



CREs NEWS

Newsletter of the Colorado Renewable Energy Society

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A Chapter of the American Solar Energy Society

NOV./DEC. 2010

November Meeting - Update on the ASES Green Job Report

CREs Happenings by Tony Frank

Downtown Denver Sustainability Demonstration Park:
CREs partners with Denver Housing Authority (DHA) to manage
2.4 acre block of sustainability demonstration projects.



*CREs Marketing & Communications Committee Members
gather for a tour of the future park site*

CREs and DHA presented their unique partnership on Thursday, October 21, at 3 pm to construct and manage a 2.4 acre multi-disciplinary sustainability park on the 2500 Block in the Curtis Park neighborhood in downtown Denver. The project will serve as a demonstration and education center for technologies, programs and design elements that advance a vision for healthy communities and sustainable development. Major goals for the project include:

- Demonstration Projects and Pilot Programs
- Research and Development
- Promote Renewable Energy and Sustainable Design
- Community Outreach and Education
- Green Job Training

Along with renewable energy and energy efficiency technologies, the project will include urban farming and transportation alternatives. DHA has already committed the land and initiated the conceptual design phase. For more information, or to support this project, contact Tony Frank at t.frank@ces-energy.org or at 303-806-5317, X81.

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The November meetings of the Colorado Renewable Energy Society will take place at a new location. It will be held at the **Arapahoe Community College, Main Building, Half Moon Room, M1800, 5900 S. Santa Fe Drive, Littleton, CO.** The meeting will begin at 7:00pm. Due to the large number of holiday activities during the month there will **not** be a CREs meeting in December.

The **November** meeting will be held on **Thursday, November 18.** The principal speaker will be **Brad Collins**, former Executive Director of the American Solar Energy Society (ASES). His topic will be ***An Update on the ASES Green Job Report.***

The report, prepared in late 2009 by ASES in conjunction with Management Information Services, Inc. (MISI), provided a sector-by-sector analysis of where the opportunities were in the rapidly changing renewable energy and energy efficiency industries. It reported that the renewable energy and energy efficiency industries represented more than 9 million jobs and \$1,045 billion in U.S. revenue in 2007 and that the industry grew three times as fast as the U.S. economy. Brad will bring us up-to-date on where we stand today.

Brad was the ASES Executive Director from 2001 until October of this year. During his career he has served as organizational manager, and chief development officer. He holds an MA in Sociology from U. of Colorado and an MBA from Regis University.

CREs Monthly Meeting Accessible via WEBCAST

To access the CREs webcast go to www.ces-energy.org, click on *Events* and *CREs Meetings*, then follow the "webcast instructions" posted there.

Colorado Calendar

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

November 18-19... 2010 Southern Colorado Sustainability Conference. Presented by the Catamount Institute. On Thursday, November 18 the Conference will feature a presentation of a State of the Region report and an exposition (free and open to the public). On Friday, November 19, there will be a full day conference with a keynote luncheon. *Location:* Antler's Hotel, 4 South Cascade Ave., Colorado Springs. For further details visit www.ppsbn.org or call Jackie Rockwell at 719-471-0910, Ext.101.

December 3... RE Tool: Developing Business and Careers in the New Energy Economy (The Promise of Energy Efficiency). Presented by the Deming Center for Entrepreneurship at CU-Boulder. An intensive certification program providing an in-depth look at renewable energy technologies and policies. *Location:* Leeds School of Business, University of Colorado, Boulder. For further details visit www.leeds.colorado.edu.

December 7... CRES Volunteer Party. Contact Sheila Townsend at s.townsend@cres-energy.org.

December 8-9... Colorado ENERGY STAR Summit and Awards Banquet. A two-day tradeshow and product exhibition presented by Affordable Comfort, Inc. (ACI). This is a regional event offering direct access to the leading subject-matter experts with carefully crafted in-class educational sessions, hands-on experiences, and networking opportunities. *Location:* Marriott Denver Tech Center, Denver. For further details visit www.affordablecomfort.org/event/colorado_energy_star_sup_summit.

December 9... CRES Legislative Day. Meet and engage with many of the states elected officials and government leaders. For further details see listing under *CRES Happenings* in adjacent column.

