

Lexington, Kentucky

High Performance School Buildings Workshop: The Next Level

Griffin Gate Marriott, 1800 Newtown Pike, Lexington

Presented by the Kentucky Division of Energy and The Kentucky NEED (National Energy Education Development) Project with support from The U.S. Department of Energy's Rebuild American/EnergySmart Schools program.



Workshop endorsed by:

Kentucky Department of Education

Kentucky School Plant Managers Association

In cooperation with:

The American Institute of Architects Kentucky



*"The re-analysis study found that elementary school students in classrooms with the most daylight showed a **21 percent improvement in learning rates** compared to students in classrooms with the least daylight. This is highly consistent with the range of findings in the original study."*

—2002 Re-analysis of 1999 study of Daylighting in School by Heschong-Mahone

May 5, 2004, 8:00 a.m. – 5:00 p.m.

The Decision Maker Perspective - for School Board Members, Superintendents, and Facility Managers who want to examine new school projects from the High Performance perspective. Architects, Engineers and Contractors are also strongly encouraged to attend.

May 6, 2004, 8:00 a.m. – 3:00 p.m.

The Technical Perspective - for Architects, Engineers and Contractors who want to take High Performance design and construction to the next level.

School administrators and board members are also invited to attend.

If you want to take High Performance to the next level, or if you just want to learn what High Performance is all about, this workshop is for you.

Experts from both sides of the new school project—an architect and a school administrator—will present take-away lessons to help you implement high performance design. One of the nation's leading experts on high-performance school building design will present case studies of "whole-building" design and the procurement strategies used to create them. The event will also include writing RFPs, calculating the cost/benefits and staff/community involvement.

Register now to discover how high-performance facilities improve student health and productivity, attract quality teachers, significantly reduce energy use and operating costs, and protect the environment. Studies show a direct link between schools that integrate sustainable design components (such as daylighting, non-toxic materials, superior mechanical and natural ventilation) and improved academic performance.

All partners in the decision making process are encouraged to attend.

Topics/Presenters

Day 1

- **Welcome** – Mark Ryles, AIA, Director, Division of Facilities Management, Kentucky Department of Education
- **Characteristics, Benefits and Strategies for Creating High Performance School Buildings** – Mike Nicklas, FAIA, President, Innovative Design, Raleigh, NC
- **Case Study** – Robert Lape, Facilities Director / Architect, Kenton Co. Schools, KY
- **Case Study** – Wyndol Fry, Former Asst. Superintendent, McKinney Independent Schools, TX
- **Leadership in Energy and Environmental Design (LEED) Presentation**

Day 2 Principal Instructors: Mike Nicklas, FAIA, and William Reed, AIA

- **Using controlled natural daylight design to reduce heating and cooling load**
- **What are the economics of a high performance school?**
- **Daylighting analysis and energy modeling**
- **LEED (Leadership in Energy and Environmental Design) Certified Buildings**
- **Becoming a LEED Accredited Professional™**



"A high performance school will significantly reduce energy consumption in a building. These energy savings will become greater as energy costs continue to escalate." --Ken Seibert, PE
CMTA Consulting Engineering

"High Performance schools offer an added bonus of energy efficiency. With strategic placement of windows and control of natural light, we will reduce our electrical, light, and air conditioning load." —Robert Lape, Kenton County Director of Facilities, discussing their two new schools

Attendance at this workshop qualifies for AIA learning units in the Health, Safety, and Welfare category.



Workshop Fees

The cost of the workshop is \$95 for one day or \$175 for two days. Continental breakfast and lunch will be provided both days and all participants will receive a copy of the Sustainable Building Industry Council's (SBIC) *High Performance School Buildings Resource and Strategy Guide*.

Lodging

A block of rooms is being held at the **Griffin Gate Marriott** in Lexington at a discounted rate of **\$114.00**. To make reservations, call the hotel directly at **(859) 231-5100** or **(800) 228-9290** no later than **April 14, 2004**. In order to get the discounted rate you must indicate that you are with the **High Performance School Buildings Workshop**.

Registration Form

Space is limited. Registration deadline is April 23. After April 23 call for availability. Please mail, fax or e-mail this registration form with check or credit card information to:



All participants will receive SBIC's *High Performance School Buildings Resource and Strategy Guide*.

The Kentucky NEED Project

P. O. Box 176055

Covington, KY 41017

Fax: (859) 578-0316

E-mail: pproctor@need.org

Registrants will receive confirmation by e-mail.

For further inquiries, contact **Pam Proctor** at **(859) 635-7988**.

Please complete one form per attendee (TYPE OR PRINT)

First Name _____ Last Name _____

First name as you would like it to appear on your name badge _____

Title/Position _____

School District/Firm _____

Address /City/State _____ Zip _____

Phone _____ Fax _____

E-mail _____ Web site _____

Days attending: Day one (May 5) Day two (May 6) Two-day (May 5-6)

Fee: \$95.00 (one day) \$175.00 (two days)

Payment: Check made payable to The NEED Project Credit Card

I authorize The NEED Project to charge my Visa MasterCard AMEX

Account no. _____ Expiration date: _____

Billing address: _____ City _____ State _____ Zip _____