn from the latest oil dispute by ensuring it develops a self-sufficient market for renewable energy, it was warned today.

Green Party TD Eamon Ryan said the supply problems following the halting of Russian oil exports through a pipeline to the EU showed the necessity for an independent and sustainable energy market.

"These developments show how important it is for countries to have an independent, secure and sustainable energy supply. EU member states including Germany and Poland will be significantly affected by this action and will likely have to dip into strategic reserves," he said.

<http://www.ireland.com/newspaper/breaking/2007/0108/breaking89.htm>

Poll: Most Europeans Against Nuke Power

1/8/2007

Only 20 percent of Europeans favor the use of nuclear power as an energy source, according to an EU poll released Monday.

The survey indicates that a large majority favor the use of renewable energy sources such as solar power, wind energy and hydroelectric energy as viable energy sources in the years ahead. The poll comes just two days before the release of new EU proposals to steer dependency away from foreign oil and gas to lessen the impact of high and volatile prices, unreliable supplies, and to tackle global warming.

<http://news.moneycentral.msn.com/provider/providerarticle.aspx?feed=AP&Date=20070108&ID=6323000>

http://ec.europa.eu/research/energy/pdf/energy_tech_eurobarometer_en.pdf

EU to launch new energy plan

1/8/2007

The European commission is about to launch a three-year EU energy plan in a bid to cut emissions by 20 per cent by 2020.

Brussels says its plan is "the most important and ambitious energy package it has ever presented" and will spark a "new industrial revolution".

The paper – seen by theparliament.com – warns starkly that with CO2 emissions continuing to increase, "the EU's present energy policy is not sustainable".

It will be presented on 10 January by commission president Jose Manuel Barroso and energy commissioner Andris Piebalgs.

<http://www.eupolitix.com/EN/News/200701/f8c9ddf6-0d93-42c4-b049-f04b3d71645a.htm>

Nigeria: 500,000 Jobs Expected From Renewable Energy

1/8/2007

National Coordinator, Council of Renewable Energy in Nigeria, Mr Odigha Odiagha, has predicted that exploitation of the country's renewable energy potential could create avenues for the employment of about 500,000 job seekers in the next 10 years.

Odiagha, in a statement yesterday, described the development of Nigeria's renewable energy sector as a major strategy that would not only conserve the nation's oil reserves, but would also develop the economy and improve the populace.

<http://allafrica.com/stories/200701080216.html>

North creates a stink

1/7/2007

The North is the pollution capital of the UK as shock figures reveal we produce more killer carbon gases per head than anywhere in the country.

Incredibly, in the first week of this year we have already generated more carbon dioxide emissions than the world's poorest countries will over the course of the entire year.

The shock research comes from environmentalists at the World Development Movement - WDM.

http://icnewcastle.icnetwork.co.uk/sundaysun/news/tm_headline=north-creates-a-stink&method=full&objectid=18412483&siteid=50081-name_page.html

First Solar to invest RM2bil in largest panel plant in Asia

1/6/2007

First Solar Inc is investing RM2bil in Kulim Hi-Tech Park to set up the largest solar panel manufacturing plant in Asia.

Kedah Menteri Besar Datuk Seri Mahdzir Khalid said the plant on a 39.6ha plot at the park's phase III would be fully operational by early next year. The company had an existing product development and manufacturing base in Ohio, the United States, he told a press conference, adding that it was involved in manufacturing thin-film photovoltaic modules.

<http://biz.thestar.com.my/news/story.asp?file=/2007/1/6/business/16472145&sec=business>

German Renewable Energy Usage at Record High in 2006

1/5/2007

Renewable energy usage will rise further in Germany this year after reaching its highest ever level in 2006, the BEE renewable energy association said on Thursday.

Renewable energy sources accounted for 7.7 percent of total energy consumption in Europe's biggest economy last year, up from the 2005 level of 6.8 percent, the group said.

That equates to supplies of about 200 billion kilowatt hours, or the power, heating and fuel consumption of 10 million households, the BEE said.

<http://www.climateark.org/shared/reader/welcome.aspx?linkid=65982>

PUBLIC POLICY

Levine Introduces Measure to Increase Amount of Renewable Energy Generated in California

1/7/2007

Building on the pro-renewable energy goals attained during last year's legislative session, Assemblymember Lloyd Levine (D-Van Nuys) has introduced Assembly Bill 94, which would require retail sellers of electricity to procure 33 percent of their retail sales from renewable power by 2020.

