

FAHE Residential Energy Efficiency Summit 2012

Green Standards Overview: What are the differences between LEED, NAHB, EarthCraft Energy Star and Green Communities

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Certification	Organization	Locality	Construction Type	Project Application
LEED	US Green Building Council Green Building Certification Institute	International	New Construction Renovation	Single Family Multi Family Neighborhoods Commercial Institutional
National Green Building Certification	National Association of Home Builders	National	New Construction Renovation	Single Family Multi Family Land Development
EarthCraft	Southface Institute	Georgia Virginia Tennessee Alabama South Carolina North Carolina	New Construction Renovation Adaptive Reuse	Single Family Multi Family Light Commercial Communities
Energy Star	EPA &DOE	National	New Construction	Single Family Multi Family Commercial Industrial
Green Communities	Enterprise Community Partners	National	New Construction Renovation	Single Family Multi Family

Certification	Sustainable Site Development	Water Efficiency	Energy Efficiency	Materials and Resource Efficiency	Indoor Air Quality	Neighborhood	Education
LEED	●	●	●	●	●	●	●
National Green Building Certification	●	●	●	●	●		●
EarthCraft	●	●	●	●	●		
Energy Star			●		●		
Green Communities	●	●	●	●	●	●	●

- 1 LEED for Homes – discounts available
- 2 \$200 / bldg for NAHB members. Increased costs for land development
- 3 Version 3 – discounts available
- 4 Random sampling to verify projects
- 5 Third Party verification required in Kentucky
- 6 \$1,400 HVAC installer accreditation fee. Includes Water Management Checklist

Certification	Certification Cost	Third Party Certification	Level of Difficulty in Construction 1-easiest 5-most difficult	Level of Difficulty for Documentation 1-easiest 5-most difficult	Performance vs. Prescriptive Requirements
LEED	\$2,000 / unit ¹	YES	4	5	Performance
National Green Building Certification	\$500/ bldg ²	No ⁵	1	1	Prescriptive
EarthCraft	\$950 / unit – single family \$300 / unit – multi family	YES	1	2	Performance Prescriptive
Energy Star	\$600 / unit ^{3, 4} Multi family \$1,200 / unit Single family	YES	2	2 ⁶	Performance Prescriptive
Green Communities	Varies per TA	YES	3	3	Prescriptive

LEED

<http://www.gbci.org/main-nav/building-certification/leed-certification.aspx>

<http://www.usgbc.org/DisplayPage.aspx?CategoryID=19>

National Green Building Certification

<http://www.nahbgreen.org/Certification/>

EarthCraft

<http://www.earthcraft.org/>

Energy Star

http://www.energystar.gov/index.cfm?c=bldrs_lenders_raters.nh_v3_guidelines

Green Communities

<http://www.enterprisecommunity.com/solutions-and-innovation/enterprise-green-communities>