

Repowering Indiana Weekly - 1/19/07

Published by: Citizens Action Coalition of Indiana
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LOCAL

Duke Energy: Coal-fired Generators Will Cost Millions More

1/17/2007

A pair of coal-fired power units will cost hundreds of millions of dollars more than the \$3 billion Duke Energy predicted because financing costs were left out of the original estimate, a utility official told state regulators Wednesday.

The testimony came at the start of a three-day hearing by the North Carolina Utilities Commission. The panel is considering whether to grant permission to the Charlotte-based utility to build two 800-megawatt coal-fired generators at its Cliffside facility in Rutherford County.

<http://www.wral.com/news/state/story/1169922/>

Ethanol Plant Approved for State's 'Biotown'

1/16/2007

White County commissioners have approved rezoning 270 acres to permit construction of an ethanol plant just outside Reynolds, Indiana.

The northern Indiana town has been dubbed Biotown USA for a project aimed at having all its energy come from renewable sources.

<http://www.fox28.com/News/index.php?ID=11724>

Scrubbing pollution out of the air

1/16/2007

In an effort to both comply with state and federal emission regulations, and increase profits, Duke Energy is in the process of installing three new scrubbers at Gibson Generating Station, said Plant Manager Don Faulkner.

The new scrubbers are part of a system used as an air pollution control device. It "scrubs" unwanted pollutants from an exhaust stream.

Three energy generating units at the plant are being connected to the new scrubbers, which foster a chemical reaction to reduce sulfur dioxide emissions.

<http://www.tristate-media.com/articles/2007/01/16/pdclarion/news/news1.txt>

NATION

Resort to offset 100 percent of energy use

1/19/2007

Jackson Hole Mountain Resort will offset 100 percent of its power with the purchase of renewable-energy credits starting June 1.

And beginning this month, the resort will offset 50 percent of its power by purchasing credits toward a renewable energy mix, up from the 13 percent the company currently purchases from a wind farm.

http://www.jhguide.com/article.php?art_id=1351

Hallowell inn cuts ribbon to solar-electric system

1/18/2007

A central Maine inn that has been drawing some power from its wind turbine has now installed what's believed to be Maine's largest solar electric-hot water system added to its renewable energy storehouse.

Together, the wind turbine and solar panels are expected to provide one-third to half of the energy needs at the Maple Hill Farm Bed and Breakfast Inn and Conference Center, co-owner Scott Cowger said Thursday.

http://www.boston.com/news/local/maine/articles/2007/01/18/hallowell_inn_cuts_ribbon_to_solar_electric_system/

Florida Public Service Commission Adopts Rules To Promote Renewable Energy Generation

1/17/2007

Pricing options and flexibility rules were adopted last week to promote the development of renewable energy sources.

The Florida Public Service Commission (PSC) last week adopted new rules to provide developers of renewable energy a greater variety of pricing options when entering agreements to sell energy to Florida's five investor owned utilities (IOU). The greater flexibility will help existing and potential renewable energy providers finance new projects and strengthen the position of established facilities.

<http://www.allheadlinenews.com/articles/7006162798>

Town residents urged to buy renewable energy

1/17/2007

The race is on for residents to ditch fossil fuels and start buying energy from renewable sources.

The prize for participating in New England GreenStart could be putting more solar panels on the public library, winning a new Trek 7100 hybrid bicycle from the Mountain Goat on Water Street, or even halting global climate change, according to the CO2 Lowering (COOL) Committee.

http://www.thetranscript.com/localnews/ci_5030942

NEW ENGLAND'S LARGEST SOLAR POWER INSTALLATION UNVEILED AT STAPLES DISTRIBUTION CENTER IN KILLINGLY, CONN.

1/16/2007

The Connecticut Clean Energy Fund (CCEF), Staples and SunEdison will host a dedication ceremony today to unveil the largest solar power installation in New England at Staples' 300,000-square-foot retail distribution center in Killingly, Conn.

The solar power installation, built at no capital cost to Staples, was made possible through the collaborative effort of CCEF, which provided a \$1.7 million grant for the project, and SunEdison, which financed the remaining costs of the project and designed and installed the system.

