

5. Occupancy, Comfort and Indoor Air Quality

Effective management of moisture, ventilation and other issues can create a more comfortable and healthier indoor living environment for the homeowner and family.

6. Operation, Maintenance and Education

Given the level of effort a home builder goes through to create an energy efficient home using sustainable materials, it would be reasonable to expect that instruction on operation and maintenance be discussed with the home owner. Under the **Green Build Kentucky** program, a homeowner manual with the information on products specific to the home is given to the owner. Using the guidelines in this manual can provide the owner with information on how to keep their home “green” for years to come.

7. Global Impact

If every homeowner adopted a “reduce, reuse, recycle” lifestyle, the contribution to our environment would be enormous. The use of low-or no-VOC paints and low-VOC sealants would greatly reduce the adverse affects that paints, varnishes, etc have on a home’s indoor air quality. The objective of the program is to have all homes/buildings constructed be energy neutral by 2025.



Bill Hodges Chairman of the **Green Build Kentucky** Task Force addresses the crowd at the Kick-Off.

For more information about **Green Build Kentucky** please call **HBAK** at **1-800-489-4225** or visit our website at **www.GreenBuildKY.com**



The *Home Builders Association* of Kentucky



In Partnership with



Green Build Kentucky is a voluntary program based on the ANSI Green Build Standards and the Federal Energy Star Program. Homes built according to these standards will be certified by a third party certifier as an official Green Build Kentucky Home.

Through efforts of a statewide **Green Build Kentucky** Task Force made up of builders, suppliers and Association staff, the HBAK has become a part of the national movement toward energy efficiency and sustainable construction.



Governor & Mrs. Beshear

**Governor Beshear
installs insulation
at the Green Build
Kentucky Kick-Off**



The **Green Build Kentucky** program was unveiled in Lexington in 2008. Governor Steve Beshear was there to help launch and offer support to the initiative.

Green Build Kentucky incorporates the American National Standards Institute (ANSI) Green Build Standards and the Federal Energy STAR program. Sections 3 and 6 require that all **Green Build Kentucky** homes meet Energy STAR criteria and that the home buyers receive a Home Instruction Manual that educates them on how to use their home in the most efficient manner.

The Green Build Standards are:

1. Lot Preparation and Design

Careful planning can reduce the home's impact on natural features such as vegetation and soil. Simply placing the home on the lot to take advantage of the sun will help save energy costs.

2. Resource Efficiency

Advanced framing techniques and home design can effectively optimize the use of building materials. Builders must also manage their construction waste more efficiently.

3. Energy Efficiency

The Energy Star requirements provide for the creation of a better building envelope and encourage the use of more energy efficient systems. This also includes energy efficient appliances and lighting fixtures.

4. Water Efficiency and Conservation

Education and conservation implementation for indoor and outdoor water use can reduce utility bills drastically. Water shortages are becoming more widespread and without conservative measures, forced reduction may become the norm.