



CRES NEWS

Newsletter of the Colorado Renewable Energy Society

VOL. 13 • NO. 8

A Chapter of the American Solar Energy Society

SEPTEMBER 2008

State of Solar Energy in Colorado

Featured Topic for September Meeting

Denver Tour of Solar Homes Saturday, October 4



A Sample Home to be Shown on the 2008 Tour

On Saturday, October 4, CRES will be hosting the **13th Annual Denver Tour of Solar and Green Built Homes**. The tour will include eleven homes throughout the metro Denver area. The theme of the tour is "Real Places for Real People" and will feature homes using the latest in renewable energy, efficiency and green building technologies. It is part of the National Solar Tour, organized and promoted by the American Solar Energy Society.

A wide variety of homes featuring the latest solar and energy efficiency technologies will be open to our tour guests for the full day. Volunteer guides will be located at each location to explain the features of the building being displayed. The public is invited to register from 8:30am to 3:00pm for the self-guided tours. However, for our special bus tour (see page 2), guests must preregister beforehand. The fee for the self-guided tour is **\$20 per carload**; for the bus tour, **\$45** (includes lunch).

There will be two registration locations. On the west side, tour participants may register at the **National Renewable Energy Laboratory Visitors Center (NREL)** at 15013 Denver West Parkway (take I-70 to Exit 263 and follow the signs). In central and south Denver, tour participants may register at the **First Universalist Church of Denver** at 4101 E. Hampden Avenue (NE corner of Hampden Ave. and Colorado Blvd.). Tour maps will be provided to participants when they register.

As an adjunct to the tours, two **Smart Energy Living** workshops will be presented on September 25 at the NREL visitors center and September 29 at the Denver Botanic Gardens. They will describe how to save energy and money, live healthier, and protect the environment. For further information and to register go to www.SmartEnergyLiving.org.

The next meeting of the Colorado Renewable Energy Society will take place at **5:30pm on Thursday, September 25, 2008**. The location is the **Jefferson Unitarian Church** at 14350 W. 32nd Ave. In Golden. (You can take I-70 to exit 264, and then go west on 32nd Ave. for about 1 mile... or you can go north or south on any intersecting street and go west on 32nd Ave. about 1 mile past the I-70 interchange).

Our featured speaker for the evening will be **Jeff Scott**, President of SolSource, LLC. and current President of CRES. He will be speaking on "The Current State of Solar Energy in Colorado: Our Bright Future". He will stress that it is time to review the opportunities available for integrating standard and emerging solar and wind technologies for Colorado home and small business owners. In addition, he will cite success stories that will highlight the major strides the industry has made over the past few years.

In the early 1990s, Jeff began to link his belief in sustainable design to his strong environmental values and business skills. He founded SolSource in 2003, an engineering firm based on these principles. Jeff has a Bachelors Degrees in Business and Computer Science from Miami (Ohio) University

CRES Monthly Meeting Now Accessible via WEBCAST

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

1. CRES Chapters - **5:00pm** or earlier
2. 3+ CRES Memb - **5:10pm** or later
3. All others - **5:20pm** or later (until connections are exhausted-15 max)

Colorado Calendar

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

September 20-21...Rocky Mountain Sustainable Living Fair. Solution based, hands-on family oriented event to educate people about sustainable living practices. *Location:* Fort Collins. For details visit sustainablelivingassociation.org/thefair.

September 22-24...Hydrogen from Renewables. Panel discussions by experts from around the world discussing hydrogen production, policy, planning, and commercialization. *Location:* Golden. For details visit www.hydrogenforums.org.

September 24...Making Cents Out of Going Green. Aimed at employers to teach them how to develop a greening strategy for their business. *Location:* Omni Interlocken Resort, Broomfield. *Time:* 7am-9:30am *Fee:* free including breakfast. For details and to reserve a seat call 303-464-5894.

September 27...Sustainability Showcase and Celebration. Celebrating the efforts of local businesses and organizations helping to make your life greener. *Location:* Orpheum Theatre, 409-1/2 E. Main St., Buena Vista. For details visit cmcneverstoplearning.com.

October 2-5...Colorado Environmental Film Festival. Showing world-class environmental films and presenting topical forums and discussions on the environment. *Location:* American Mountaineering Center, 710 10th St., Golden. For details visit www.ceff.net.