Connecticut State Senate President Pro Tempore Donald E. Williams, Jr. (D-Brooklyn) will speak at today's event, as well as representatives from CCEF, Staples and SunEdison.

<http://www.world-wire.com/news/0701160002.html>

Wind farm size to double

1/14/2007

Plans for a local wind farm have doubled in size to a goal of 532 turbines, which would be one of the largest land-based wind farms in the world if it is completed.

Chicago-based Invenergy said it now seeks to place 266 wind turbines each in Knox and Henry counties. The alternative energy venture, called Bishop Hill Wind Energy Center, would be complete in three to five years, generating 800 megawatts of electricity, said Joel Link, director of business development for Invenergy.

The project would be completed in phases, likely 66 to 100 turbines per year. Over time, the potential investment could be up to \$1.6 billion, he said. Construction is to begin this year in Henry County. The Knox County side of the project is a year behind Henry County.

http://www.register-mail.com/stories/011407/MAI_BC33B8UU.GID.shtml

Biomass plant to provide renewable energy in eastern Arizona

1/13/2007

Teeny leftover paper fibers, a forest full of charred trees, and a pile of wood chips so high it looks more like a mountain all sit waiting in eastern Arizona for the biomass plant they soon will help fuel.

The 24 megawatt, \$53 million plant now under construction will be the second and by far the largest biomass plant in Arizona.

Builders and backers of the plant in Snowflake, about 130 miles northeast of Phoenix, say it will provide a stable source of electricity for the eastern mountain communities of Arizona, allow the

state's utility companies to use more renewable energy, and help clean Arizona's forests of small-diameter trees, which have helped fuel some of the most devastating wildfires in state history.
<http://kvoa.com/Global/story.asp?S=5934682>

Land office plans first geothermal lease sale

1/13/2007

Jerry Patterson, commissioner of the Texas General Land Office, on Friday announced the state's first lease sale for geothermal energy.

Some of the leases being offered are in Galveston County.

Geothermal energy refers to methods used to create electricity by tapping into the earth's own heat.

Along the Texas coast, this can be done by drilling into warm geologic strata, running liquid through a closed loop and using the earth's heat to warm the liquid and create steam. That steam can then turn turbines and create electricity.

On Tuesday, Patterson will make more than 11,000 acres of state-owned submerged land in seven counties available for geothermal energy production.

<http://news.galvestondailynews.com/story.lasso?ewcd=662a1e554e161800>

BP Alternative Energy North America To Begin Construction On Five Wind Power Generation Projects In US - Update

1/12/2007

On Friday, BP Alternative Energy North America Inc., a unit of BP PLC (BP | charts | news | PowerRating), announced that it expects to begin construction on five wind power generation projects in the US in 2007. Located in California, Colorado, North Dakota, and Texas, the projects are expected to deliver a combined generation capacity of some 550 megawatts. When complete, BP stated that the projects would exceed its target to build 450 megawatts by end of 2008. BP Alternative Energy, launched in November 2005, combines all of BP's interests in low and zero-carbon power generation.

<http://www.tradingmarkets.com/site/news/TOP%20STORY/497352/>

Iowa to Combine Wind Energy & CAES Technology

1/12/2007

Backed by the U.S. Department of Energy, a group of municipal utilities in Iowa and surrounding states are planning to build a new energy park that would integrate a 75-150 megawatt wind farm with Compressed Air Energy Storage (CAES) technology.

<http://www.renewableenergyaccess.com/rea/news/story?id=47096>

Environmental group sues coastal commission for ruling on Diablo Canyon

1/12/2007

An environmental group has sued state coastal regulators, alleging they violated state laws by authorizing a project at a nuclear power plant without requiring its operator to follow measures to ease the facility's damaging impacts on the central coast.

The Coastal Law Enforcement Action Network is challenging the Coastal Commission's decision to approve the replacement of two steam generators at the Diablo Canyon nuclear power plant near Avila Beach.

