



OF GREATER SOUTHWEST ILLINOIS

2017 LEADERS IN ENERGY EFFICIENT HOMES AWARD

*Official Entry
Application
For*

**NEW HOMES
&
REMODELED
HOMES**

that feature

- Energy Efficient Materials
- HERS Scores
- Specialty Trades
- Land Use
- Others



The Green Building Council of the Home Builders Association of Greater Southwest of Illinois created the Leaders in Energy Efficient Homes Award (LEEHA) to bring recognition to the exceptional work performed with Energy Efficiencies in the Metro East.

Applicants and Winners receive consumer and peer recognition throughout the year in print, social media, events and the HBA Green Building Council website page.

DEADLINES & FEES:

October 1st, 2017

\$75 per entry for HBA Member

\$125 per entry for non-HBA members

\$25 Entry late fee - project submission after deadline

2017 Leaders in Energy Efficient Homes Award (LEEHA)

WHY ENTER THE LEEH AWARDS?

Great question, because it does take time to complete and submit your project(s). However, the payoff can help attract future clients and grow your business. Here are some more reasons why you should enter your project(s) for consideration.

- A LEEH award is absolute proof that your company can deliver quality craftsmanship.
- No project is too big or too small - in size or cost. You can enter almost any project you have worked on, from a remodel project, portion of a home to an entire house.
- When clients see your LEEHA award it lends credibility to your business. Potential and future clients like to be associated with an “award-winning” company. When potential clients see that you’ve won a LEEH award it may sway them to hire you instead of your competition because they get a sense that you are a quality company.
- Winning a LEEH award can improve employee morale. Employees like to tell customers why you won the award. If they’re trying to earn business, it can make their job easier.
- A LEEH award celebrates everyone who contributed to the project’s success. Your clients, designers, subcontractors, project managers, and everyone involved in the winning project can boast of the accomplishment.
- LEEH award winners receive a sample press release and the LEEH award-winning logo to use in advertising, business cards, websites, social media and more.
- Winning a LEEH award solidifies your success in today’s competitive remodeling and homebuilding industry. Entering the LEEH awards provides you with a platform to showcase your talent craftsmanship in front of the LEEHA judging panel - some of our industries most accomplished peers.

ENTRY ELIGIBILITY

- Any home or structural improvement project and surrounding property substantially completed from November 15, 2016 to October 15, 2017 will be judged.
- HBA members in good standing are qualified to enter and non-members must have company address located within the Home Builders Association of Greater Southwest Illinois region. (Bond, Calhoun, Clinton, Greene, Jersey, Madison, Monroe, Randolph, and St. Clair Counties)
- The project must be completely finished by judging date or will not be allowed to be entered and incur forfeiture of entry fee.
- Homeowners’ must give permission to enter their project in competition and agree to allow the Home Builders Association of Greater Southwest Illinois to use the pictures of their project for promotional purposes.



ENTRY SPECIFICATIONS

- Portfolio entry **MUST** be turned into the HBA office in a 3 ring binder (no loose papers).
- The portfolio must **NOT** contain the name of the General Contractor or his/her company. The anonymity of the project must be strictly maintained. The anonymity of the owners will be maintained. Owners will not be contacted and addresses will not be published.

BINDER LAYOUT

- Inside pocket will contain your LEEHA application with payment for the HBA office to identify your project and code it properly.
- Page 1** - Description of the scope of the project including the final cost, time frame to complete the project and any sub contractors/designers that were used on the project.
- Page 2** - Project description of the steps you took to accomplish the end result.
- Page 3** - Obstacles faced such as Homeowner requirements, unusual site, unexpected situations (what was behind that wall), mold, lead, design restrictions, etc.
- Page 4** - Unique products, usage of special space, specialty sub contractors, etc.
- Page 5** - Floor Plan / Project Design
- Page 6 & beyond** - Before and After Pictures
 1. Pictures must be labeled with concise informative descriptions.
 2. Provide a designated “before” and “after” photo separate from the photos in the portfolio
 3. Photos should be high-resolution color scans or digital photos (minimum 300 dpi)
 4. If taken with a digital camera, shoot with the highest resolution available
 5. We will not be able to accept black /white laser copies, faxes or low-resolution scans
- Back pocket** - disc/flash drive of all pictures for official HBA use



Make the most of your entry by reviewing the Judges Tally Sheet below.

