



**CLEANTECH NEWS BULLETIN, 10/12/09**

**VOL. 12**

CCIA is YOUR membership organization. Please let us know if you would like to become involved in any of CCIA's various committees. Consider joining the Membership, Public Policy, Workforce Development, Marketing/Communications or Programs Committees to meet other CCIA members and help drive our 2010 agenda. Members are also invited to participate in existing and developing cleantech working groups.

Working groups have been convened to clarify issues, formulate strategies, develop action plans and author white papers to help CCIA maintain its leadership role in the state. Current active working groups are in place around smart grid and biofuels and we would like to find out if there is interest in developing working groups around building efficiency, clean extraction technologies and transportation. Please contact Chris or Shelly at 303-623-2690 and let us know if you would like to become more involved.

## **2009 COLORADO ECONOMIC FORUM REVIEW**

During the week, Chris and I attend various meetings and events that help us try to keep up with the myriad of issues surrounding the constantly evolving cleantech industry. We are also working to meet with groups outside of the traditional cleantech world to glean information and resources that our members may find interesting. Along these lines, we wanted to share with you the presentation from last week's **2009 Colorado Economic Forum**. While not exactly upbeat, Mark Snead, the Denver Branch's Executive and Regional Economist provided a fascinating look at the state of the current regional economy and insight into the Fed's views on Colorado's rate of recovery. Please use the following link to take a detailed look at Mr. Snead's presentation.

[2009 Colorado Economic Forum](#), Mark Snead, Branch Executive and Regional Economist, Kansas City Federal Reserve Bank, Denver Branch

## **CCIA SMART GRID SERIES, SESSION 2, SMART GRID: THE TECHNOLOGY - OCTOBER 28, 2009**

***Free for CCIA Members! - Registration will close at 5:00 p.m. on October 23rd***

***Please join the Colorado Cleantech Industry Association and Faegre & Benson LLP on October 28, 2009, from 7:30—10:00 a.m. for the 2nd in our 3 part smart grid series.***

We are pleased to announce the second session in our "Smart Grid, Technology and Colorado" series, **Smart Grid: The Technology**. As smart grids transform the way power is delivered, consumed and accounted for, Colorado is well positioned to capitalize on this transformation. Smart grid technologies hold the potential to dramatically decrease energy consumption, reduce peak loads and tap Colorado's abundant renewable resources.

However, significant technological challenges need to be addressed to enable smart grids' full potential, such as physical and network security, integration with renewable energy sources such as wind and solar, integration among diverse utility companies, energy storage limitations, and lack of standard processes and protocols for network management.

As a center of excellence for smart grid deployments, research expertise and public- private collaborations, Colorado technology companies of all sizes are uniquely situated to take advantage of sweeping changes directed by smart grid development. Our speakers will present a diversity of perspectives on ways these technological challenges can be addressed.

**Keynote Presentation:** Dave Markham, Director, Energy and Business Development, Lockheed Martin Corporation

**Panel Presentation/Discussion:**

Dr. Frank Barnes, University of Colorado and contributor to the Colorado Secure Smart Grid Project  
David Cohen, CEO, Infotility, Inc.  
Lena Hansen, Principal, Rocky Mountain Institute  
Marcia Martin, Architect, Magpie

**Event Details**

**Location:** Denver Metro Chamber of Commerce, 1445 Market Street, 5<sup>th</sup> floor, Denver, CO 80202

**Cost:** Free for CCIA member companies, \$50 for non-members

**Registration is required**, please contact Shelly Curtiss at [shelly@coloradocleantech.com](mailto:shelly@coloradocleantech.com) to register.

*This venue does have a space limitation so we will accept RSVPs on a first come, first serve basis. Please don't wait to register until the last minute!*

**Sponsored by: Faegre & Benson LLP**

## MEMBER & INDUSTRY NEWS

10/15/09 - [Carbon Capture: China's Got Huge Carbon-Storage Potential, Researchers Say](#), Source: Environmental Capital, Wall Street Journal

10/13/09 - [NREL's Industry Growth Forum Attracting Major Investors](#), Source: Colorado Energy News

10/12/09 - [Cool Energy Interview for CoBiz TV](#), Source: cobizmag.com

10/11/09 – [California Passes Feed In Tariff, Net Metering Bills](#), Source: Pew Center on Global Climate Change

10/5/09 - [More than 40,000 Wind Turbines to be Installed in North America in the Next Five Years](#), Source: Pike Research

10/5/09 – [Smart Grid's Potential Attracts Heavy Hitters – Development of Standards Remains Key](#), Source: Colorado Energy News

10/5/09 – [Rocky Mountain Institute's Plan for Big Sustainability](#), Source: GreenTech Media

10/5/09 - [Panasonic Set to Make Batteries for Tesla Model S](#), Source: GreenTechMedia

[CSU Clean Energy Supercluster Seed Grants Winners](#) – Source: CSU

9/28/09 – [Thinergy Micro Energy Cells from Infinite Power Solutions Wind VDC Research Group's "Best in Show" at Embedded Systems Conference](#), Source: Infinite Power Solutions

## FUNDING NEWS, LINKS AND ANNOUNCEMENTS

10/15/09 - [Secretary Chu Announces New Investments in Cutting-Edge Wind Energy Research Facilities](#), Source: U.S. Department of Energy

10/7/09 - [Energy Department Announces New Private Sector Partnership to Accelerate Renewable Energy Projects](#), Source: U.S. Department of Energy

### [Database of State Incentives for Renewables & Efficiency \(DSIRE\)](#)

Established in 1995, the Database of State Incentives for Renewables & Efficiency (DSIRE) is an ongoing project of the North Carolina Solar Center and the Interstate Renewable Energy Council (IREC). It is funded by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE), primarily through the Office of Planning, Budget and Analysis (PBA). The site is administered by the National Renewable Energy Laboratory (NREL), which is operated for DOE by the Alliance for Sustainable Energy, LLC. Take a look at their website for a wealth of information about state and federal incentives and policies around renewable energy and energy efficiency.