<http://www.sanluisobispo.com/mld/sanluisobispo/16446830.htm>

Premier Power Helps KB Home Build Solar Community in California

1/12/2007

Last year, California established itself as the nation's major player in the renewable energy market, enacting the largest solar policy ever in the United States. Ready to meet that new demand is Premier Power, which has recently formed a partnership with one of America's leading residential homebuilders, KB Home.

The historic California Solar Initiative (CSI) plan allots \$3.2 billion for solar energy rebates in the state over the next 11 years. Premier Power is taking part in that landmark program to help bring renewable energy into the mainstream with its latest project in Woodland, Calif. Teaming up with

Sharp, the top solar cell manufacturer in the world, Premier Power is currently working with KB Home at its new Woodshire community in the Northern California, located 20 miles northwest of Sacramento. KB Home's Woodshire community offers buyers choices from 16 floor plans ranging in size from 2 to 5 bedrooms with 1,191 to 3,544 square feet.

<http://www.renewableenergyaccess.com/rea/partner/story?id=47110>

Utilities ups the ante for renewable energy rebates

1/12/2007

The River Falls Municipal Utilities District reworked its Renewable Energy Incentive program for 2007 and, in doing so, offers a total of \$100,000 in possible rebates — double what it offered last year.

RFMUD worked in association with Wisconsin Public Power, Inc., (WPPI), to grow the program and the funding.

http://www.riverfallsjournal.com/articles/index.cfm?id=81189&section=news&forumcomm_check_return&freebie_check&CFID=15440215&CFTOKEN=79782456&jsessionid=883012feb3905042d364

205 MW White Creek Wind Project Gets Financing

1/10/2007

Construction is proceeding on the 205 megawatt (MW) White Creek Wind Project in Klickitat County, Washington, due to the successful completion of financing. All local and state permits have been issued for the windfarm, which is located on 9,500 acres of ranchland, 21 miles east of Goldendale. Operation is expected in late 2007 or early 2008.

<http://www.renewableenergyaccess.com/rea/news/story?id=47064>

WORLD

AMSC to Develop 3 MW Wind Energy System for South Korea

1/18/2007

American Superconductor Corporation (AMSC) signed a wind energy system development contract worth more than \$2 million with Doosan Heavy Industries & Construction Co., Ltd. of South Korea, in which AMSC's wholly-owned subsidiary, Windtec, will develop a 3 megawatt (MW) wind energy system for Doosan and support the assembly and installation of the first prototype.

<http://www.renewableenergyaccess.com/rea/news/story?id=47155>

Solar Research Park Slated for Toronto Waterfront

1/17/2007

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.

Under the agreement, PEC will provide land worth about \$2.4 million. ARISE will design and install a power system using high efficiency photovoltaic (PV) cell technology developed by ARISE and U of T. The solar park will create between 500 kilowatts (kW) and 1 megawatt (MW), representing an investment between \$5 to \$8 million.

<http://www.renewableenergyaccess.com/rea/news/story?id=47137>

Wind Power on the Rise in South Korea

1/15/2007

South Korean government announces new plan to increase renewable energy use from 2% to 9% by 2030.

With soaring oil prices and growing public awareness of the changing environment, wind power stocks in South Korea are enjoying increasing investor interest. Experts say that stocks in wind

turbine manufacturers, power plant builders and engineering companies are likely to see upward momentum as both the local and overseas markets continue to grow in the coming years.
<http://www.renewableenergyaccess.com/rea/news/story?id=47109>

Asia Pacific Nations Agree To Promote Biofuels

1/15/2007

On Monday, Asian and Pacific leaders inked an agreement to reduce their dependence on conventional means of extracting energy and to encourage the use of biofuels; the meeting also urged North Korea to put an end to its nuclear ambitions.

The Cebu Declaration on East Asian Energy Security was signed by leaders from Southeast Asia, Australia, New Zealand, India, Japan, China and South Korea.

The pact outlines a set of goals for "reliable, adequate and affordable" energy supplies that are needed for sustaining economic growth and competition in the region.

<http://www.allheadlinenews.com/articles/7006144238>

Fife energy project could generate up to 1350 jobs

1/15/2007

PLANS FOR a £3 million world-leading renewable energy development for Fife have been unveiled.