<http://www.californiachronicle.com/articles/viewArticle.asp?articleID=18751>

Senators Introduce BioFuels Security Act

1/4/2006

On the first day of the new Congress, Senators Tom Harkin (D-IA), Richard G. Lugar (R-IN), Joseph R. Biden Jr. (D-DE), Byron L. Dorgan (D-ND) and Barack Obama (D-IL) introduced legislation that will increase American drivers' access to ethanol at fuel pumps. Currently, the United States imports more than 60 percent of its oil, and our consumption continues to increase - further subjecting consumers to the whims of the world oil market. Over sixty percent of the world's oil reserves are held in the Middle East, handcuffing our foreign policy.

http://www.agweb.com/get_article.aspx?pageid=133656&src=gennews

BUSINESS

Siemens Wind Power reaches over \$1.7 billion & 1,400 megawatts worth of orders in the US

1/11/2007

Siemens Power Generation announced that, since its acquisition of Bonus Energy in 2004, its wind power division has received U.S. orders for over 1,400 megawatts (MW). The company will supply over 600 wind turbine units for wind energy project development. Total order volume of these projects is in the range of \$1.7 billion.

[http://uaelp.pennnet.com/display_article/281914/22/ARTCL/none/none/Siemens-Wind-Power-reaches-over-\\$17-billion-&-1,400-megawatts-worth-of-orders-in-the-US/](http://uaelp.pennnet.com/display_article/281914/22/ARTCL/none/none/Siemens-Wind-Power-reaches-over-$17-billion-&-1,400-megawatts-worth-of-orders-in-the-US/)

Ted Turner Launches New Clean Energy Business Venture

1/10/2007

Ted Turner today announced the launch of a new business venture to provide clean power solutions. Turner will partner with Dome-Tech Solar, a leading solar energy developer, based in Branchburg, New Jersey to create DT Solar, a Turner renewable energy company. DT Solar will initially focus on providing on-site solar electric power systems for commercial and industrial clients, as well as developing larger, utility-scale solar power plants in the southwestern United States.

<http://biz.yahoo.com/prnews/070110/dcw057.html?.v=73>

AES Corp. Plans To Invest In Wind Energy

1/10/2007

Arlington, Va.-headquartered AES Corp., a global generator and distributor of electric power, has joined four energy companies by becoming a member of the Electric Drive Transportation Association (EDTA), an organization that represents battery, hybrid and fuel cell transportation technologies and supporting infrastructure.

This membership represents AES' commitment to invest in excess of \$1 billion over the next three years in the alternative energy sector, including wind power generation, global climate change and liquefied natural gas. Through its global climate change business, AES is targeting the production of up to 40 million tons per year of emission offset credits by 2012.

http://www.nawindpower.com/naw/e107_plugins/content/content.php?content.367

USSEC Announces Launch of Sustainable Power Corp.

1/10/2007

U.S. Sustainable Energy Corp. (PINKSHEETS: USSE) has today announced the activation of the new Sustainable Power website located online at www.sustainablepowercorp.com. The announcement comes with the official statement that USSEC and SPC mark their official entry into the Green Energy space as a turnkey power provider, leveraging USSEC's unique bio-energy process as a significant competitive advantage due to tremendous cost savings and efficiency.

http://www.marketwire.com/mw/release_html_b1?release_id=201787

Abengoa Creates Solar Energy Subsidiary in U.S.

1/9/2007

Abengoa S.A., a Spanish-based \$3 billion diversified energy company, has created Solucar Power, Inc., a new U.S. subsidiary that will handle market development in solar energy. Solucar Power will respond to utility requests for electricity using concentrating solar power (CSP) technologies.

<http://www.renewableenergyaccess.com/rea/news/story?id=47054>

FuelCell Energy Goes Global with The Linde Group

1/9/2007

FuelCell Energy, Inc. announced the formation of a marketing and distribution agreement with The Linde Group, in which Linde gains the nonexclusive right to sell and market Direct FuelCell(R) (DFC(R)) power plants worldwide except where FuelCell Energy already has granted exclusive distribution agreements.

