



# CRES NEWS

Newsletter of the Colorado Renewable Energy Society

VOL. 15 • NO. 5

A Chapter of the American Solar Energy Society

SEPT./OCT. 2010

## Sept. Meeting - *Solar Trends & Developments* Oct. Meeting - *The Coming Water Crisis in the West*

### Solar & Green Homes Tours



**CRES Denver Area Car Tour**  
**Saturday, September 25, 2010, 9am-4pm**  
*\$5.00 per person*

#### Main Registration & Exhibit Location:

NREL Visitors Center - 15013 Denver West Parkway, Golden

#### Satellite Registration & Guidebook Pick-up Location:

Habitat for Humanity Building - 3245 Eliot St, Denver

**CRC\* Boulder County Car Tour**  
**Sunday, September 26, 2010, 10am-4pm**  
*\$5.00 per person*

#### Registration Locations:

**Boulder:** Center for ReSource Conservation, 2639 Spruce St

**Louisville:** Louisville Library, 951 Spruce St

**Nederland:** Nederland Visitor Center, 2 West 1st St (just past the traffic circle)

\*Center for ReSource Conservation

(See following pages for more Tour Information)

The September and October meetings of the Colorado Renewable Energy Society will take place 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 meetings will begin at 7:00 pm** and there will be a reception to follow.

The **September** meeting will be held on **Thursday, September 23**. A panel of experts, headed by **Jeff Scott**, will discuss the latest trends and developments in solar technologies. Jeff is President of SolSource, one of Colorado's pre-eminent solar energy firms. Jeff served as President of the Colorado Renewable Energy Society during 2008 and is a frequent speaker at energy and green building related events across the country.

The **October** meeting will be held on **Thursday, October 28**. The principle speaker will be **Brad Udall**. The topic of his talk will be *Water in the West - The Coming Crisis*. Brad is on the research faculty of the University of Colorado where he serves as the director and principal investigator of the CU-NOAA Western Water Assessment. A second speaker, **Robin Newmark, Ph.D.**, Director of the Strategic Analysis Center at NREL will relate how renewable energy technologies are involved in water conservation. Dr. Newmark is an active member of the multi-national laboratory Energy-Water Nexus working group.

#### CRES Monthly Meeting Accessible via WEBCAST

To access the CRES webcast go to [www.cres-energy.org](http://www.cres-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.

### SPECIAL CRES FUNDRAISER

**September 10... Community Giving Day.** The Denver West Whole Foods Market will donate 5% of the net sales for the day to CRES. Members are urged to shop there on September 10. Location: 14357 W. Colfax Ave., Golden. For details visit [www.wholefoodsmarket.com](http://www.wholefoodsmarket.com).

### OTHER CRES EVENTS

**September 15...Solar Mixer.** Join CRES and other leaders of Colorado's New Energy Economy for a social gathering at the green-built home of Pat & Bob Grossman. See box at right for further details.

**September 17...CRES Tour of Commercial Buildings.** Join CRES for a guided tour of the newest and greenest commercial buildings throughout Metro Denver. A special feature of the event will be a tour of the new NREL administrative building that includes the latest innovative solar and energy efficiency technologies. Other NREL buildings, incorporating the latest renewable energy technologies, will also be visited. The tour starts at 9:00am and will finish at 4:00pm. For complete details and to make a reservation visit [www.cres-energy.org/tour/commercial.html](http://www.cres-energy.org/tour/commercial.html).

**October 23...Colorado Green Jobs and Career Resources Fair.** Discussions on green companies in Colorado and the latest happenings in the Colorado green jobs economy. Organizers include CRES, Arapahoe Community College, South Metro Denver Chamber of Commerce, Blue Sky Colorado and Goodwill Industries. Location: Arapahoe Community College, 5900 S. Santa Fr Dr., Littleton. For details visit [www.coloradogreenjobsfair.com](http://www.coloradogreenjobsfair.com).

## Solar Mixer

**Wednesday, September 15 6:00 PM**

**At the Dadisman-Grossman Solar Home in Golden**  
15040 W. 52nd Ave.

Join CRES and leaders of Colorado's New Energy Economy for a "solar mixer" at one of the newest green-built homes in the Denver area....Delicious Food! ... Beer and Wine Included!....Great Music by Bright Henry, featuring CRES's own **Doug Seiter** on bass.