The Hydrogen Office Demonstration Centre, to be completed later this year at Fife Energy Park in Methil, has the potential to create 1350 jobs.

Powered by an innovative renewable energy and hydrogen fuel cell energy solution, it aims to illustrate the role that energy efficiency, renewables and hydrogen can play in reducing the impact of climate change and reducing future dependence on imported energy.

<http://www.thecourier.co.uk/output/2007/01/15/newsstory9174207t0.asp>

China offers Solar, Wind Energy Technologies to Pakistan

1/13/2007

Chinese Ambassador in Pakistan, Zhang Chunxiang has said that China can transfer its solar and wind energy technologies to enable Pakistan speedily bridge the gap between power generation and consumption in the country.

He was addressing members of the Lahore Chamber of Commerce and Industry (LCCI) here Friday. LCCI acting president Yaqoob Tahir Izhar, former presidents Bashir A Baksh, Mian Misbahur Rehman, Mian Anjum Nisar, Mian Shafqat Ali, former SVP Sohail Lashari and former vice-president Mohammad Ali Mian were also present on the occasion.

<http://www.pakistantimes.net/2007/01/13/top5.htm>

Workshop touts benefits of solar energy

1/13/2007

The abundance of sunlight in Lebanon may be the cleanest and most viable energy alternative to oil, according to experts who attended a workshop on renewable energy hosted by the Lebanese Environmental Party on Friday. "The politics of energy are controlled by the oil industry," said Habib Maalouf, president of the Environmental Party. "We are working to liberate the energy sector from this influence and to promote the energy we naturally possess in Lebanon, like solar energy."

Participants at the conference agreed that climate change was also a major concern driving their goals to establish renewable energy structures.

http://www.dailystar.com.lb/article.asp?edition_id=1&categ_id=1&article_id=78534

PUBLIC POLICY

INTERVIEW-U.S. Senator Boxer lays out climate change plans

1/17/2007

The head of the U.S. Senate's Environment and Public Works Committee on Wednesday said she could take a piecemeal approach to tackling U.S. greenhouse gas emissions rather than a single bill, with the aim of putting the first-ever mandatory caps on U.S. emissions.

Sen. Barbara Boxer, California Democrat and chairwoman of the committee with broad jurisdiction over climate change issues, called for aggressive caps on U.S. greenhouse gas emissions in an interview with Reuters.

Boxer's committee will hold a hearing on Jan. 30, where all 100 members of the U.S. Senate will be invited to propose legislation to cut heat-trapping emissions linked to global warming and rising ocean levels.

<http://www.alertnet.org/thenews/newsdesk/N17424879.htm>

Renewable energy: 25 percent of U.S. consumption by 2025 possible?

1/17/2007

In the fall of 2005, Burton English and Daniel De La Torre Ugarte, agricultural economics professors at the University of Tennessee, were asked to lead a study on the viability of renewable energy in the United States. Intrigued, the professors took on the project.

They recently completed the data crunching and found some intriguing possibilities.

The group that asked English for the study is 25X'25 — an advocacy group calling for 25 percent of the energy consumed in the United States to be provided from farms, ranches and forests by the year 2025.

<http://deltafarmpress.com/news/070117-renewable-energy/>

The 110th Congress—Democrats and Energy Security

1/16/2007

Democrats have signaled they will use their new majorities in the House of Representatives and Senate to focus Congress on energy issues with greater urgency this year. At the outset of the 110th Congress, House Democrats announced their first initiatives would include a tax aimed at oil and gas companies, for which revenues would be used for renewable energies. The energy issue has been framed in terms of national security, environmental sustainability, and economic health. But the most robust action from Congress on energy in the coming year could come in the new farm bill. There is bipartisan support for boosting production of biofuels such as ethanol to help ease U.S. dependence on foreign oil. Policy experts cite the need for a comprehensive energy package but the huge number of overlapping issues involved makes such legislation unlikely.