<http://www.renewableenergyaccess.com/rea/news/story?id=47051>

'Breakthrough' year for solar-water co.

1/8/2007

WorldWater & Power Corp., which markets solar power systems for water pumping and other applications, says 2006 was a "breakthrough" year for the company in terms of increased revenues, profits, acquisitions and project activity, according to a January 8 company press release.

Company revenue rose from \$1.5 million in third-quarter 2005 to \$6.5 million in the same period of 2006, with gross profit margins of 22 percent for third-quarter 2006, the company said.

http://www.watertechonline.com/news.asp?mode=4&N_ID=65605

Geysir Green Energy Founded: Focus on Geothermal Projects Around the World

1/5/2007

Glitnir, FL Group and V GK Honnun Engineering have founded an investment company, Geysir Green Energy, with the objective of investing in sustainable energy.

... Geysir Green Energy intends to seek leading market opportunities in the harnessing of geothermal energy, invest in the development and construction of geothermal plants, acquire geothermal plants currently owned by power utilities and participate in the privatisation of energy companies all over the world. Currently, there is vast experience in this field within the company.

<http://www.ccnmatthews.com/news/releases/show.jsp?action=showRelease&searchText=false&showText=all&actionFor=629540>

Wal-Mart readies large-scale move into solar power

1/3/2007

Retail giant Wal-Mart Stores is thinking big about solar power.

The company put out an RFP (request for proposal) last month to solar electric suppliers and expects to receive responses early this month, according to a representative. The move is part of a long-term plan to convert to renewable energy sources.

http://news.com.com/Wal-Mart+readies+large-scale+move+into+solar+power/2100-11395_3-6146851.html

CLIMATE CHANGE

WEF warns of increased climate change risk

1/11/2007

The World Economic Forum (WEF) has upped its assessment of the risk posed by climate change, estimating that it could cause up to \$250 billion of economic losses over the next 10 years.

WEF's assessment of the risk of water shortages, tropical storms and inland flooding was also increased, along with a rash of other potential disasters such as a global pandemic, international terrorism and civil war.

Explaining why it has increased its assessment of the risk of climate change since its last report in 2006, WEF pointed to evidence that carbon dioxide emissions are growing faster than expected.

In a report, Global Risk 2007, also highlights scientific research on 'feedback mechanisms' – whereby the effects of climate change in turn cause global warming to speed up, for example melting icecaps reduce the amount of light reflected back into space, raising temperatures still further.

<http://www.environmental-finance.com/onlinews/0111wef.htm>

http://www.weforum.org/pdf/CSI/Global_Risks_2007.pdf

New Study Says Climate Change Already Affecting State

1/11/2007

A study says a warming climate could flood the Skagit River delta as the sea level rises. And higher temperatures could cause Washington dairy cows to produce less milk.

Those predictions are included in a report commissioned by the state departments of Ecology and Community Trade and Economic Development. The \$100,000 report was researched and written by the "Climate Leadership Initiative" at the University of Oregon with guidance from Washington economists and scientists.

<http://www.kirotv.com/weather/10722506/detail.html>

Introducing a brand-new, mass-protest climate movement for 2007

1/8/2007

Got friends? Got a camera? Got a spleen full of climate-change indignation? Then listen up. This April 14, the U.S. will see a protest like no other: across the country, groups both large and small will gather to express how they feel about our warming world, then use pictures, videos, and that newfangled internet to give politicians and the media a true picture of their collective passion. In the first of a series of weekly dispatches leading up to the event, noted author Bill McKibben (who is also a brave, strong, and handsome Grist board member) explains why he's launching "Step It Up 2007," what he hopes to accomplish, and how you can be a part of it.

<http://grist.org/news/daily/2007/01/08/>

BBC to launch climate change game

1/8/2007

The BBC plans to launch an interactive climate change game entitled "Climate Challenge" on its BBC.co.uk interactive network January 16th, 2007. Funded by the BBC and produced by Red Redemption Ltd, an Oxford-based environmental games company, Climate Challenge builds on the BBC's Climate Chaos collaboration with www.climateprediction.net - the world's largest computing experiment to try and produce a forecast of the climate in the 21st century.

http://gaming.monstersandcritics.com/news/article_1241090.php/BBC_to_launch_climate_change_game

Investment banks eye joint climate change strategy

1/8/2007

Banks, academics and green groups will propose redirecting capital investments into projects that are less affected by, or help curb, climate change, in a joint study to launch this spring, organisers said on Monday.

