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**2024 Housing Innovation Awards**

**Grand Award Category:**

**Application Summary**

Application ID:

Builder Name:

ERI Index w/PV:

ERI Index w/o PV:

Size:

Other Items of note:

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| **Performance (See performance information submitted in application)** | | | | |
| **Criteria** | **Look For** | **Points**  **Available** | **Points Awarded** | **Notes** |
| Performance | * Whole Home Efficiency * Durability/Quality * Indoor air Quality * Generation/Storage * Other Building Science Performance Issues Addressed | 5 points available |  |  |

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| **Category: Off the Shelf** – Award for the builder who best leverages readily available, off the shelf materials and systems to achieve advanced building science results. This award pays special consideration to supply chain and cost-effectiveness while focusing on performance delivered through attention to detail, innovative processes, and the ability to standardize and replicate that performance across all homes, rather than high-end products and assemblies. | | | | |
| **Criteria** | **Look for** | **Points**  **Available 20 Total** | **Points Awarded** | **Notes** |
| Advanced Construction Techniques | * How does the builder leverage construction practices to achieve results? * Automation, efficiency, or other process innovation. * Clear description of readily available technologies * Quality processes to deliver performance through attention to detail * Analysis showing optimization of performance vs. cost | 5 points available |  |  |
| Product Availability | * Are these products readily available across the country? * Are the products accessible in market rate construction? * Description of how approach leverages supply chain conditions | 5 points available |  |  |
| Simplicity/Replicability | * Ease of implementation * Ease of replicability * Applicability to broad building market * Production replicability through process | 5 points available |  |  |
| Cost Effectiveness | * Demonstration of how cost-effective, readily available products couple with advanced building practices to achieve the same or better results than a builder using high-end, advanced, expensive materials and systems? | 5 points available |  |  |

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| **Category: Blazing the Trail** **–** Award for the builder with the most innovative use of technologies, materials, sensors, automation, and advanced controls to optimize performance of the home. | | | | |
| **Criteria** | **Look for** | **Points**  **Available 20 Total** | **Points Awarded** | **Notes** |
| Technologies | * Advanced and innovative implementation of cutting-edge technologies to improve energy, IAQ, moisture, durability, and other building science performance | 4 points available |  |  |
| Materials | * Advanced and innovative implementation of cutting-edge materials to improve energy, IAQ, moisture, durability, and other building science performance | 4 points available |  |  |
| Sensors/Controls | * Advanced or innovative controls and automation including sensor driven controls or homeowner feedback | 4 points available |  |  |
| Integration | * Advanced design effectively integrating all performance features of home into whole-home package | 4 points available |  |  |
| Unique Approach | * Out of the box thinking demonstrated through unique processes, combination of technologies, or standard-setting performance | 4 points available |  |  |

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| **Category: Change Maker –** Award the builder who demonstrates a successful strategy to transform the market (locally, regionally, or nationally) through innovative market interactions. | | | | |
| **Criteria** | **Look for** | **Points**  **Available 20 Total** | **Points Awarded** | **Notes** |
| Market Impact | * Demonstration of market leadership (local, state, regional or multiple regions) in ZERH certification (first in market, most in market; 100% commitment) * competitively driving adoption of ZERH among other builders * Influencing Specific building practice * Participation in forward-looking technical research (DOE Building America, BENEFIT, or ABC projects; manufacturer partnerships) | 5 points available |  |  |
| Homebuyer Marketing | * Documentation of marketing success * ZERH messaging embedded in sales process * Innovative homebuyer-facing digital marketing materials communicating the value of ZERH concepts and performance (social media, websites) * Innovative homebuyer-facing print marketing materials communicating the value of ZERH concepts and performance (billboards, kiosks, magazines, brochures, yard signs) * Leveraging positive homeowner experiences to build on ZERH successes | 5 points available |  |  |
| Knowledge Transfer | * Knowledge transfer to vendors (training trades, energy raters, designers, etc) * Knowledge transfer to peers (mentor builder relationships; training for builders association; public lectures; symposia) * Knowledge transfer to consumers (homebuyer education, owner manuals, etc) * Internal workforce development efforts (subcontractor training) * Engagement with educational institutes (high schools, trade schools, colleges/universities) | 5 points available |  |  |
| Community Engagement | * Community engagement furthering ZERH adoption (examples: podcasts, town hall/neighborhood meetings; regulatory engagement; films/documentaries, radio promotion) * Continued engagement with ZERH homeowners (community meetings) * Advocacy efforts to increase ZERH participation | 5 points available |  |  |

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| **Category: Decarbon Copy** – Award for the builder whose innovative approach to decarbonization in Zero Energy Ready Homes produces the most replicability and predictability in results. | | | | |
| **Criteria** | **Look for** | **Points**  **Available 20 Total** | **Points Awarded** | **Notes** |
| Electrification | * Innovative approach to electrification and description of how it is applicable to the broader market | 5 |  |  |
| Analysis | * Analysis of operational carbon using tools broadly available or easy to use * Analysis of embodied carbon using tools broadly available or easy to use | 5 |  |  |
| Generation and Storage | * Use of replicable renewable generation and storage * Optimization analysis related to renewable generation and battery storage | 5 |  |  |
| Predictability | * Use of innovative approaches that improve predictability of Results. This would be technology, software/modeling, or process. | 5 |  |  |

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| **Design (see pictures, floor plans, and marketing materials submitted in application)** | | | | |
| **Criteria** | **Look For** | **Points**  **Available** | **Points Awarded** | **Notes** |
| Design | * Exterior Design and Curb Appeal * Interior Aesthetic Design * Functional Design (space, accessibility, universal design, aging in place, etc) | 4 points available |  |  |

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| **SUMMARY COMMENTS** | **What makes this home and builder special? Why do they stand out? What could be improved?** |
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