### **Colorado BIDS System**

CCIA has registered as a vendor in the Colorado BIDS system to provide up-to-date state solicitation news to CCIA members. The **Bid Information and Distribution System (BIDS)** is a web site designed to notify interested vendors of the State of Colorado's intent to purchase goods or services competitively. These notifications are termed "solicitations". Since the State of Colorado has chosen to decentralize the procurement process, the purchasing agents at the various executive branch agencies post solicitations on BIDS so that the public may know of their intent. For vendors then, BIDS acts as a centralized clearing house of information on bidding opportunities for these agencies. Vendors must be registered with BIDS in order to respond to these bidding opportunities. When we see something that might be of interest to CCIA members, we will notify you via email. For additional information, [click here](#).

## CLEANTECH INDUSTRY EVENTS

[Colorado's New Energy Economy: Powering the Future](#), October 20, 2009, Sheraton Downtown Denver

The conference is sponsored by the Colorado Public Utilities Commission (PUC), the Office of Consumer Counsel (OCC), the Governor's Energy Office (GEO), and Energy Outreach Colorado (EOC). Gov. Bill Ritter, Jr., Under Secretary of Energy Dr. Kristina M. Johnson and Federal Energy Regulatory Commission commissioner Marc Spitzer will be among those headlining the third annual "Colorado

**The CRSP Annual Meeting** will be held Wednesday, October 21st through Friday, October 23rd, 2009. CCIA is pleased to co-sponsor the Short Courses on Wednesday, October 21st. Please RSVP by close of business on October 16th to reserve your spot. To register or for more information, please contact: [spomponi@mines.edu](mailto:spomponi@mines.edu).

[Annual Energy Research Symposium and Seed Grant Competition](#), Boulder, CO, October 21, 2009  
To encourage the rapid growth of interdisciplinary and collaborative research, the University of Colorado at Boulder Renewable and Sustainable Energy Institute is sponsoring the Third Annual Energy Research Symposium. The main activity for the symposium will be a poster session in which faculty, research associates, graduate students and scientists display research projects and ideas for tackling energy and related climate change or sustainability issues. More importantly, participants can learn about related research interests and expertise on the CU campuses and at the NREL and other local federal laboratories.

**Renewable & Alternative Energy Perspectives, The Intricacies: Clean Tech & Renewable Energy Finance**, October 22, 2009 – This breakfast discussion will include the following topics: Market update of debt and equity financing of clean tech and renewable energy deals in Colorado; Perspectives from

Colorado-based private equity and lending sources; Update on available federal tax credits and ARRA-related grants, including recently issued guidance from the U.S. Treasury; and Corporate and tax structuring issues related to both private financing alternatives and government-based financing alternatives. Please contact Lauren Goldman at [lauren.goldman@dgsllaw.com](mailto:lauren.goldman@dgsllaw.com) to register.

**[RETool: Business Opportunities in Renewable Electricity](#), Denver Metro Chamber of Commerce – October 29, 2009 – **Discount for CCIA Members!****

Take advantage of a one-day executive education course on the essentials of renewable electricity offered by CU-Boulder and CCIA on Thursday, October 29 at the Denver Chamber of Commerce. For more information please visit: <http://Leeds.colorado.edu/RETool>

**[22nd NREL Industry Growth Forum](#), Golden, CO- November 3 – 5, 2009**

Join the ranks of sustainable energy companies who have gleaned windfall funding and focused expertise from within the catalytic atmosphere of the Forum. Working with the Forum will allow you to showcase your company to an audience of the world's leading energy investors, industry executives, and potential partners. If your company is looking for \$1 million or \$100 million in financing; this is the place for you! Presenting companies are selected by a committee that includes venture capitalists, investment banks, and energy experts from across the United States. The best presentations are awarded with cash prizes and in-kind technology consulting services from NREL.

**[“U.S. Commercial Service Green Build Road”](#) Denver, CO - November 4, 2009!**

This road show features market specialists from five U.S. Embassies and the U.S. Mission to the E.U with a focus on sustainable building construction opportunities in France, Germany, Italy, Great Britain and the Nordic region. National and local European Union governments are committing funds, establishing tax and policy initiatives and revising building codes - all of which creates demand for sustainable construction. This program will: Offer guidance for U.S. executives on E.U. market-entry strategies; Brief on E.U. product certification and standards;

**CCIA Smart Grid Session III – The Policy**, Denver Metro Chamber of Commerce, November 10, 2009 – More details coming soon!



Colorado Cleantech Industry Association

*The Colorado Cleantech Industry Association represents the interests of the state's cleantech industry. Our mission is to further establish Colorado as a world leader in clean technology by providing representation and advocacy, a unified voice, relevant programming and capacity development.*

**Industry-Led, Industry-Focused**