October 14...Colorado's New Energy Economy: The Path Forward. Presented by the Governor's Energy Office and six cosponsors. To showcase best practice models that power communities into an efficient renewable future. *Fee:* \$125 *Location:* Colorado Convention Center, Denver. For details visit www.colorado.gov/energy

The Solar Powered Carriage House at the Governor's Mansion Will be the Highlight of the 2008 Solar Home BUS Tour



Again this year we will be offering a special bus tour of selected solar homes. Featured on this tour will be the solar powered carriage house at the Governor's Mansion. Only those taking the bus tour will be allowed into this special venue. The fee for the bus tour is **\$45 per person**. To reserve a spot on the bus tour go www.cres-energy.org or call the CRES hotline at 303-806-5317.

Summary of Colorado Solar Home Tours

Denver Tour of Solar and Green Built Homes

Date: October 4, 9am-4pm

Tour City or Community: Denver, Golden, Lakewood

Tour Presented by: Colorado Renewable Energy Society

Tour Description: Featured are 11 homes located in two areas - downtown Denver and Golden, with one home geographically located between the two. All of the solar technologies are represented on the tour this year!

Tour Fee: \$20 per carload, \$45 - guided bus tour with lunch

Registration: Register at one of the following locations at the time of your departure: (1) the NREL Visitor's Center at the west end of Denver West Blvd. and I 70 (turn north at the exit ramp and then west on Denver West), or (2) at the First Unitarian Church at 4101 E Hampden Ave., Denver. You may also register on our web site (CRES-energy.org) later in September.

Information Contact: Sheila Townsend at 303-806-5317; stowndsend@wildblue.net

Boulder Solar Home Tour

Date: Sunday, October 5th, 2008, 10am-4pm

Tour City or Community: Boulder, Louisville, Lafayette

Tour Presented by: Center for ReSource Conservation

Tour Description: The premier opportunity for homeowners to see firsthand that green homes are comfortable, practical, reliable, and affordable. *Tour Fee:* \$10 Register and pay online! Walk-in acceptable.

Registration: Begin tour by registering at the new CRC office, 2639 Spruce Street, Boulder, CO, 80302.

Information Contact: Yuki Iida at 303-999-3820 x215; solarweek@conservationcenter.org

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CRES CORNER

ROSTER OF CRES LIFE MEMBERS

A lifetime CRES membership is available to all individuals for a one-time fee of \$750. Life members are entitled to all member privileges for the rest of their lives. Listed following are the current CRES LIFE members:

Steve Andrews	Graham Hill	Randy Manion
Pat Bailey	Susan Hock	Joseph McCabe, P.E.
Doug Balcomb	*H.M. (Hub) Hubbard	Paul Notari
Dave Bowden	Thom Johnson	Timothy L. Olsen
*Richard Crowther	Walt Kaesler	Jan Peterson
Martha Davis	Thomas Konrad	Steve Sargent
Megan Edmunds	Chuck Kutscher	Sherry Walker
Dave Emery	Ronal Larson	Peter van der Mersch
Patricia Emery	Scott Lowry	Byron Winn
Dakers Gowans		Meg York

**deceased*

New Solar Training Program Launched

Arapahoe Community College, Corporate Learning Division has added a new "Solar Energy Industry Training Program" to its curriculum. The program will have two separate tiers; one on photovoltaics and the other on solar thermal, with emphasis on solar hot water. The PV Industry Training Program will include 5 weeks of classes along with three required 3-hour workshops. The course will be presented in November 08 and again in March 09. The Solar Thermal Training Program will also include 5 weeks of classes and three required 3-hour workshops. This course, however, will only be offered in the spring - March 09.

Both programs require four days of installation including 4 hours of onsite installation lab. Both programs will include industry guest speakers, updates on renewable energy legislation and rebates, as well as industry tours. For further information and a schedule of classes, go to www.coloradotraining.com or call 303-743-3701

EcoArts 08

Once again CRES will be cosponsoring a series of *EcoArts* festivities that will be taking place in Denver, Boulder, and Fort Collins. These festivities will include performances, exhibits, talks, tours, and other activities aimed to inspire all. Offerings will include conversations on climate change and sustainable living, sparked by related art exhibitions. Events will take place between September 12 and October 9. Some of the topics to be highlighted will be *Balancing Act - Visions for a Sustainable Future*, *NCAR Focus on the Arts*, *Get to Know Your Energy Sources*, *Silavutu-Inuit Voices in a Changing World*, *How Artists Can Play a Role in Sustainability* and more. For further details, go to www.ecoartsonline.org or call 303-449-2128.

