



CRES NEWS

Newsletter of the Colorado Renewable Energy Society

VOL. 14 • NO. 4

A Chapter of the American Solar Energy Society

JULY/AUGUST 2009

July Meeting - Topic: *The Colorado Carbon Fund*

Sorry — graphic unavailable.

August 28-30

Clean Energy: Pathways to a Low-Carbon Footprint

**Info Sessions - Exhibits - Tours-Workshops
Opening Reception - Awards Ceremony Dinner**

Colorado School of Mines, Golden

*Green Center
(16th & Cheyenne Streets)*

Keynote Address
9:00am - Saturday

Dr. Eric Barron
Director of NCAR

Climate - State of the Science

Featured Dinner Speaker
6:00pm - Saturday

Mike Nelson
Chief Meteorologist - KMGH-TV

Wild Weather in the West

The July meetings of the Colorado Renewable Energy Society will take place on **July 30, 2009** at the **Jefferson Unitarian Church** at 14350 W. 32nd Ave. in Golden. (On 32nd Ave. about 1 mile west of the I-70 interchange). **The meeting will begin at 7:00pm.** There will be no regular August meeting. Instead, CRES will be conducting its annual conference on August 28-29 (see adjacent column).

The speaker for the July meeting will be **Susan Innis**, the Colorado Carbon Fund Manager for the Governor's Energy Office (GEO). She will describe the *Colorado Carbon Fund (CCF)*. This is a new project administered by the Governor's Energy Office that provides high-quality, credible carbon offsets for those interested in mitigating their carbon footprint supporting new clean energy projects in our state.

Prior to joining GEO in 2007, Susan spent eight years as an Energy Policy Advisor and Green Power Marketing Director at Western Resources Advocates, a regional conservation law and policy center. Before working on energy issues, she was a member of the CRES Board of Directors in 2006 and 2007. Susan holds a Masters in Public Administration from the University of Colorado and a BS in Biology from McGill University.

CRES Monthly Meeting Accessible via WEBCAST

To attend a meeting via webcast go to www.instantlyglobal.com/cresmeeting1. Please log on in this order

prior to start of the meeting:

1. CRES Chapters - **30 minutes**
2. 3+ CRES Membs - **20 min** or later
3. All others - **10 min** or later (until all connections are exhausted-15 max)

See following pages for more details

Colorado Calendar

This column features dates for meetings and other events relevant to Coloradans interested in renewable energy.

July 25-30...Homebrew Wind Turbine Design and Construction Workshop. Presented by the Evergreen Institute. Hands-on workshop detailing design features of wind turbines. *Location:* Evergreen (address-TBA). For details visit www.evergreeninstitute.org.

July 27-28...Reznick Group Annual Renewable Energy Conference. Explores critical relationships between technology and business in creating infrastructure for the development of electric vehicles and other renewable energy technologies. *Location:* Inverness Hotel, 200 Inverness Drive West, Englewood. For details visit www.reznickgroup.com.

July 29...NREL Power Lunch: Technology - Environmentally Friendly by Design. Cutting edge solutions to making energy-guzzling data centers more eco-friendly. *Location:* NREL Visitors Center, 15013 Denver West Pkwy. For details visit www.nrel.gov.

August 8...SE-CRES Renewable Energy Expo & Solar Tour: RE powering Southern Colorado. Encouraging businesses and residents to better understand RE technologies in new buildings and transportation. *Location:* Colorado State University, Pueblo Campus. For details visit www.secres.wordpress.com.

August 20-22... American Renewable Energy Day (AREDAY). Promotes education and awareness of renewable energy and energy efficient technologies as practical solutions to global warming. *Location:* Aspen (various locations). For details visit www.areday.net.

August 22-23...Earthworks Expo. A celebration of Colorado's green marketplace and showcase of local RE solution-providers. *Location:* Denver Merchandise Market, 451 E. 58th Ave., Denver. For details visit www.earthwork2009.com.

What the Conference is all About

These are some of the questions to be answered at this year's conference:

What are communities around Colorado doing to lower their carbon footprint? What is the Smart Grid and how will it impact me? Is carbon sequestration (or carbon management) feasible? How does population impact our carbon future? What can you do at home to minimize costs and lower carbon impacts? For answers to these and many more questions, come join us.

The main day of the Conference - Saturday, August 29 – will kick off with a great keynote address by Dr. Eric Barron, Director of the National Center for Atmospheric Research (NCAR) in Boulder, on the subject of “Climate – State of the Science”. That will be followed by two exciting plenary sessions: one on how Colorado communities are using technology and people for carbon mitigation, and an informative panel discussion on the Smart Grid – what is it, how will your utility deal with it, how will it affect me, are their alternatives?

The afternoon will feature three parallel presentation tracks:

- Community Efforts,
- Low-Carbon Energy, and
- Carbon Solutions & Issues.

There will be an NREL tour and a home tour on Friday and a number of Smart Energy Living Consumer workshops on Sunday. You can finish off a wonderful Saturday of informative presentations and discussions, with a dinner with your current and new colleagues, and listen to Mike Nelson, Chief Meteorologist KMGH-TV 7 News, give an exciting and relevant discussion on “Wild Weather in the West”.

Ready to register? You can now do so on the CRES Conference web page, <http://www.cres-energy.org/crec2009paypal.html>, or by returning the registration form included with this issue.