Reservations are required, and the cover charge helps support CRES's continuing mission of energy education & outreach.

\$25 per person or \$40 per couple.

Call **303-806-5317** or make your reservations online with PayPal on the CRES Website, [www.cres-energy.org](http://www.cres-energy.org).

### Other CRES Solar/Green Homes Tours

**NCRES Solar Tour, Saturday October 2, 10 am-4 pm....**This year NCRES will be highlighting 9 diverse projects in the northern Front Range. Purchase guidebooks at the NCRES' booth at the Sustainable Living Fair, September 18-19, or throughout Ft. Collins thereafter. For more information contact Scott Peters at [scott.peters@ncres.org](mailto:scott.peters@ncres.org).

**SECRES Solar Tour, Colorado Springs, October 2, 9 am - 4 pm...** Hosted at Colorado Technical University, 4435 N. Chestnut St., Colorado Springs. Includes homes and businesses in the Colorado Springs area that use solar energy to generate electricity, hot water or space heat. For more information contact Cliff Kotnik, at [clkotnik@att.net](mailto:clkotnik@att.net) or 719-484-2284.

### Other Colorado Solar Tour Cities

<u>Tour City/County</u>	<u>Date/Time</u>	<u>Info/Registration</u>
Durango/Garfield Cty	Oct 2, 10am-2pm	970-947-9613
Pikes Peak Region	Oct 2, 9am-4pm	719-484-2284
Southwest Colorado	Oct 2, 9am-2pm	970-259-1916
Estes Park	Sept. 25, 10am-3pm	970-586-3913
Glenwood-Carbondale	Oct 2, 10am-4pm	<a href="mailto:peregrine@rof.net">peregrine@rof.net</a>
Longmont/SolarGardens	Oct 2, 10am-3pm	303-587-5254
Steamboat Springs	Oct 2, 9am-4pm	<a href="mailto:ggunn@steamboat-springs.net">ggunn@steamboat-springs.net</a>
Westminster (Solar Gardens Institute)	Oct 2, 9am-4pm	<a href="http://www.solargardens.org">www.solargardens.org</a>

### Denver Solar/Green Home Bus Tour

A guided bus tour is available for **September 25 Denver** tour participants between 8-30am - 4:30pm. The price is \$45.00 including lunch. Space is limited and reservations are required. To make your reservation go to the CRES website at [www.cres-energy.org](http://www.cres-energy.org) or call 303-806-5317.

## PRESIDENT'S CORNER

### CRES Members,

Please enjoy this quick update on changes in CRES over the last five months:

- CRES has an intern, Ariel Braude, who has been helping get the membership letters out plus many other tasks. Particularly she has taken over the maintenance of our MeetUp service that Jesse Truax created. She currently is majoring in Environmental Studies at CU. Please welcome Ariel.
- Jesse Truax moved to the West Coast and started a great new job. Thanks are owed to him for getting us up to speed in the social networking arena.
- The membership database is being transferred to the e-Tapestry software that CRES purchased. Many thanks to Pat Grossman for her efforts to get the software, maintain the database, transfer the information and keep us on track.
- The CRES website is updated frequently now so please visit [www.cres-energy.org](http://www.cres-energy.org) early and often. Thanks to the volunteers on the Marketing and Communications Committee.
- An audit of CRES financials has been completed thanks to Larry Christensen's continuous efforts to keep CRES professional.
- The 2009 Annual Report is complete and posted on the website. A really nice job was done by all.

Please make special note of the following CRES events highlighted throughout this newsletter and participate in as many as possible.

- September 10 - Community Giving Day at Whole Foods
- September 17 - CRES Tour of Commercial Buildings
- September 21 & 28 - Home Energy Efficiency Workshops
- September 25 & 26 - Solar/Green Home Tours in Denver and Boulder
- October 23 - Green Jobs and Career Resources Fair

The Fund Development Committee is always looking for more volunteers, especially this Fall, as CRES helps develop a Sustainability Park with the Denver Housing Authority in the Curtis Park neighborhood. We need ideas for projects to be built on a dedicated site that can help transform an urban location into a sustainability center for a local community. Hopefully, this becomes a model for future locations throughout the city.