<http://www.cfr.org/publication/12429/>

Pomeroy Introduces Wind Energy Legislation to Extend PTC

1/16/2007

Congressman Earl Pomeroy announced the introduction of H.R. 197, a bill to extend the wind energy Production Tax Credit (PTC) for an additional five years, until 2014. An extension of this tax credit is necessary to provide the long-term stability that is needed for the development of major wind projects.

<http://www.renewableenergyaccess.com/rea/news/story?id=47124>

Sanders, Leahy push pollution reduction bill

1/16/2007

There is no place for the Vermont Yankee nuclear power plant in Sen. Bernard Sanders' plan to combat greenhouse gas emissions.

Monday, Sanders announced he was reintroducing an ambitious bill to reduce pollution associated with global warming. The bill was first introduced by his predecessor, Jim Jeffords.

Sanders is co-sponsoring the bill with fellow Vermonter, Sen. Patrick Leahy.

When asked how nuclear power fits into the Global Warming Pollution Reduction Act, Sanders replied, "it doesn't."

http://www.reformer.com/headlines/ci_5022043

Low Carbon Standard to "Fuel" Renewable Energy Market

1/11/2007

The Low Carbon Fuel Standard (LCFS) proposed by California Governor Arnold Schwarzenegger earlier this week is expected to triple the size of the California renewable fuels market and place more than 7 million alternative fuel or hybrid vehicles on the state's roads by 2020.

<http://www.renewableenergyaccess.com/rea/news/story?id=47077>

BUSINESS

Raser Secures Second 50-Year Geothermal Lease

1/18/2007

Raser Technologies, Inc. (NYSE Arca: RZ), a technology licensing and development company established to develop and license advanced electric motor, controller and related technologies as well as to establish geothermal electricity generating plants, announced today that it has secured geothermal rights to the McGee geothermal lease properties in Nevada under the terms of a 50-year lease agreement. This is the second such agreement Raser has made as it pursues its development stage business plan to establish a geothermal power generation business.

http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news_view&newsId=20070118005235&newsLang=en

Allianz Buys Two German Wind Energy Projects

1/16/2007

WKN Windkraft Nord AG has sold two German windfarms, Halenbeck and Kittlitz, to Allianz Specialised Investments, part of Allianz, which is dedicated to building up a long-term portfolio in renewable energy sources, especially wind energy. Both windfarms have been in operation for several weeks.

<http://www.renewableenergyaccess.com/rea/news/story?id=47128>

Spire receives NASA contract for thermo-photovoltaic cells

1/16/2007

Spire Corp of Bedford, MA, USA has received a \$600,000 contract from NASA's John Glenn Research Center in Cleveland, OH to further develop a new type of thermo- photovoltaic (TPV) cell that produces electricity from heat.

TPV cells have potential applications for NASA to generate electricity from heat produced by radioisotope sources for long-duration space missions. Commercial applications of TPV cells include electricity generation using heat from combustion.

http://www.semiconductor-today.com/news_items/NEWS_2007/JAN_07/SPIRE_160107.htm

Solarfun Announces Sales Agreement With UB Garanty Project S.L. for 140MW of Photovoltaic Modules

1/16/2007

Solarfun Power Holdings Co., Ltd. ("Solarfun") (NASDAQ: SOLF), an established manufacturer of photovoltaic (PV) cells and modules in China, today announced a significant new sales agreement. Under the terms of the agreement, Solarfun will sell approximately 140MW of photovoltaic modules to UB Garanty Project S.L. over the next three years. The contract is expected to have an estimated value of between US\$40 million and US\$50 million in 2007.