CRES Happenings (continued)

CRES Member Discount Rate for NABCEP Training with Independent Electrical Contractors (IEC) Rocky Mountain



Educating Tomorrow's
Energy Contractor

IEC Rocky Mountain (www.iecrm.org) is offering all CRES members a discounted tuition rate for IEC Energy Academy courses including the upcoming North American Board of Certified Energy Practitioners (NABCEP) training course that begins in November. NABCEP is the gold standard for PV and solar thermal installation certification. The next NABCEP Certified Installer test is March 2011. In order to be eligible to sit for the test you must have:

- + 40 hours of approved training;
- + completed 2 PV system installations; and
- + exam application returned to NABCEP by January 14, 2011

To sign up for courses and read course descriptions, visit <http://www.iecrm.org/Academy.aspx>. Be sure to note that you are a CRES member on the online registration form to receive deep tuition discounts. IEC Rocky Mountain will confirm your CRES membership soon after registering.

CRES Legislative Day at the State Capitol, December 8, 8 a.m.

The policy committee is organizing CRES Legislative Day for members to meet and engage in with many of the states elected officials and government leaders. This is our chance to get a preview of potential legislation for the 2011 session and to provide valuable input to our policy makers. The committee will also share its key findings of local policy clean energy innovations and hurdles taken from interviews across the state with officials at leading rural electric associations, municipal utilities and counties. Join us on December 9 starting at 8 a.m. in the Old Supreme Court Room of the state Capitol. RSVP at policy@cres-energy.org.

News from our Regional Chapters - NCRES and SECRES

The Southeastern Colorado Renewable Energy Society's (SECRES) board met on October 18 at Colorado State University-Pueblo and discussed their successful solar tours in Pueblo and Colorado Springs and plans for the coming year. SECRES is now accepting board member nominations and will elect new board members in January. Look for an announcement soon for an early November public event: prize winners at the Pikes Peak Region Solar will be able to pick up their prizes at the event.

The Northern Colorado Renewable Energy Society (NCRES) has two meetings coming up starting at 7 p.m., on the second Tuesday of each month at Odell's Brewery near old town Ft. Collins:

- November 9 - All about Solar Thermal: How it works and how much it saves.
- December 14 - Annual Seasonal Party and election of new board members for next year.

NCRES also ends a big thanks to Doug Odell, who at the last presentation showed how he put sustainability first for the large addition just completed at his brewery. The addition included a 77 kW solar array on the warehouse roof. NCRES also thanks Odell Brewery for being a great supporter over the years.

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PRESIDENT'S CORNER

2010 is already winding down and what a year it has been for CRES!

The changes started several years ago with the realization that CRES is uniquely situated to be a hub organization for the community at large that is interested in a more sustainable and prosperous future. From creating a more formal structure to developing a deeper relationship with like-minded organizations throughout Colorado and the West, CRES has strengthened its base and its messages.

The Annual Meeting at the Colorado History Museum (with the silent auction), CREC in Montrose, and the Tour of Solar Homes - in conjunction with the first Tour of Commercial Solar Installations - jointly with the Boulder CRC Tour, showed how the volunteers of CRES can really have an impact. With the Green Jobs Fair at Arapahoe Community College on October 23rd and the new partnership with the Denver Housing Authority (Denver Sustainability Demonstration Park), CRES is working hard to expand its offerings and connections. The membership has increased substantially during 2010: both individual and corporate member numbers have increased.

During October we have received 10 nominations for new Board members and they are being interviewed for recommendations to the Board for a November vote. Thanks to everyone who nominated prospective Board members and to the individuals that are interested in serving on the Board of CRES. And CRES owes many thanks to the individuals that are leaving the Board for the exceptional assistance, guidance and service they have provided.

In the same spirit, I remind you that CRES has several committees that could use your expertise or wisdom and urge all CRES members to volunteer a couple of hours a month by joining a committee (or several). The list of Committees is available on the website under the CRES button on the home page www.cres-energy.org. For CRES events for the remainder of the year, please check the ever-changing website. Please remember to contact any Board Member or Staff Member for additional information or suggestions.

As I close, I really want to thank Sheila Townsend, Pat Grossman, Phil Von Hake, and now Tony Frank and Ariel Braude for all the extra hours they have spent on CRES over the year. As the Staff of CRES, they have always gone out of their way to support all of our efforts. Please thank them personally when you have the chance.

Thank you all for your continued support of the Colorado Renewable Society. It's been a terrific year and I'm looking forward to continued growth and development for CRES in 2011.

