

## BE11 Exhibitor News Briefs

### **Award-Winning Wood Pellet/Solar Heating Project Reduces Energy Costs by 50%**

The Wild Center – Natural History Museum of the Adirondacks reduced its heating costs by 50% by installing an innovative commercial-scale wood pellet boiler integrated with solar hot water panels. The state-of-the-art commercial-scale wood gasification-type boiler system was manufactured in Schenectady, NY and is the first of several installations currently underway in the Northeast. The boiler has various user-friendly features and achieves exceptionally low emissions. The project has been recognized by the New York Solar Industry Association and is a finalist in the National Excellence in Renewable Energy Awards to be announced March 8<sup>th</sup>, 2011.

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### **Co-op Power Creates 42 New Jobs in the Local Green Economy**

Co-op Power builds sustainability and justice by developing green jobs, businesses, products and services. Among their current projects are a biodiesel manufacturing facility in Greenfield MA; a power purchase agreement for a solar electric installation on the Brattleboro Food Co-op; restoring 42 windows in the historic Second Church in Dorchester MA to create a window restoration company; and making Massachusetts homes energy efficient through their highly regarded insulation crew. Co-op Power's efforts create jobs for limited resource communities, save money for homeowners and businesses, and promote sustainability. Co-op Power's hard work is realized with cooperation by its 370+ member/owners.

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### **DOE helps you push the envelope on window energy performance**

Keen on minimizing window heat loss without breaking the bank? In response to the U.S. Department of Energy's advanced specifications for cold-climate windows and storm windows, several manufacturers have stepped up to the plate and offer such leading-edge products. Super-insulating windows and low-E storm windows are available for purchase through DOE's High Performance Windows Volume Purchase Program at [www.windowsvolumepurchase.org](http://www.windowsvolumepurchase.org). This program encourages qualified manufacturers to compete on performance and price, so that affordable options are available for diverse applications in existing as well as new homes and buildings.

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### **Energy Education Company Creates Interactive Training Props**

EnergyWright, Inc. is an instructional design technology company that manufactures interactive props to support curriculum for energy efficiency training programs. EnergyWright's hands-on training tools are specifically designed to support workforce development programs and educational institutions in the fields of energy efficiency and sustainability education. EnergyWright's newest product is the ZPD House™, a zonal pressure diagnostics house simulator for training auditors and building analysts. This tabletop model provides a nearly infinite number of training scenarios while allowing students to experience a hands-on, interactive learning experience.

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### **Essex, MA Residence achieves Tier 3 rating in Energy Star Pilot Program**

This recently completed single-family home in Essex, MA has achieved Tier 3 ranking in the from Energy Star pilot program, Energy Star's top level. A high-performance building envelope and attention to the crucial details of a continuous thermal and air barrier made this possible. The home was designed and built by the Geoffrey H. Richon Company, Inc using an integrated design team built around the client's needs and goals for the project. There is a case study of the building available on National Grid's Power of Action website:

<https://www.powerofaction.com/media/pdf/homes-essex.pdf>

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### **Killingworth Home Wins First Annual CT Zero Energy Challenge**

In the first annual Zero Energy Challenge, the CT Energy Efficiency Fund, CL&P and UI awarded first place to George and Mary Keithan for their zero-energy home in Killingworth, CT. This home has a HERS rating of -7, is a LEED Platinum, 3,600 sf. single-family home powered by solar PV, solar hot water and geothermal HVAC. The owners' goal, "was to build a home that required no fossil fuels, was safe for our family, required no imported energy to operate and was sensitive to the environment while also fitting into the community," said George Keithan.

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### **SPI Green Firm Certification Extends Public Comment Period to March 31 for BuildingEnergy11 Attendees**

With more than 6,000 Certified projects and 22,000 on their way, LEED Certification no longer provides differentiation for design and construction firms. Nor does it provide quality control for building owners hiring these firms. Launched to fill this gap, the SPI Green Firm Certification evaluates the capabilities of design and construction firms to deliver consistent, high-quality sustainability services. The public

comment period, extended to March 31st for NESEA BuildingEnergy11 attendees, is an opportunity for the community to provide feedback on the Certifications 64 required and 15 optional credits. Comments are only accepted through online submission at <http://www.surveymonkey.com/s/SPICertificationPublicComment>. After the comment period closes, SPI will synthesize the input and incorporate common feedback into the next version to be released in spring 2011. The Sustainable Performance Institute (formerly under the name The Green Roundtable) certifies and trains people to improve the built environment.

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**Yestermorrow Partners to Provide Green Jobs Training to VT Youth**

The new [Vermont Green](#) program helps youth living in difficult circumstances access trainings and certifications that lead to successful employment in green jobs. As one of the training providers, the [Yestermorrow Design/Build School](#) provides VT Green participants the opportunity to learn about energy efficiency, renewable energy and green building techniques in 1-day to 3-week intensive, hands-on courses taught by top architects, builders, and craftspeople from across the country. These new skills help young people prepare for jobs in emerging green building fields.

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**About The BuildingEnergy Conference & Trade Show**

NESEA's BuildingEnergy11 takes place at the Seaport World Trade Center March 8-10, 2011. This year's conference sessions range from emerging trends in renewable energy to healthy alternatives to traditional building materials to deep energy retrofits of commercial, residential and historic buildings. NESEA is the only conference that requires its building case studies to adhere to strict guidelines that include a full year of energy data, reaffirming a commitment to present the best building and energy practices at this conference. The conference includes 63 sessions and 25 full- and half-day workshops. The BuildingEnergy Trade Show features 170 exhibitors showcasing the latest sustainable technologies, products, and services. <http://www.nesea.org/be11/>

**About NESEA**

Formed in 1976, the mission of the Northeast Sustainable Energy Association ([www.NESEA.org](http://www.NESEA.org)) is to increase sustainability in the built environment. NESEA does this by connecting professionals to each other and to information. With a strong basis in whole systems thinking, this membership organization facilitates and enables critical thinking and collective learning between all of the professional disciplines that contribute to the built environment. NESEA serves architects, planners, engineers, manufacturers, builders and policy analysts in public and private companies in the 10 northeastern states.