OF GREATER SOUTHWEST ILLINOIS

Category

Entry #

TOTAL

Above-grade wall systems	5 4 3 2 1	
Architectural features	5 4 3 2 1	
Duct Systems	5 4 3 2 1	
Finished grade	5 4 3 2 1	
Foundations	5 4 3 2 1	
Ventilation system	5 4 3 2 1	
Water use efficiency	5 4 3 2 1	
Moisture Management building envelope	5 4 3 2 1	
Indoor Environmental Quality		
	10 9 8 7 6 5 4 3 2 1	
Performance Path		
	10 9 8 7 6 5 4 3 2 1	
HERS Score		
	10 9 8 7 6 5 4 3 2 1	
Material usage - 30 points		
Exterior Doors	2 1	
Floor materials	2 1	
HVAC Systems	5 4 3 2 1	
Insulation and Foam	5 4 3 2 1	
Lighting and appliances	3 2 1	
Water-resistive barrier	5 4 3 2 1	
Roof overhangs	2 1	
Window and window shading	3 2 1	
Presentation of Project		
	3 2 1	
GRAND TOTAL		

NOTES / POSITIVE COMMENTS
ABOUT PROJECT:

Detailed Description of each Judging Category



Above-grade wall systems – total of 5 points

- _ House Wrap (1 point)
- _ R5 Foam Board (1 point)
- _ 2 x 6 walls (1 point)
- _ Moisture management wall system ex: structural insulated panel, enviro-dry or equal (2 points)
- _ Pre-insulated wall system ex: structural insulated panel and insulated concrete form (3 points)

Architectural features – total of 5 points

- _ Advanced framing techniques
- _ Building layout that maximize resources and minimize material cuts
- _ Cross block connection from exterior to interior
- _ Raised heel trusses (energy trusses)
- _ Foam back siding materials

Duct Systems – total of 5 points

- _ Seal ducts, plenums, equipment to reduce leakage with foil tapes and/or mastic
- _ Energy Recovery Ventilator or Heat Recovery Ventilator
- _ Heating and cooling ducts and mechanical equipment within conditioned envelope
- _ Upgraded ECM furnace motor
- _ Install return ducts/transfer grilles in rooms with doors (except baths, kitchen, closets, laundry)

Finished grade – total of 5 points

- _ Minimize slope disturbance
- _ Minimize soil disturbance and erosion
- _ Manage storm water using low impact development
- _ Devise landscape plans to limit water and energy demand
- _ Conserve natural resources

Foundations – total of 5 points

- _ Reclaimed concrete
- _ 2" Foam board
- _ Frost wall insulation
- _ Insulated concrete form (2 points)

Ventilation system – total of 5 points

- _ Heat-recovery ventilator, energy-recovery ventilator, balanced exhaust and supply fans
- _ Exhaust or supply fan(s)
- _ Vent kitchen range and bathroom fans to the outside
- _ Install humidistat to control whole-house humidification system
- _ Electrostatic air cleaner

Water use efficiency – total of 5 points

- _ Water heater located within 30 feet pipe run of all bathrooms and kitchen
- _ Water efficient showerhead
- _ Water efficient sink faucets/aerators
- _ Low flow toilets
- _ Shut-off valve, motion sensor or pedal-activated faucet for intermittent on/off operation

Detailed Description of each Judging Category



Moisture Management building envelope – total of 5 points

- _ Control bathroom exhaust fan with timer or humidistat
- _ Install moisture-resistant backerboard under tiled surfaces in wet areas
- _ Install vapor retarder directly under slab
- _ Keep plumbing supply lines out of exterior walls
- _ Insulate cold water pipes in unconditioned spaces

Indoor Environmental Quality – total of 10 points (2 points each)

- _ Install direct vent equipment and induced/mechanical draft combustion equipment for vented space heating and water heating equipment
- _ Install space heating and water heating equipment in isolated mechanical room or closet with an outdoor source of combustion and ventilation air
- _ Install direct-vent, sealed-combustion gas fireplace, sealed wood fireplace or sealed woodstove
- _ Ensure a tightly-sealed door between the grade and living area and provide continuous air barrier between garage and living areas including air sealing penetrations
- _ Ensure particleboard, medium density fiberboard (MDF) and hardwood plywood substrates are certified to low formaldehyde emission standards