The initiative, based in the City of London, is the latest example of big business assessing the threats and opportunities posed by climate change, as global greenhouse gas emissions rise and after a record warm decade.

http://today.reuters.co.uk/news/articleinvesting.aspx?type=fundsNews&storyID=2007-01-08T132037Z_01_NOA847936_RTRUKOC_0_FINANCIAL-ENVIRONMENT.xml&WTmodLoc=HP-C8-Funds-2

Concerned about climate change?

1/8/2007

A MAJOR consultation is being launched to find out what residents across Somerset think about climate change.

The Rising to the Challenge campaign has been arranged by Somerset County Council to raise awareness about climate change, how it will affect Somerset and what we can do about it.

http://www.somersetcountygazette.co.uk/display.var.1109603.0.concerned_about_climate_change.php

EU's grim climate change warning

1/5/2007

A dire set of predictions of the consequences of global warming in Europe is contained in a report for the European Commission. It forecasts that by 2071 climate change will cause droughts and floods that will kill 90,000 people a year while damage from rising sea levels will cost tens of billions of euros.

The Commission will endorse the report next week and use it to back its case for action to limit the rise in the world's average temperature to 2 degrees centigrade above 1990 levels. Ironically, those countries most committed to combating climate change, such as the UK and Sweden, would gain, with warmer temperatures bringing bigger crop yields and fewer deaths from cold.

<http://www.ft.com/cms/s/c70b7cfc-9ce4-11db-8ec6-0000779e2340.html>

Italy: Climate change brings back malaria

1/5/2007

Sandwiched between temperate Europe and African heat, Italy is on the frontline of climate change and is witnessing a rise in tropical diseases such as malaria and tick-borne encephalitis, a new report says.

Italy was declared free of malaria in 1970, but it is making a comeback, said the Italian environmental organisation Legambiente. Tick-borne encephalitis, a virus which attacks the nerve system, is also on the way back. While only 18 cases had been reported before 1993, 100 have been since, mostly around Venice.

<http://www.hindu.com/thehindu/holnus/008200701061550.htm>

Sky sponsors Rough Guide climate change book

1/5/2006

Sky has teamed up with Rough Guides to produce a climate change book that provides information on ways to reduce energy consumption.

The "Rough Guide to saving energy and reducing your carbon footprint" is sponsored by Sky and copies will be available from next week.

The 64-page guide answers questions on climate change and covers a range of issues from greener cars to air travel. The book also offers advice on how to reduce your carbon footprint.

<http://www.marketingweek.co.uk/item/54574/254/260/3>

Scientists Slam ExxonMobil's Global Warming "Disinformation"

1/4/2007

The Union of Concerned Scientists (UCS), a nonprofit independent scientific organization formed in 1969, has slammed what it calls ExxonMobil's disinformation tactics in regard to climate change. The UCS has just released a report that details how ExxonMobil has adopted the tobacco industry's disinformation tactics (as well as some of the same organizations and personnel), to cloud the scientific understanding of climate change and delay action on the issue. The report claims that in the last seven years, ExxonMobil has funneled nearly \$16 million to a network of 43 advocacy organizations that seek to confuse the public on global warming science. http://www.scienceagogo.com/news/20070003212319data_trunc_sys.shtml

2007 set to be the world's hottest ever year

1/4/2007

THIS year is set to be the hottest ever recorded, climate changes experts have predicted. The global temperature in 2007 is expected to be 0.54C above the 14C long-term average - and higher than the record set in 1998.

The forecast from the Met Office is being hailed as further evidence of the rapid progression of climate change and last night environmentalists called on politicians to do more to tackle the problem.

<http://news.scotsman.com/uk.cfm?id=15862007>

Climate change faster in Australia: scientists

1/3/2007

Australia appears to be suffering an accelerated Greenhouse effect, with the pace of global warming faster across the country than in other parts of the world, climatologists said on Wednesday.

