

community
housing
partners
presents

12th annual

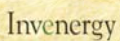
GREEN LIVING & ENERGY EXPO

Hosted by The Association of Energy Conservation Professionals



sustain • save • grow

Friday and Saturday • November 4 & 5, 2011
10am - 6pm Friday, 10am - 4pm Saturday • Roanoke Civic Center
FREE admission and parking



A Word From Our Sponsor

Community Housing Partners (CHP)

is excited to welcome everyone to the region's premier green living showcase! Whether young or old, a veteran Expo attendee or a newcomer to the event, we invite you to join us and discover how to save money while living smarter, healthier lives.

As a regional provider of sustainable housing and services, and proud sponsor of this year's Expo, CHP shares the Expo's commitment to promote energy efficiency and environmental responsibility through well-informed living. And because of our shared passion, CHP and AECF are especially proud to announce one of the event's newest participants, cafe².

cafe² (Community Alliance for Energy Efficiency), a subsidiary of CHP, is a nonprofit community program helping homeowners in southwest Virginia save energy, reduce costs, and improve the health and safety of their homes through easy and affordable energy improvements.

We are also pleased that CREATES (Construction, Retrofitting and Energy-Efficiency Assessment Training and Employment Systems), a CHP-administered program, will be hosting a Green Career Fair at the Expo. Both job seekers and employers in green-focused industries will be able to meet one-on-one for a meaningful discussion about potential career opportunities.

We look forward with great anticipation to another fun and engaging Expo and hope to see you there!

~ Community Housing Partners

cafe² funding is provided via the American Recovery and Reinvestment Act, through a U.S. Department of Energy "Better Buildings" grant.

CREATES funding is provided via the American Recovery and Reinvestment Act, through a U.S. Department of Labor "Energy Training Partnership" grant.



Exhibitor List

A Place to Breathe Meditation Studio
ACME Panel
Affordable Energy Concepts, Inc. and Wall Construction
Bath Fitter
Best Distributing Inc.
Better Building Works, LLC
Blue Ridge School of Massage and Yoga
Bookbag Santa, Inc.
Builderscrete of Floyd
Burnopp Metal, LLC
C & J LED Lighting and Signage
Children's Museum of Blacksburg
City of Roanoke
City of Roanoke Human Resources
Clean Valley Council
Community Alliance for Energy Efficiency (cafe²)
Coca-Cola Bottling Co. Consolidated
Community Design Studio
Community Housing Partners - Energy Services
CREATES
Cycle Systems, Inc.
Dabney S. Lancaster Community College
Direct Connect Solar and Electric
Dominion Electric Vehicles
Energy Management Services
eShield of VA
Evergreen Basement Systems
Evergreen Insulation
Forest Rest at Mountain View
General Electric Co. / GE Salem, VA
H2O at Home
Hybrid Electric Vehicle Team at Virginia Tech
Illuminating Engineering Society of North America - Roanoke Blue Ridge Section
Invenergy
J & J Weatherization
JMU-VA Center for Wind Energy
LGBI - Central Virginia Sustainable Network
Local Roots - A Farm to Table Restaurant
Moore's At Home
Natural Awakenings Magazine
New River Center for Energy Research and Training
New River Community College
New River Insulation Company
Oesch Environmental Design
Outside Heating, Inc.
Owens Corning
Powermark Electrical, LLC
RDS--Virginia
REEVA
Regency Fireplace Products
Residential Wind Turbines
RIDE Solutions
Roanoke Cement Company
Roanoke County
Roanoke Group of the Sierra Club
Roanoke Valley Cool Cities Coalition
SAV-ELEC, Inc.
Science Museum of Western Virginia
Shelter Alternatives, Inc. & Energy Check
Smith Mountain Building Supply
Solar Connexion
SOLAR TEC, LLC
Southwest Sunroom & Window Co.
Spikenard Farm Honeybee Sanctuary
STEP, Inc.
Structures Design and Build
Sun Volt Energy, Inc.
Tinbenders, Inc.
Thaxton NEED Team
The Green Power Company
Total Action Against Poverty (TAP)
Town of Blacksburg Recycling
Tree Stewards
Virginia Energy Independence Alliance
Virginia Sustainable Building Network
Volunteers for Energy
VT College of Natural Resources and Environment
Water Furnace International, Inc.
Western Virginia Land Trust & Roanoke Valley Greenways
Western Virginia Water Authority
Wisler Plumbing
WSET-TV
Wytheville Community College

Presentation Schedule

Friday, November 4

- 10:30 a.m.** "Practical Photovoltaics"
Bryan Walsh - Solar Connexion
- 11:30 a.m.** "Treasure Hunting: ROI for Homes, Commercial Buildings and Industrial Facilities"
Monica Rokicki and Barry Martin
- Better Building Works, LLC
- 12:30 p.m.** "Passivhaus in the US. How far have we come and where are we going?"
Adam Cohen
- Structures Design Build
- 1:30 p.m.** "Paving the Way to a Sustainable Triple Bottom Line"
Steve Sunderman - Terrazia PC
- 2:30 p.m.** "What Makes It Green? The Core of Green Building"
Rich Backus
- Roanoke Regional Homebuilders Association
- 3:30 p.m.** "Importance of Controlling Solar Load and Adverse Thermal Transfer Through Windows"
Alan Wulff - Solar Tech LLC
- 4:30 p.m.** "Air Leakage Testing in Large Buildings"
Bill Warren
- Southern Energy Management