Preliminary Schedule

Friday, August 28th Pre-Conference Events

NREL Tour (Additional \$25 fee): Early deadline and restrictions apply (See Registration Form for details) Guided and narrated tour of the Golden NREL research labs. Meet at NREL Visitor Center. Two separate tour times. Limited to 28 preregistered participants per tour. Tour A- 10-11:30am; Tour B - 1:30-3:00pm.

Registration - 4-6pm. CSM Green Center

Reception - 6:30-8pm. CSM Geology Museum (13th & Maple St.)

Saturday, August 29th (CSM Green Center - 16th & Arapahoe)

7:30am-5pm Registration

8:30am-5pm Exhibits Open to the Public (Free)

8:30-9am Welcome to CREC 2009 and Golden Official Welcome - Hon. Jacob Smith, Craig Taylor CSM, Steve Sargent CRES Pres.

9-10am Keynote Address - (Open to Public) Dr. Eric Barron, Director of NCAR Climate-State of the Science

10-10:15am Break

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PRESIDENT'S CORNER

CRES Members - Get your CRES NEWS Electronically

For the last few months CRES NEWS has contained an announcement that members can opt to receive the newsletter electronically - via a PDF file sent to you by e-mail. It is also possible to download CRES NEWS directly from the website. The response to these options have so far been underwhelming.

I am writing to encourage all CRES members to exercise this option post-haste. The reasons should be obvious but let me reiterate them:

1. Cost Saving - While we could effect significant savings by eliminating newsletter printing altogether, the Board recognizes that there will be some members who will still require or prefer paper copies. Further, we need some printed copies to hand out at our exhibit booth and meetings. But by reducing our print run we could reduce our printing and postage costs by a significant amount thereby saving us urgently needed funds

2. Aiding the Environment by Reducing Paper Usage. Each issue has 4 printed pages, printed double-sided, so we are using one 11"x17" sheet for each copy. While the CRES mission is specifically energy-related, environmental sustainability is an essential implicit aspect. If you elect to receive CRES NEWS via e-mail (assuming you do NOT print out paper copies), we will be reducing paper usage, thereby saving trees, etc. This is something we all should be doing.

The current CRES financial situation is not dire, but our income has declined from last year, most likely the result of what we delicately refer to as the "current economic situation." On the other hand, while we did reduce our expenditures significantly by reducing the CRES NEWS frequency from 10 to 6 issues per year, our overall expenses are still high.

As CRES President, I urge you to PLEASE send an e-mail to info@cres-energy.org and specify that you are opting to receive the electronic version of CRES NEWS. Thank you all in advance.

Steve Sargent *President*

CRES News Briefs

- **Annual Meeting...** 110 members and guests attended. Our "Silent Auction" netted over \$7,000. And all who attended enjoyed an evening of excellent food, much camaraderie, and boundless fun.
- **New Life Member...** Barbara Farhar is now a CRES Life Member.
- **Theater and Barnes and Noble Fundraisers Net Profit...** Our special "Wine Tasting and Play" fundraiser, arranged and presented by Barb Todor of the Noble Hart Theater, was a great success and netted us \$3,025.13. Our Barnes and Noble fundraiser earned us over \$1,300.
- **CRES Wins Award...** The regional newspaper, *Mountain Connection*, has donated \$250 to CRES as part of its *Community Service Beneficiary Program*. *Mountain Connection*, whose stated mission is "positively making a difference, connecting lives, and connecting communities," has recognized CRES for its service to the community.

CRES NEWS

CRES NEWS is the official publication of the Colorado Renewable Energy Society. The CRES address is:

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NOTICE

CRES NEWS on Website

The latest edition of CRES NEWS is now available on the CRES website. You may access it by going to www.cres-energy.org and clicking the CRES NEWS notation on the lower right side of the page.

CRES "HOTLINE"

303-806-5317

CRES INTERNET NOS.

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Preliminary Schedule (Continued)

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|------------------------|--|---|--|
| 10:15-11:15am | Plenary Session 1 – Communities Addressing Climate Change | 6pm | Awards Ceremony Dinner Mike Nelson, KMGH-TV Wild Weather in the West |
| 11:15-11:30am | Break | | |
| 11:30am-12:30pm | Plenary Session 2 - Utilities and Climate Change | 8:45-10pm | CRES Committee on Education |
| 12:30-1:30pm | Lunch | Sunday, August 30 - Workshop and Tours | |
| 1:30-2:45pm | Information Sessions Community Case Studies Low-Carbon Power: Tech Frontiers Carbon Sequestration | 9am-4pm | Exhibit (Green Center) Open to Public |
| 2:45-3pm | Break | 9am-4:30pm | Smart Energy Living Workshops - Green Center - 1-12 hrs each (Additional fee) |
| 3-4pm | Information Sessions Community: Policy/Transport Low-Carbon Power: Analytical Tools Carbon Sequestration: Best Solutions | | <ol style="list-style-type: none"> 1. Water Conservation at Home 2. Do-it-Yourself Energy Auditing 3. Retrofitting Energy Inefficient Homes for Savings and Comfort 4. Careers in Green Jobs 5. Emerging Green Technologies 6. Zero Energy Homes 7. Solar PV & Solar Thermal Basics 8. Wind Energy & Geothermal Energy |
| 4-5pm | Information Sessions Community: Wind, Solar, Storage Dev. Low-Carbon Power: Policy/Mitigation The Big Picture and Close to Home | | |
| 5-6pm | Cocktail Hour | 10am-2:30pm | Home Tour (Self Guided - \$15.00) |

ROSTER OF CRES BUSINESS MEMBERS

We thank the following organizations for their continuing support

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