The world's driest inhabited continent, already suffering one of its worst droughts, was waging its own unique climate war, said Australia's Bureau of Meteorology yearly climate report. Half the country was desperate for water and the other half was awash with a year's rainfall for the entire continent.

<http://www.sciam.com/article.cfm?chanID=sa003&articleID=401FD95BF6799FE9DAD285C30F898CAC>

Climate Change Affecting Earth's Outermost Atmosphere

1/2/2007

Carbon dioxide emissions from the burning of fossil fuels will produce a 3 percent reduction in the density of Earth's outermost atmosphere by 2017, according to a team of scientists from the National Center for Atmospheric Research (NCAR) and The Pennsylvania State University (PSU). The research, which appears in the latest issue of Geophysical Research Letters, will be presented at the annual meeting of the American Geophysical Union.

<http://www.pollutiononline.com/content/news/article.asp?DocID=%7B7A601BE8-589A-4418-8B81-73F77198A301%7D&Bucket=Current+Headlines&VNETCOOKIE=NO>

SOLAR ENERGY

ICP SOLAR AND COLEMAN PRODUCTS ANNOUNCE LAUNCH OF REMOTE SOLAR CHARGER LINE AT CES

1/10/2007

ICP Solar Technologies Inc. (OTCBB: ICPR), a developer, manufacturer and marketer of solar cells and products, and Coleman Products Inc, an international leader in innovating and marketing outdoor products, announced today at the Consumer Electronic Show (CES) in Las Vegas, the launch of the Coleman line of portable solar chargers, designed to provide backup or primary power for vehicles such as automobiles, boats, RVs and also for remote living applications.

<http://www.earthtoys.com/news.php?section=view&id=2011>

European consortium reaches important milestones in solar energy research

1/9/2007

The EU-funded project CrystalClear has greatly improved the processes required for large-scale solar electricity production. CrystalClear has addressed some of the principle factors holding solar research back and has identified promising solutions. The consortium of European companies and research groups has pooled its talents to improve the efficiency of silicon solar cells, demonstrated the sustainability of solar electricity and defined ways to reduce production costs; all integral to meeting EU sustainable energy goals.

http://ec.europa.eu/research/headlines/news/article_07_01_09_en.html

Konarka's Chief Scientist Awarded 2006 Eni Italgas Science and Environment Prize for Plastic Solar Cells

1/8/2007

Konarka Technologies, Inc., an innovator in development and commercialization of Power Plastic(TM), a material that convert light to energy, today announced that the Organizing Committee of the Eni Italgas Prize awarded the Science and Environment Prize to Dr. Alan J. Heeger, Ph.D., the Company's co-founder and chief scientist, for his innovative research on solar cells made with flexible materials, which is summarized in his abstract entitled, "Bulk Heterojunction Solar Cells Fabricated from Semiconducting Polymers."

<http://www.renewableenergyaccess.com/rea/partner/story?id=47045>

NEC develops solar-power system for LCD monitors

1/6/2007

In co-operation with Carmanah Technologies Corporation, one of the fastest growing renewable and energy-efficient technology manufacturers in the world, NEC has announced a solar-power system that can be used with its LCD monitors. The solar-powered system is designed to produce approximately 293 kilowatt hours of electricity per year, or 800 watts per day.

<http://www.afterdawn.com/news/archive/8356.cfm>

NEC Display Solutions Introduces Solar-Powered Battery Package for Renewable-Power Capability Monitors

1/4/2007

Continuing its recognized environmental leadership in the electronics industry, NEC Display Solutions of America, the leading stand-alone provider of flat panel desktop displays, today announced a solar-powered system for use with all its monitors. In conjunction with Carmanah® Technologies Corporation, one of the fastest growing renewable and energy-efficient technology manufacturers in the world, NEC is the first display company to offer a solar-powered system for all of its monitors.

The solar-powered system is designed to produce approximately 293 kilowatt hours of electricity per year, or 800 watts per day(a). By running a display monitor off solar power, the need for standard electricity, which is produced by means of non-renewable energy sources, will be significantly reduced and, in some cases, nearly eliminated. Large companies could realize substantial energy savings from the solar-powered battery packages and could potentially save

thousands of dollars each year in electricity costs, while also reducing harmful pollutants, which are produced when using non-renewable generated electricity.

http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news_view&newsId=20070104005019&newsLang=en

WIND ENERGY

Vestas study claims cheaper wind

1/10/2007

A Danish study, published on the heels of a European energy report, says wind power is cheaper after pollution is weighed into fossil fuel costs.