Saturday, November 5

- 10:30 a.m.** "Residential Energy Efficiency Upgrades: There Has Never Been a Better Time"
Gregg Lewis
- Community Alliance for Energy Efficiency (cafe²)
- 11:30 a.m.** "Geothermal – Using the Earth to heat your House"
Ed Ricci
- Energy Management Services
- 12:30 p.m.** "Your Affordable Green Home: Retrofits, Additions, & New Construction"
Fred Oesch
- Oesch Environmental Design
- 1:30 p.m.** "Toward Saving the Honeybee"
Gunther Hauk
- Spikenard Farm Honeybee Sanctuary
- 2:30 p.m.** "What's New in Photovoltaics?"
David Zachow and Rick Brown
- Direct Connect Solar & Electric

Career Fair

Hosted by **CREATES**

Job seekers and employers looking to get ahead in emerging green industries can do so with CREATES, an acronym for Construction, Retrofitting, and Energy-Efficiency Assessment Training and Employment System. CREATES is a regional energy training partnership program formulated out of a \$3.8 million U.S. Department of Labor grant to teach workers the skills required in energy efficiency and renewable energy industries.

The CREATES program will be hosting a Green Career Fair to showcase green training programs to the public, as well as connect CREATES trained professionals with hiring employers. Information about the program can be found at www.createsprogram.org

Kid's Area Play, Have Fun & Learn

The Science Museum of Western Virginia and SEEDS-Blacksburg Nature Center will be teaming up to provide fun and interactive activities related to wind energy, nature appreciation and science (toys and puppets provided). We'll have a wind turbine, anemometer, wind vane, and pinwheel as well as fans (battery operated for kids to use) and a small electric one for the turbine. Kids can use the wind power from the turbine to move paperclips and also make a pinwheel from a pencil, paper wheel, and straight pin.

We will also be joined by the Children's Museum of Blacksburg, which will be hosting recycled and reused arts and crafts tables. Come over to the kids section to play, have fun, and learn!

Wind Energy Seminar

Friday, November 4 - 1:00p.m. • Roanoke Civic Center

Come learn about residential and utility scale wind energy nationally and in Virginia at the Green Living and Energy Expo on Friday, November 4 at 1:00. There will be four guest speakers and a panel discussion. No fee or registration is required. The four speakers and topics are:

- Dr. Jonathan Miles (Director, Virginia Center for Wind Energy) "Residential and Utility Scale Wind: National and Virginia Update"
- Don Giecek (Project Manager for Invenergy) "An Industry Perspective"
- Doug and Mary McCallum (Roanoke County small wind practitioners) "Distributed Wind – A Personal Story"
- Remy Luerssen (Director of Education and Outreach for the VA Center for Wind Energy) "Wind Education Initiatives in Virginia"

A facilitated panel discussion will follow.

Contact Billy Weitzenfeld, AECPE Executive Director, 540-745-2838, aecp@swva.net, www.aecpes.org for any questions or additional information.

About AECP

The Association of Energy Conservation Professionals (AECP)

is a non-profit energy education and advocacy organization. AECP advocates for low-income energy users, energy conservation programs, renewable energy programs, and the advancement of green building principles. A membership-based organization, AECP has a long history of effective legislative advocacy.

AECP's educational service conducts an annual Green Living and Energy Expo, manages a Sustainable Living Education Center (SLEC), and conducts trainings, seminars, and presentations on the importance of energy conservation and efficiency.

For more information about becoming a member or participating in the Expo, please visit aepes.org, or call (540) 745-2838.



Join the Local and Sustainable Food Movement!

The local and sustainable food movement involves food production methods that are healthy, do not harm the environment, respect workers, are humane to animals, provide fair wages to farmers, and support farming communities.

Local and sustainable foods have many benefits:

- Naturally grown local food is nutrient dense and means better human health and wellness.
- Locally grown travels fewer miles from farm-to table and means better environmental health.
- For every dollar spent with a local grower 68 cents is re-invested in the local community - this means a stronger local economy.

To learn more, visit our local and sustainable food vendors at the Green Living and Energy Expo.

Why Wait?

Become a Sponsor of the 2012 Green Living and Energy Expo Today!

Sponsorship of the Green Living and Energy Expo helps produce an educational event that brings communities together to learn not only how important, but also how easy saving energy and living more sustainably can be. Attendees include consumers, homeowners, business owners, professionals, students and many more.

With exhibitors, speakers, demonstrations and family activities that inspire, inform and enable people to take action, the AECP Green Living and Energy Expo is the region's biggest event highlighting the significance and impact that environmental stewardship can have in a community, both socially and economically.

By sponsoring the Green Living and Energy Expo, your company will benefit from:

- Wide-spread consumer awareness and recognition as an organization committed to doing its part in making our community, and our world, a better place for future generations
- Exposure to a captive audience of more than 2,000 individuals at the Expo, who share your commitment, and who are more likely to do business with companies whose values align with their own
- Additional exposure and brand awareness through special advertising sections in local and regional publications, a variety of promotional activities and an extensive media relations campaign
- A partnership that is dedicated to growing and expanding the Expo so that the event can maintain its relevance and its impact, and to ensure that as the dynamics of sustainable topics and issues change – so can the Expo

For more information about sponsorship, please visit aepes.org.

Enter to Win a free home energy assessment. Complete the form below and bring it to the Green Living and Energy Expo for your chance to win.

Name: _____ Phone Number: (____) _____

Email Address: _____

Address: _____

City: _____ State: _____ Zip: _____

Please contact me about:

- becoming a member of AECP
- sponsoring or exhibiting at the 2012 Expo
- volunteering at the 2012 Expo

For more information visit aepes.org or [Facebook.com/EnergyExpo](https://www.facebook.com/EnergyExpo)

