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"Pollution is a symbol of design failure"
- William McDonough

Hot Picks

Sunday, July 9

FREE and Open to the Public

The American Solar Energy Society's
Solar 2006 Conference

Denver at the Adam's Mark Hotel
Court & 16th Street Mall

Workshops, videos, exhibits.

<http://solar2006.org/public/index.htm>

In addition, you may want to check out a variety of free and for cost EcoArts exhibits, performances, talks, and parties.

<http://www.ecoartsonline.org/schedule.html>



SOLAR 2006

July 7-13, 2006

Denver, Colorado

Renewable Energy
Key to Climate Recovery

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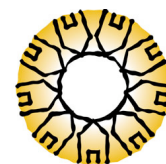
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Short Takes

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To Submit to SE News – email Regelson@mac.com. Put SE News in the Subject. Suggest a title and a 2 or 3 sentence summary. Include a link to the original article or a web page, or provide your email address, for more information.

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In addition to providing information on moving to a sustainable energy future, SE News serves as the unofficial newsletter for BREEE – Boulder Renewable Energy & Energy Efficiency Working Group.

<http://www.boulderenergy.org>

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From Boulder & Colorado:

Short Takes: Boulder & Colorado

Aquilla A37 rebate program starts 7/6. Up to \$6 per watt rebate.

<http://pv.aquilaprograms.com/>

Daily Camera: Energy tax may be on the fall ballot. The city of Boulder is poised to fund a greenhouse gas reduction program.

http://www.dailycamera.com/bdc/county_news/article/0,1713,BDC_2423_4756247,00.html

Daily Camera: More on Xcel collecting the energy tax for Boulder.

http://www.dailycamera.com/bdc/county_news/article/0,1713,BDC_2423_4759237,00.html

Daily Camera: Owens vetoes energy efficiency bills. Meanwhile on the state level Owens blocks action on greenhouse gasses.

http://www.dailycamera.com/bdc/state_news/article/0,1713,BDC_2419_4753608,00.html

The GreenBuild International Conference will be in Denver in November, 2006. They are expecting 15,000 attendees.

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

Denver Post: Xcel wants to increase costs of WindSource program.

http://www.denverpost.com/ci_3933245?source=rss

From Roger Singer and others.

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From Elsewhere:

Short Takes

Daily Camera: Climate Scientists state that *drastic investments must be made, There are 850 coal plants planned for construction — most in China and India, but 22 in the western United States, including Xcel Energy's addition in Pueblo — by 2030.*

If built and operated for 60 years, they will pump as much carbon into the atmosphere as all the coal burned since the dawn of the industrial age, emitting five times the amount that Kyoto Protocol cutbacks could save, they said.

...

They view an atmospheric carbon concentration of about 450 parts per million — just 18 percent higher than today's 380 parts per million — as a line that should be crossed at our peril.

That concentration will boost average temperatures about 4 degrees, climate models say, and could trigger irreversible melting of the Greenland ice sheet and a 21-foot global sea-level rise.

http://www.dailycamera.com/bdc/science/article/0,1713,BDC_2432_4762402,00.html

A new report from NCAR - Impacts of Ocean Acidification ... A Guide for Future Research — includes much information on the impact of increased CO₂ in the atmosphere on the life in the world's oceans.

http://www.ucar.edu/communications/Final_acidification.pdf

Finally a reasonable cost, high quality meter to measure the output of solar thermal systems. Made for Europe and district heating. About \$350 in single quantity.

<http://tctsolar.com/tctmetrima.htm>

Utility Wind Integration Group issues assessment. ... *we don't see any fundamental technical barriers at the present time to wind penetrations of up to 20 percent of system peak demand, which is far beyond where we are today.*

<http://www.uwig.org/IntegrationStateoftheArt.htm>

Nine household and home energy briefs from the Rocky Mountain Institute. Topics range from Building Envelope to Whole System Design.

<http://www.rmi.org/sitepages/pid171.php#LibHshldEnEff>

The latest Popular Science magazine's cover story is on The Future of Energy – 10 Technologies to End Our Oil Addiction.

<http://www.popsci.com/popsci/energy/>

Two hybrid electric diesel locomotives delivered to Union Pacific for use in railroad switchyards. ... *designed to cut air emissions by up to 90 percent and reduce diesel fuel use by as much as 80 percent, compared with conventional diesel-powered switchers that spend much of their time idling.*

<http://www.ble.org/pr/news/headline.asp?id=16381>

Ballard Fuel Cells is beta testing a new version of their 1 kW cogenerating (electricity and hot water) fuel cell. Intended for the Japanese market and apparently subsidized with \$40,000+ per unit. Price target of \$10,800 by 2008. Reforms natural gas or kerosene to hydrogen for use in the fuel cell. Expected life of 40,000 hours of operation (10 years). ... *in Japan, 1 kW fuel cell cogeneration systems are installed directly in consumers' homes and are designed to generate the first kilowatt of electricity and all required hot water, thus reducing dependence on grid based electricity... the system also reduces carbon dioxide emissions by up to 40% compared to conventional electric generation using fossil fuels.*

http://www.ballard.com/resources/news_releases/11_Mark%201030%20V3_English.pdf

From Albert Melcher and others.

(This is the end of SE News)