Wind turbines may be able to produce cheaper electricity than coal and natural gas, according to a recent study by Emerging Energy Research.

<http://www.earthtimes.org/articles/show/18990.html>

Experimental 'wind to hydrogen' system up and running

1/9/2007

Xcel Energy and the U.S. Department of Energy's National Renewable Energy Laboratory today unveiled a unique facility that uses electricity from wind turbines to produce and store pure hydrogen, offering what may become an important new template for future energy production. Several dozen journalists, environmental leaders, government officials and Xcel Energy managers today toured the joint venture, which is located at NREL's National Wind Technology Center between Golden and Boulder, Colo.

"Today we begin using our cleanest source of electricity – wind power – to create the perfect fuel: hydrogen," said Richard C. Kelly, Xcel Energy chairman, president and CEO. "Converting wind energy to hydrogen means that it doesn't matter when the wind blows since its energy can be stored on-site in the form of hydrogen."

<http://www.physorg.com/news87494382.html>

Interview with Paul Gipe, Wind Energy Pioneer

1/4/2007

Paul Gipe has been involved with wind energy for 30 years. He has authored several books in the field, and was instrumental in the successful campaign for Ontario's 2006 implementation of Advanced Renewable Tariffs to promote distributed renewable energy supply.

<http://www.worldchanging.com/archives/005730.html>

NUCLEAR ENERGY

Commentary: Nuclear Power Not Clean, Green Or Safe

1/11/2007

In all the annals of spin, few statements are as misleading as Vice President Cheney's that the nuclear industry operates "efficiently, safely, and with no discharge of greenhouse gases or emissions," or President Bush's claim that America's 103 nuclear plants operate "without producing a single pound of air pollution or greenhouse gases."

Even as it refuses to concede global warming is really happening, the White House touts nuclear power as the answer, as if it were an arm of the Nuclear Energy Institute (NEI), the industry's trade group. NEI's advertisements declare, "Kids today are part of the most energy-intensive generation in history. They demand lots of electricity. And they deserve clean air."

In reality, not only are vast amounts of fossil fuels burned to mine and refine the uranium for nuclear power reactors, polluting the atmosphere, but those plants are allowed "to emit hundreds of curies of radioactive gases and other radioactive elements into the environment every year,"

Dr. Helen Caldicott, the antinuclear authority, points out in her book "Nuclear Power Is Not the Answer" (The New Press).

<http://freeinternetpress.com/story.php?sid=10021>

BIOFUELS

Revolutionary Energy Discovery and New Renewable Fuel Source Announced to World

1/11/2007

U.S. Sustainable Energy Corp. (OTC: USSE.PK) -- www.ussec.us -- has announced the official launch and availability of their new organic-based biofuel, discovered during research into the creation of alternative fuel sources from waste biomass. The new biofuel has been tested by independent labs, and is being heralded as the first 100% renewable and environmentally friendly fuel source able to serve as a permanent replacement to diesel fuel -- with none of the negative traits associated with traditional biodiesel or other green energy alternatives.

<http://www.prweb.com/releases/energy/revolution/prweb496633.htm>

Syngenta and Diversa to Develop Enzymes for Biofuels

1/10/2007

Syngenta and Diversa Corporation formed a 10-year research and development (R&D) partnership to develop a range of novel enzymes that will convert pre-treated cellulosic biomass economically to mixed sugars -- a critical step in the process of biofuel production.

<http://www.renewableenergyaccess.com/rea/news/story?id=47065>

Biofuels collaboration - racing towards a greener future

1/8/2007

In a unique collaboration, Myerscough College and the NNFCC are driving motorsports forwards into a sustainable future using biofuels and renewable technologies. A F3 racing car prepared by students at Myerscough College, complete with NNFCC livery, will be on display at the Autosport International Racing Car Show at the NEC in Birmingham from 11-14th January 2007. The car is part of Myerscough College's biofuels research program and will be tested running on various blends of bioethanol.

http://www.autoindustry.co.uk/press_releases/08-01-07

ENERGY ALTERNATIVES

Mr. Ovonic

1/8/2007

Stanford "Stan" Ovshinsky moves around his United Solar Ovonic plant in Auburn Hills like a man half his age.

