

Louisville, Kentucky

# High Performance Sustainable School Buildings

Wednesday, March 14 and Thursday March 15, 2012

Presented by: Kentucky Department for Energy Development & Independence and the Kentucky National Energy Education Development Project, with support from the U.S. Department of Energy, in cooperation with AIA Kentucky.

**IF YOU WANT TO MAKE A DIFFERENCE** in the quality and affordability of K-12 education today, designing and constructing high-performance school buildings is the place to start. Register now to learn how high performance facilities improve the students' learning environment, significantly reduce energy use and lower operating costs for years to come.

**JOIN THE KENTUCKY SCHOOL DISTRICTS LEADING THE NATION IN HIGH PERFORMANCE SCHOOLS**—from the first net-zero schools in the country to its exponential growth in ENERGY STAR school buildings. Attendance at this workshop will prepare school board members and administrators to know what to ask for to make their next building renovation or new construction sustainable and financially successful.

**FEATURED SITE VISITS**—Each day participants will travel by bus to sustainable schools built and operating below average costs for Kentucky schools. Project teams will share strategies for creating a whole building design and their procurement processes.

**WORKSHOP PRESENTERS**—Sessions will be led by recognized professionals in school design, including school officials, architects and engineers who have successfully designed and built high performance school buildings. They will present case studies of these schools and the “whole-building” design and procurement strategies used to create them.



Showcasing Affordable, Sustainable Schools | High Performance Buildings = High Performance Students  
Tours will feature demonstrations of building integration with curriculum

## TOPICS AND PRESENTATIONS

**PASSIVHAUS STANDARD:** The Next Step for High Performance Schools

**HIGH PERFORMANCE APPLICATION:** Conventional-Five New Schools, Five Years, A 100 Energy Star Score: Lessons Learned; Net Zero Goals & Strategies

### HIGH PERFORMANCE TECHNOLOGIES EXHIBITS

**SITE VISIT NEW CONSTRUCTION:** Brooks Elementary Design Team Presentations of Building Design and Instruction, View High Performance Building Features Renovation Through Reduction: High Performance on a Traditional Budget

**SITE VISIT RENOVATION:** Cane Run Elementary Design Team Presentations - Integration of Building and Curriculum and High Performance Building Features

**ACHIEVING 50% ENERGY SAVINGS TOWARD A NET ZERO BUILDING:** ASHRAE's newest guide in the series Advanced Energy Design Guide for K-12 School Buildings

## WHO SHOULD ATTEND

Collaboration is a critical component for a successful high performance renovation or new building project. The core design team is encouraged to attend:

- School Administrators & Board members
- School Facilities Personnel
- Architects
- Engineers

## CONTINUING EDUCATION

### SCHOOL ADMINISTRATORS

**EILA# EIL 12 1023:** A certificate of attendance will be granted for 6 hours March 14.

**EILA# EIL 12 1024:** A certificate of attendance will be granted for 5 hours March 15.

### BOARD MEMBERS

**KSBA:** Attendance can be locally approved for school board training credit.

### ARCHITECTS

**AIA Learning Units:** AIA members will earn CEU hours in the Health, Safety and Welfare and Sustainable Design category.

*Guidelines For Buildings And Student Success*  
**High Performance Sustainable School Buildings**

March 14-15, 2012

Galt House Hotel  
 140 North 4th Street  
 Louisville, Kentucky 40202



**Kentucky Department for Energy  
 Development and Independence**  
 500 Mero Street, 12th Floor  
 Frankfort, Kentucky 40601



**REGISTER ONLINE AT [WWW.REGONLINE.COM/HPSB2012](http://WWW.REGONLINE.COM/HPSB2012)**

**REGISTRATION**

		Early Bird Registration	After March 1, 2011
Schools & Nonprofits	1-day	\$100	\$125
Schools & Nonprofits	2-day	\$160	\$185
Business Professionals	1-day	\$200	\$225
Business Professionals	2-day	\$275	\$300

Registration includes continental breakfast and lunch.

**LODGING**

A block of rooms is being held at the Galt House Hotel in Louisville, Kentucky at a discounted rate of \$119 + tax and fees. For reservations, call 800-843-4258 by February 12, 2012. Identify that you are with the High Performance Schools workshop. To book online, go to: <https://resweb.passkey.com/go/KYNEED2012>.

***For more information contact Pam Proctor at 859-547-8008 or [pproctor@need.org](mailto:pproctor@need.org).***