We need nominations for Board Members for 2011 as there are several Board seats expiring on December 31. Please start thinking about individuals who you would like to see help CRES continue to evolve and improve. Nominations will be accepted via a link on the website soon.

As always, please contact any Board Member or Staff Member with any suggestions or questions. And thank you for your continued support of CRES.

Thom Johnson, *President*

### CRES NEWS

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

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*Member Records:* Pat Grossman

*Accountant:* Kris Green, CPA

### CRES "HOTLINE"

303-806-5317

**CRES INTERNET NOS.**

e-mail: [info@cres-energy.org](mailto:info@cres-energy.org)

Web: <http://cres-energy.org>

### Student/Teacher Corner

**What do you know about electric cars?**

In the months ahead we will see new cars that run only on electricity or use both electricity and gas (oil). How many miles in a car do you and other members of your family travel on an average day? Will an electric car meet your daily travel needs without a backup gasoline engine? Share your views at [schools@cres-energy.org](mailto:schools@cres-energy.org).

## Colorado Renewable Energy Society

P.O. Box 933  
Golden, CO 80402

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## Solar Seminars

### CRES Denver Metro Seminars

*Sponsored by SolSource*

- **September 21, 6-8pm**  
*An Intro to Solar Energy and Conservation -  
John Avenson*  
NREL Visitors Center  
15013 Denver West Parkway, Golden  
Admission: \$5.00
- **September 28, 7-9pm**  
*Energy Efficiency and Affordable Housing -  
Mike Amoroso*  
*Converting Energy-Sucking Home to an Energy  
Generator - Steve Stevens*  
Habitat for Humanity Building  
3245 Eliot Street, Denver  
Admission: \$5.00

### CRC Boulder County Seminars

- **September 22, 5:30-8:30pm**  
*Energy Use in Green Retrofits vs. Conventional Homes - A Tour Preview*  
Center for ReSource Conservation  
2639 Spruce Street, Boulder  
Admission: \$25.00 (includes dinner)
- **September 19, 6-8pm**  
*Applying Tour Technologies to Your Home  
and Available Technologies*  
Same address as preceding seminar  
Admission: \$5.00

**Info/Regis:** [www.conservationcenter.org](http://www.conservationcenter.org)

**Info/Regis:** [www.cres-energy.org/events/tour](http://www.cres-energy.org/events/tour)

### ROSTER OF CRES BUSINESS MEMBERS

**We thank the following organizations for their continuing support**

8z Real Estate	Denver Mus'm Nature & Science	Real Goods Solar
Adobe Solar	Double D Diversified, Inc.	Red Rocks Community College
Advanced Energy Systems, LLC	Eco Direct	Resolution Energy, Inc.
Aerie Bridge Solutions, Inc.	EMC Engineers	Rocky Mountain Farmers Union
All American Rolling Shutters	Energy Environmental Corp.	Shadows Ranch Resource Recovery Center.
Apex Risk Solutions	Enermodal Engineering	Sherwood Associates
Arapahoe Community College	GCG Financial, Inc.	Silvertip Integrated Eng. Consultants
Arise Energy Solutions, LLC	Golden Solar	Simple Solar
Astralux Environmental Solutions	Hicks Health and Safety, LLC	Simply Efficient
Balanced Construction	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
Center for Systems Integration	Kyocera Solar, Inc.	Stellar Roofing and Solar, Inc.
Challenge International, Inc.	Larson Electric, Inc.	Stem & Curray, LLP
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	Mi Cocina Mexican Restaurant	Syndicated Solar, Inc.
Community College of Aurora	Mountain Muse Communications	T Allen Agency, Inc.
Compass Wind, LLC	Namaste Solar	Telluride Energy, LLC
Continental Control Systems	NexGen Energy Partners	The Fort Restaurant
Cool Energy, Inc.	Own Energy, Inc.	Vibrant Solar, LLC
Delta Montrose Rural Electric Assoc.	Pikes Peak Workforce Center	Western Culture Resource Mgmt., Inc.
Delta Wind Energy	Poudre Valley REA	Western Resource Advocates