Thom Johnson, President

~FAREWELL~

For the last 15 years I have served as writer/editor/publisher of CRES NEWS. It is a service that I have enjoyed immensely and have relished the support and acclaim of my readers no end. But it is now that time to retire. The character of CRES NEWS is about to change. The content will henceforth be dictated by the CRES Executive Director; the design is currently being revamped by a subgroup of the Marketing and Communications Committee of which I have not been a part. As such, there will be little need for a writer/editor; rather what will be required is a typeset/layout artist. It is better, therefore, that I leave now. My thanks to all of my faithful readers, and my best wishes for the continuing success of CRES NEWS.

-Paul Notari

CRES NEWS

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www.cres-energy.org

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CRES Happenings (continued)

NCRES (continued)

NCRES has created two more videos from the 2010 Solar Tour which had several inspiring home systems. (www.youtube.com/watch?v=ernhQr1Skb0) and a large 15 acre solar electric installation to get lost in (www.youtube.com/watch?v=6V2xa0x34).

Mark Your Calendars! June 2-4, 2011 Statewide Conference at Ft. Collins Marriott.

The 2011 Colorado Renewable Energy Conference (CREC) planning committee is hard at work developing an exciting program for our statewide conference in Fort Collins on June 2-4. Mark your calendar for

this special 15 year celebration of CRES. The program will feature tracks providing resources for schools and educators; tools and connections to advance community based renewable energy development; real estate agent certification programs; and green design with LEED information and seminars. The conference will also include a tour of local beer breweries showing their sustainability projects. Up to 50 exhibitors will be there.

You can reserve your hotel room now at the special hotel conference rate of \$99 by calling the Ft. Collins Marriott. Early registration for the conference will begin in January. For sponsorship or exhibit opportunities contact Sheila Townsend at s.townsend@cres-energy.org or 303-806-5317, X82.

ROSTER OF CRES BUSINESS MEMBERS

We thank the following organizations for their continuing support

8z Real Estate	Double D Diversified, Inc.	Poudre Valley REA
Adobe Solar	Eco Direct	Real Goods Solar
Advanced Energy Systems, LLC	EMC Engineers	Red Rocks Community College
Aerie Bridge Solutions, Inc.	Energy Environmental Corp	Resolution Energy, Inc.
All American Rolling Shutters	Energy Outreach Colorado.	Rocky Mountain Farmers Union
Apex Risk Solutions	Enemodal Engineering	Shadows Ranch Resource Recovery Center
Arapahoe Community College	Foodbank of the Rockies	Sherwood Associates
Arise Energy Solutions, LLC	GCG Financial, Inc.	Silvertip Integrated Eng. Consultants
Astralux Environmental Solutions	Golden Solar	Simple Solar
Balanced Construction	Hicks Health and Safety, LLC	Simply Efficient
Bella Energy	Hydro Electric, LLC	Solar Energy Quest
Black Hills Energy	Innovative Energy	Solar TEK Energy of Denver, Inc.
Blakely & Co.	Integral Energy Systems	SolSource, LLC
Bright Idea Energy Solutions, LLC	Jefferson Unitarian Church	South Metro Denver Chamber of Commerce
Broomfield Workforce Center	Jim Logan Architects P.C.	Standard Renewable Energy
Brownstein Hyatt Farber Schreck, LLP	Juwi Solar, Inc.	Starfire Energy, LLC
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Chamberlin Architects	Lightly Treading Energy & Design	Sun Oneness Solar
CITRON Workspaces	Low Energy Systems	Sun Talk Solar
City of Ft. Collins - Climate Wise	Megginson & Assoc.	Sustainable Solutions, Inc.
Colorado Springs Utilities	Metro West Housing Solutions	Syndicated Solar, Inc.
Community College of Aurora	Mi Cocina Mexican Restaurant	T Allen Agency, Inc.
Compass Wind, LLC	Mountain Muse Communications	Telluride Energy, LLC
Continental Control Systems	Namaste Solar	The Fort Restaurant
Cool Energy, Inc.	New Energy Development, LLC	Town of Superior
Delta Montrose Rural Electric Assoc.	NexGen Energy Partners	Vibrant Solar, LLC
Delta Wind Energy	Own Energy, Inc.	Western Culture Resource Mgmt., Inc.
Denver Museum of Nature & Science	Pikes Peak Workforce Center	Western Resource Advocates