CRES NEWS

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P.O. Box 933

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The address of the editorial office is:
7877 E. Mississippi Ave. Ste 1504
Denver, CO 80247

Phone or Fax: 303-377-0711

e-m: paulnotari@cs.com

Editor: Paul Notari

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COMING CRES MEETING

Unless otherwise noted, CRES monthly meetings will be held at the Jefferson Unitarian Church, 14350 W. 32nd Ave., Golden. The meetings customarily take place on Thursdays and begin at 5:30pm.

October 23...CRES Monthly Meeting. *Topic:* "Peak Oil: Genuine Problem". Presented by **Steve Andrews** and **Morey Wolfson**, Board members of the Association for the Study of Peak Oil.

REGISTER NOW!

2nd Annual "New Energy Economy" Conference

TUESDAY OCTOBER 14, 2008

Colorado Convention Center

Sponsored by the Governor's Energy Office
and six cosponsors

www.colorado.gov/energy

CRES "HOTLINE"

303-806-5317

CRES INTERNET NOS.

e-mail: info@cres-energy.org

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

Colorado Renewable Energy Society
P.O. Box 933
Golden, CO 80402

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Summary of Colorado Solar Home Tours - *continued*

9th annual LaPlata Solar Tour

Date: Saturday, October 4, 2008 9am-3pm
Tour Area: Durango and surrounding area
Tour Presented by: LaPlata Solar Tour volunteers
Tour Description: Showcasing active solar applications in residential and commercial settings.
Tour Fee: \$5
Registration: Register at Fort Lewis College, Noble Hall, Room 130 on Friday evening Oct 3, or at the Durango Farmers Market booth on Oct 4, or at EcoHome Store, 1120 Main Ave. Durango.
Information Contact: Diane Mee 970-588-3641 atevans@gobrainstorm.net

New Castle ASES National Solar Tour

Date: October 4, 2008, from 10am.-2pm.
Tour City or Community: New Castle, Garfield County
Tour Presented by: New Castle Environmental Advisory Committee
Tour Description: Residences exhibiting solar photovoltaic and a new solar thermal technologies.
Tour Fee: Free
Registration: Pending
Information Contact: David Schroeder 970-984-3565

Northern Colorado Solar Tour

Date: October 4, 2008
Tour City or Community: Fort Collins
Tour Presented by: Northern Colorado Renewable Energy Society
Tour Description: "Low Energy Homes for a Clean Energy Future."
Tour Fee: \$5
Registration: Go to www.ncres.org
Information Contact: Greg Behm, greg.behm@ncres.org

Pueblo- Solar Thermal Coffee Roaster Tour

Date: October 4th, 3 tours, at 11am, 12pm, and 1pm
Tour City or Community: East of Pueblo
Tour Presented by: Solar Roast Solar Thermal Coffee Roaster
Tour Description: Participants will be given a free tour of the WORLD'S ONLY solar thermal hybrid coffee roaster.
Tour Fee: Free
Instructions for taking this tour: Meet at 226 N. Main St (Solar Roast Coffee House) for a map and directions.
Information Contact: Mike Hartkop 719-544-2008; mike@solarroast.com

ROSTER OF CRES BUSINESS MEMBERS

We thank the following organizations for their continuing support

Adobe Solar	Ecostream USA.	Progressive Asset Management
Astralux Environmental Solutions	EMC Engineers	REC Solar
Balanced Construction	Enermodal Engineering	Rocky Mountain GeoExploration
Bella Energy	Golden Solar	SELA - Smart Energy Living Alliance
Burdick Technologies Unlimited, LLC	Hart Project Design	Shumei International Institute
CH2M Hill	ICAST	Simply Efficient
Challenge International, Inc.	Innovative Energy	Smart Wheels, Inc.
City of Fort Collins - Climate Wise	Jefferson Unitarian Church	SolSource, LLC.
CO Homefinder.com	Jim Logan Architects P.C.	Solar Energy Quest
Colorado Springs Utilities	Kurowski Development Company	Solar TEK Energy of Denver, Inc.
Community Office for Resource Efficiency	Kyocera Solar, Inc.	Starfire Energy, LLC
Conundrum Energy	Low Energy Systems	Sustainable Solutions, Inc.
Cool Energy, Inc.	Metro Solar Inc.	The Neenan Company
Delta Montrose Rural Electric Association	Namaste Solar	Western Resource Advocates

Special thanks to **Bella Energy** for support of CRES Programs for 2008.