The 84-year-old founder of United Solar Ovonic and its parent company, Energy Conversion Devices Inc. in Rochester Hills, is that excited to show off a machine he invented that he believes will play a role in changing the way we generate and consume energy on Earth.

<http://www.thedailynews.cc/articles/2007/01/08/news/news01.txt>

Hydrogen station no pipe dream

1/5/2007

Alternative fuels in gasoline alley? Say hello to hydrogen.

Lamar University researchers are looking for a hydrogen fill-up on their way to leadership in the future hydrogen economy.

"It's a long-term play," said Jack Hopper, dean of Lamar University's College of Engineering, of the initiative to form the Texas Hydrogen Energy Consortium.

The future will likely mean tapping energy from a variety of sources —renewable energy and hydrogen among them

http://www.lamar.edu/newsevents/news/207_4961.htm

OTHER LINKS AND REPORTS

Global Risks 2007: A Global Risk Network Report

http://www.weforum.org/pdf/CSI/Global_Risks_2007.pdf

Eurobarometer: Energy Technologies: Knowledge - Perception - Measures

http://ec.europa.eu/research/energy/pdf/energy_tech_eurobarometer_en.pdf

World Energy Technology Outlook 2050

http://ec.europa.eu/research/energy/pdf/weto-h2_en.pdf

Annual Energy Outlook 2007

<http://www.eia.doe.gov/oiaf/aeo/index.html>

Stern Review Report on the Economics of Climate Change

http://www.hm-treasury.gov.uk/independent_reviews/stern_review_economics_climate_change/sternreview_index.cfm

Offsetting Emissions: A Business Brief on the Voluntary Carbon Market

http://www.bsr.org/meta/BSR_Voluntary-Carbon-Offsets.pdf

Freeing the Grid: How States Can Revolutionize U.S. Energy Policy

http://www.newenergychoices.org/dev/uploads/NNEC%20Net%20Metering%20Report_EMBARGOED.pdf

Climate Neutral Bonding: Building Global Warming at the State and Local Levels

<http://www.newrules.org/de/climateneutralbonding.pdf>

REN21 Renewables Global Status Report

http://www.ren21.net/globalstatusreport/download/RE_GSR_2006_Update.pdf

Impacts on U.S. Energy Expenditures of Increasing Renewable Energy Use

<http://www.energyfuturecoalition.org/pubs/RAND.pdf>

Managing Climate Risk: Integrating Adaptation into World Bank Operations

<http://siteresources.worldbank.org/GLOBALENVIRONMENTFACILITYGEFOPERATIONS/Resources/Publications-Presentations/GEFAdaptationAug06.pdf>

Energy Independence: Record vs. Rhetoric

<http://home.ourfuture.org/reports/energy-independence-report.html>

Renewable Energy Country Attractiveness Indices

[http://www.ey.com/Global/download.nsf/International/ECU_-_Country_Attractiveness_Indices_-_Q3-2006/\\$file/EY_CountryAttractivenessIndices_Q32006.pdf](http://www.ey.com/Global/download.nsf/International/ECU_-_Country_Attractiveness_Indices_-_Q3-2006/$file/EY_CountryAttractivenessIndices_Q32006.pdf)

Revisiting EU Policy Options for Tackling Climate Change: A Social Cost-Benefit Analysis of GHG Emissions Reduction Strategies

http://shop.ceps.be/BookDetail.php?item_id=1399

Trans-Mediterranean for Concentrating Solar Power

http://www.dlr.de/tt/institut/abteilungen/system/projects/all_projects/Projektbeschreibung_TRANS-CSP/Final%20Report%20in%20PDF/TRANS-CSP_Full_Report_Final.pdf

Powering a Sustainable Future

http://www.wbcasd.org/DocRoot/0d6TANhJQ0ZhGXGHDcJ3/powering_sustainable_future.pdf

Race to the Top: The Expanding Role of U.S. State Renewable Portfolio Standards

<http://www.pewclimate.org/docUploads/RPSReportFinal%2Epdf>

Getting Ahead of the Curve: Corporate Strategies That Address Climate Change

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ELPC Energy Project

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