Performance Path - point total ranking below

Home is X% above Illinois Energy Conservation Code standard

- _ 100 - 96% = 10 points
- _ 95 - 91% = 9 points
- _ 90 - 86% = 8 points
- _ 85 - 81% = 7 points
- _ 80 - 76% = 6 points
- _ 75 - 71% = 5 points
- _ 70 - 66% = 4 points
- _ 65 - 61% = 3 points
- _ 60 - 56% = 2 points
- _ 55% or lower or REScheck = 1 point

HERS Score- point total ranking below

- _ 40 - 42 pts = 10
- _ 43 - 45 pts = 9
- _ 46 - 48 pts = 8
- _ 49 - 51 pts = 7
- _ 52 - 54 pts = 6
- _ 55 - 57 pts = 5
- _ 58 - 60 pts = 4
- _ 61 - 63 pts = 3
- _ 64 - 66 pts = 2
- _ 67 or higher = 1

Exterior Doors – total of 2 points

- _ Provide covered entry (awning, covered porch)
- _ Self-closing door

Detailed Description of each Judging Category



Floor materials – total of 2 points

- Install carpet, carpet pad and floor covering adhesives that hold “green label” from carpet and rug institute indoor air quality testing program or equivalent
- Reclaimed flooring

HVAC Systems – total of 5 points

- Geothermal or SEER 19+ = 5
- SEER 18/17 = 4
- SEER 16/15 = 3
- SEER 14 = 2
- SEER 13 = 1

Insulation and Air Sealing – total of 5 points

- Rim joists in basement/crawl space and between floors are foamed
- Spray foam / blow in fiberglass/cellulose hybrid (2 points)
- Spray foam (3 points)

Lighting and appliances – total of 3 points

- Recessed fixtures within the conditioned envelope
- Energy star appliances
- At least 75% LED

Water-resistive barrier – total of 5 points

- Install perimeter drain for all basement footing sloped to discharge to daylight, sump pit
- Install gutter and downspout system to divert water 5 feet away from foundation
- Divert surface water from all sides of building
- Provide a water-resistant barrier behind the exterior veneer or siding
- Install enhanced foundation waterproofing

Roof overhangs – total of 2 points

- Use of recommended sized roof overhangs for the climate
- Installation of drip edge at eave and gable roof edges

Window and window shading – total of 3 points

- Energy Star rated windows
- U-Factor .35 (1 point) .30-.32 (2 point) .24 or lower (3 point)

Presentation of Project – total of 5 points

- Excellent = 3
- Good = 2
- Fair = 1

2017 Leaders in Energy Efficient Homes Award



RECOGNITION

All entries will be honored at the Installation of Officers and Industry Award Banquet held in January 2018 at the Four Points Sheraton in Fairview Heights. Winning projects will be awarded a plaque to proudly display at their office. A formal invitation will be mailed to all participants. Apologies

All Entries

- will be recognized on the Green Building Council page of the Home Builders Association of Greater Southwest Illinois website (www.hbaswil.org).
- will be displayed at the Spring Home Show in Belleville for all 5,000 visitors to view. The displays are 2' x 3' boards that presents each project submitted. These boards are created by the entrant and coordinated with the HBA staff.

Winning Entries

- will be recognized in several Press Releases that are shared in the Real Estate section of Sunday's edition in the Belleville News-Democrat.
- will be featured in the Spring Home Show Guide. This guide is delivered the week before the show Sunday edition of the Belleville News-Democrat that reaches close to 300,000 readers in the Metro-East area! It is also given to each consumer that enters the Home Show.
- will be highlighted in the Home Builders Association monthly newsletter featuring the Installation of Officers and Industry Award Banquet.
- will be posted on the Green Building Council Facebook page and may be used for promotional ads for upcoming Home Shows.
- will be displayed on the Home Builders Association HOUZZ profile.
- will receive the LEEHA Winner logo to use in print and social media

Business Exposure Valued at \$15,000

- HBA Website year round
- Display at HBA Home Show
- Press Releases in BND, Article in HBA Home Show Magazine, HBA Newsletter
- Social Media on HBA & GBC Facebook and HBA Houzz profile