Mr. Yonghua Lu, Chairman and CEO of Solarfun commented, "I am pleased to announce this new contract with UB Garanty Project S.L. We believe it will expand our existing market share and enhance our brand name in Spain and we are confident that Solarfun will continue to penetrate high growth PV markets such as Spain, Italy and other emerging markets in Europe."

http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news_view&newsId=20070116005744&newsLang=en

PetroChina plans to develop 2nd-generation biofuels

1/12/2007

China's largest oil producer PetroChina (0857.HK: Quote, Profile , Research) (PTR.N: Quote, Profile , Research), plans to produce second-generation biofuels, made from starchy low-input feedstocks such as woodchips or straw, together with the State Forestry Administration. The energy firm did not say how much the deal was worth, but by 2010, it hopes to have capacity to produce over 2 million tonnes of non-grain based ethanol a year, it said in a statement on its Web site (www.petrochina.com.cn).

http://today.reuters.com/news/articleinvesting.aspx?view=CN&storyID=2007-01-12T075810Z_01_PEK285696_RTRIDST_0_CHINA-PETROCHINA-BIOFUELS.XML&rpc=66&type=qcna

Enel Signs Wind Farm Agreements for the U.S. and Canada

1/11/2007

Enel, through its subsidiary Enel North America Inc., signed agreements to develop two wind farms and the supply of the electricity they will generate: the Smoky Hills Project in Kansas (U.S.) will have an overall capacity of 250 megawatts (MW) and the St. Lawrence Project (Canada), which was signed with Newfoundland and Labrador Hydro, will have 27 MW.

<http://www.renewableenergyaccess.com/rea/news/story?id=47085>

CLIMATE CHANGE

Mapping out real impact of climate change

1/18/2007

ENVIRONMENTALISTS have long warned that climate change will bring heatwaves and monsoon-like rains, causing chaos across the world, but for the first time a map has been drawn up showing how the planet will be affected.

Swiss scientists used climate-modelling techniques to work out which areas will have the biggest increases and decreases in rainfall, and where the greatest temperature rises will occur.

<http://news.scotsman.com/international.cfm?id=89482007>

London Climate Change Services welcomes Initiative by DEFRA to Introduce Standards Into the Carbon Offset Business

1/18/2007

London Climate Change Services welcomes the initiative announced today [18th January] by DEFRA to introduce standards into the carbon offset business.

Carbon 'offsets' are offered by a growing number of companies to consumers buying carbon intensive goods and services. The seller will cancel or 'retire' a number of emissions allowances on behalf of the consumer to compensate for the carbon dioxide or other greenhouse gases

('GHGs') produced in the manufacture of carbon intensive goods or the use of carbon intensive services. The DEFRA approval standard ensures that an offset meets certain minimum criteria.
http://www.oilvoice.com/London_Climate_Change_Services_welcomes_Initiative_by_DEFRA_/8533.htm

Mineral formations in California caves giving scientists climate-change clues

1/16/2007

Ordinary thermometers and rain gauges haven't been around nearly long enough to answer all the questions being raised by global warming these days.

Climate scientists have had to look for alternative instruments in the natural world.

That search has led researchers at the University of California-Davis 60 feet underground to a unique archive of California climate records: stalagmites and other cave formations found in the foothills of the Sierra Nevada.

<http://sports.espn.go.com/outdoors/general/news/story?id=2732790>

Aitken signs city up to pledge for action on tackling climate change

1/16/2007

COUNCIL leader Ewan Aitken was today due to sign a declaration aimed at tackling climate change in Scotland.

The Scottish Executive has drawn up a statement of intent on climate change, which all councils have agreed to support.

Included in the declaration are commitments to publicly declare a plan, with targets and time-scales, to achieve a significant reduction in greenhouse gas emissions and to publish an annual statement on progress.

<http://news.scotsman.com/edinburgh.cfm?id=81122007>

Schools to show climate change film

1/16/2007

Former US vice president Al Gore's climate change film is to be shown in all of Scotland's secondary schools.

The film, An Inconvenient Truth, sounds the alarm for the impact of human behaviour on climate change.

http://icscotland.icnetwork.co.uk/news/scottish/tm_headline=schools-to-show-climate-change-film&method=full&objectid=18486476&siteid=50141-name_page.html

3C Initiative Unites Big Companies to Combat Climate Change

1/16/2007

A group of large companies meeting here last week has formed a new group aimed at developing an effective global climate protection policy for the period following the expiration of the Kyoto Protocol in 2013.

