



U.S. GREEN BUILDING COUNCIL EAST TENNESSEE CHAPTER

News + Events



October 2009

featured project: KHP LEED Gold Homes

Also this month: Upcoming Programs + Workshops



Featured Project: Knox Housing Partnership homes earn Gold

Knox Housing Partnership (KHP), a not-for-profit organization founded to build stronger communities by providing affordable housing, recently earned LEED for Homes Gold certification for seven new houses in the Park City neighborhood of East Knoxville.

These are some of the first, if not the very first, LEED homes built in East Tennessee. Some of the sustainable elements used are: 1) Conditioned crawl space [containing the HVAC supply ducts], which will circulate air without foundation vents; 2) Energy Star qualified water heater and appliances, Energy Star qualified light fixtures and ceiling fans, 100% CFLs; 3) Very high water efficiency dual flush toilets and low flow lavatory fittings; 4) Locally-made materials like more durable solid wood and plywood cabinets without composite materials; 5) Durable fiber cement siding, high performance windows, leaf guards on rain gutters, foundation and rain gutters drain to daylight keeping water away from the house; 6) Indoor air quality includes 15mil vapor barrier in the insulated conditioned crawl space preventing radon and other soil gas contaminants from coming into the houses, MERV 8 filtered makeup air and central air system, local exhaust ventilation to the exterior, and bath ventilation on timer controls.



Each home is 30% more efficient than the current code built new house, projected to consume approximately 11,000 kwh annually, thus saving hundreds of dollars a year on heating, cooling and water costs.

These homes are also “visitable” residences in that they include at least one no-step entrance, ground-floor handicap-accessible bathrooms, and 32-inch wide doorways.



Each of these seven homes have three bedrooms, two baths, and 1,250 square feet and are priced at or below \$105,000, with forgivable down payment assistance available to those who qualify. KHP built the houses with Empowerment Zone funds from the U.S. Department of Housing and Urban Development. The City of Knoxville administers the EZ program in cooperation with the Partnership for Neighborhood Improvement.

For more information on the homes, visit <http://www.khp.org/Pages/Redevelopment/HomesForSale.aspx?Type=Sale>



All of the KHP LEED Gold homes use dual flush toilets (top). They also have Energy Star appliances and locally-made cabinets (middle). Each home has a conditioned crawl space as well (bottom right).



Join USGBC Today!

Whether your company is new to environmentally sustainable building or deeply involved in shaping the future of green design, USGBC is your best connection to the people, knowledge, and tools you need to leverage green building throughout your business.

Upcoming Knoxville Program:

Presentation: Chapter governance and update on LEED 2009

When: October 16, 2009 - 11:30 am - 1 pm

Where: Knoxville Chamber, 17 Market Square, Knoxville, TN

RSVP: info@eearchitecture.com by October 13. Lunch is \$10 for chapter members, \$15 for non-members.

Info: Glenn Richters will discuss the East TN Chapter's organization, committee roles and the upcoming board election schedule. He will also provide an update on LEED 2009 and credentialing.



LEED Workshop in Johnson City: Green Building Operations & Maintenance

When: Friday, October 16, 2009 - 8:30 am - 5 pm

Location: East Tennessee State University

D.P. Culp University Center

Southwest Ave., Johnson City, TN 37614

Cost, Early Reg. Fees: \$345 National Member & \$445 Non.

Cost, Late Reg. Fees: \$375 National Member & \$495 Non.

Deadline for Early Registration: October 8, 2009

USGBC now offers student pricing. Please review the USGBC Courses page for details. For more information or to register, visit: <http://www.usgbc.org/Workshops/Workshoplist.aspx?CMSPageID=289>



How to become a Chapter member:

USGBC National Membership is corporate, and all full-time employees of a National Member company may utilize their company's national member benefits. Individual memberships are available at the local level. We encourage you to join the local East Tennessee USGBC chapter. Chapter membership allows any individuals, regardless of whether or not his or her company is a National Member, to participate in the chapter and take advantage of local chapter benefits as an Associate Member for \$65. If your company is a National Member, a local Chapter Membership is \$45.50, which allows individuals to get involved in their community and support local green building efforts. You can register on the USGBC website, <http://www.usgbc.org/DisplayPage.aspx?CMSPageID=1773>.