Combat Climate Change, also known as the 3C Initiative, began its life with 18 major corporate members, many from the energy sector, including both power companies (Duke Energy, Endesa, Eskom, PG&E, Suez, Vattenfall) and manufacturers of power-generating equipment (ABB, Alstom, GE, Siemens). The group has issued an "urgent request to the global community and all its representatives" to join in.

The goal, says 3C, is "to underline the need for urgent action by the global community and to influence the post-Kyoto process by demanding a global framework supporting a market-based solution to the climate change issue. This can be achieved by getting as many companies as possible aboard and by getting our common platform well known and well understood."

<http://www.gnet.org/news/newsdetail.cfm?Page=1&NewsID=34443>

Top 5 "Save the Climate" Speeches of 2006

1/12/2007

Will it be a happy or a grim New Year?

In 2006, the Arctic melted more, rains fell heavier, fires burned bigger, the plants and animals were confused by a changing climate. This was the year polls showed the public is slowly getting

the big picture. People are worried. Unlikely characters and corporations are calling themselves "green."

It was also the year of plans to avert catastrophic change.

Most of these proposals did not come from governments, who are still, with a few exceptions, in paralysis, or denial. The visionaries are self-appointed, yet generally world-watching veterans and professional communicators.

We are talking about Al Gore, the former politician; Amory Lovins, a Green gone big time; British journalist sensation George Monbiot; Pulitzer-prize winning investigator Ross Gelbspan; the official World Watcher, Lester Brown; and perhaps urban critic James Howard Kuntsler with the Peak Oil movement. Radio Ecoshock has assembled their latest speeches on how to get out of the heat, in a special section of free downloads, at www.ecoshock.org.

<http://www.ecoshock.org/2007/01/top-5-save-climate-speeches-of-2006.html>

High profile group tackles climate change

1/12/2007

CHAIRMEN and chief executives from some of the UK's biggest companies gathered in London yesterday for the first meeting of the Confederation of British Industry (CBI)'s climate change task force.

The new group, chaired by BT chief executive Ben Verwaayen, has been established to set the agenda on how business tackles climate change. It will produce a report later this year with wide-ranging recommendations for action.

<http://www.peterboroughtoday.co.uk/ViewArticle.aspx?ArticleID=1970691&SectionID=847>

SOLAR ENERGY

Solar car zooms to a record

1/16/2007

A CAR with a power output equal to a household hair dryer has broken the world record for the fastest solar-powered Perth to Sydney road trip.

The futuristic-looking vehicle, using just 1.8 kilowatts of power, rolled into Sydney yesterday having travelled from coast to coast in five days.

The University of NSW's Solar Racing Team almost halved the previous record set in 1994.

Cruising between 70 and 90km/h, the Jaycar Sunswift III used nothing but solar power on the 4000km journey.

<http://www.news.com.au/heraldsun/story/0,21985,21065180-662,00.html>

WIND ENERGY

Micro wind energy becomes serious business

1/16/2006

More than 4000 Windsave 1kW wind turbines have been sold since the product was launched by B&Q on October 6th 2006, according to Nigel Evenett, managing director of Lafert Electric Motors, which was until today known as AEG Electric Motors.

http://www.eurekamagazine.co.uk/article/index.aspx?articleid=d0xQt03oSP-GJ4a_FKsOy2NndbAqi4a1M02ejXYN6UA

Is Wind Power Reliable?

1/16/2007

Q: How can wind energy provide a large share of a utility or a country's electricity supply if you can't count on the wind to blow all the time?

A: This is a question that utilities are looking into closely now that wind energy has emerged as a mainstream option for new power generation. Based on experience in Europe and on a growing

number of studies, the answer is that while wind energy's variable output can pose challenges -- these can be successfully managed with the right procedures.

<http://www.renewableenergyaccess.com/rea/news/ate/story?id=47129>

NUCLEAR ENERGY

4 Northeast Nuclear Power Plants Warned

1/18/2007

Four Northeast nuclear power plants have been alerted to check for potential safety problems following a failure at a sister plant here that caused a shutdown.

The Nuclear Regulatory Commission notified managers of the four plants because they're similar in age and design to the Xcel Energy's Monticello plant, said Jan Strasma, a commission spokesman.

The plants being told to be alert are Vermont Yankee and Oyster Creek in New Jersey, Nine Mile Point in New York, and Pilgrim in Massachusetts.

<http://www.salon.com/wire/ap/archive.html?wire=D8MNLBR00.html>

North Korea asked to pay US\$1.9 billion for aborted nuclear power plant project

1/16/2007

A U.S.-led international consortium has asked North Korea to pay US\$1.9 billion (€1.5 billion) in compensation for an aborted project to build two light-water reactors for power generation in the communist country, a South Korean official said Tuesday.

The reactors — which are of a type difficult to divert for military purposes — were a reward under a 1994 deal between Washington and Pyongyang to freeze North Korea's nuclear development.

The consortium, which also involved South Korea, Japan, and the European Union, formally terminated the project last year amid the renewed standoff over the North's pursuit of nuclear arms.

<http://www.iht.com/articles/ap/2007/01/16/asia/AS-GEN-Koreas-Nuclear.php>

OTHER LINKS AND REPORTS

25% Renewable Energy for the United States by 2025: Agricultural and Economic Impacts

<http://www.agpolicy.org/ppap/REPORT%2025x25.pdf>

Curbing Climate Change: An Outline of a Framework Leading to a Low Carbon Emitting Society

http://www.vattenfall.com/www/vf_com/vf_com/Gemeinsame_Inhalte/DOCUMENT/360168vatt/386246envi/Curbing_climate_report.pdf

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/climateutralbonding.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.wbcsd.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

http://www.pewclimate.org/global-warming-in-depth/all_reports/corporate_strategies/index.cfm?source=prweb

A Three-Pronged Approach to Corporate Climate Strategy

http://www.bsr.org/meta/BSR_Climate-Change-Report.pdf

CHALLENGE AND OPPORTUNITY: CHARTING A NEW ENERGY FUTURE

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

Climate Change – the Costs of Inaction

<http://ase.tufts.edu/gdae/Pubs/rp/Climate-CostsofInaction.pdf>

Feeling the Heat: Global Warming and Rising Temperatures in the United States

<http://www.environmentcalifornia.org/uploads/1g/lt/1gltxsGFMOXT1fITnm5Ofw/Feeling-the-Heat.pdf>

A New Energy Future: The Benefits of Energy Efficiency and Renewable Energy for Cutting America's Use of Fossil Fuels

<http://connpirg.org/reports/Future.pdf>

American Energy: the Renewable Path to Energy Security

<http://images1.americanprogress.org/il80web20037/americanenergynow/AmericanEnergy.pdf>

Global Wind Energy Outlook 2006 Report

http://www.gwec.net/fileadmin/documents/Publications/Global_Wind_Energy_Outlook_2006.pdf

Plugging the Gap Report

http://www.gwec.net/fileadmin/documents/Publications/RESGWEC-Plugging_the_Gap_report_01.09.06.pdf

Carbon Disclosure Project

<http://www.cdproject.net/cdp4reports.asp>

Climate Change and Insurance: An Agenda for Action in the United States

<http://www.worldwildlife.org/news/pubs/allianzwwf.pdf>

Wind Turbine Development: Location of Manufacturing Activity

<http://www.repp.org/articles/static/1/binaries/WindLocatorShort.pdf>

Solar PV Development: Location of Economic Activity

<http://www.repp.org/articles/static/1/binaries/SolarLocator.pdf>

Repowering the Midwest: The Clean Energy Development Plan for the Heartland

Environmental Law & Policy Center, Citizens Action Coalition, et al

<http://www.repowermidwest.org>

Renewable Potential Maps – U.S. Census Division

U.S. Department of Energy - http://www.eia.doe.gov/emeu/reps/remap/e_n_c.html

ELPC Energy Project

Environmental Law & Policy Center - <http://www.elpc.org/energy/index.html>

Renewable Energy

Union of Concerned Scientists - <http://www.ucsusa.org>

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Repowering Indiana Weekly is produced by Citizens Action Coalition of Indiana with funding from Citizens Action Coalition of Indiana.

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