



Brian Stanfill has broad experience working with high performance residential buildings that incorporate energy code compliance, energy efficient design and sustainable building practices. Brian has leveraged

this experience by training others on the various aspects of building energy consulting and engineering.

Brian is responsible for the direction of modeling, inspection and certification activities in support of above code programs, such as ENERGY STAR Certified Homes, ENERGY STAR Multifamily High Rise and LEED for Homes. He is also responsible for energy modeling and technical consulting in support of other non-programmatic activities.

At MaGrann, Brian contributes heavily to the technical design, implementation and evaluation of numerous utility supported Residential New Construction programs. He provides building science consulting for existing building investment grade audits (IGAs) and commissioning services for new and existing buildings. Brian has worked extensively with low, mid and high rise energy modeling.

Professional Experience

Brian is one of the company's experts in HERS ratings, quality assurance, and energy modeling.

Energy Modeling

- ◆ Performs energy modeling on new and existing homes as well as large multifamily high-rise buildings for building energy code requirements and energy efficiency programs using the HERS and ASHRAE 90.1 methodologies. Some notable projects include:
 - Paseo Verde, a green transit-centered community in the Temple University area of Philadelphia
 - GG Green, a rehabilitation and redevelopment building in the City of Woodbury, Gloucester County, NJ
- ◆ Performs and reviews design heating and cooling load calculations (ACCA Manual J) in accordance with code and program requirements.

Multi-Family Buildings

- ◆ Supported EPA in the development of the ENERGY

STAR Multifamily High Rise program and actively participated in the pilot deployment phase.

- ◆ Was an active member of the RESNET Task Force that developed rating guidelines for multifamily buildings.
- ◆ Provided design review for multifamily projects incorporating thousands of dwelling units.

Management

Brian manages the day to day activities of a technical staff that includes office and field based HERS Raters and other energy professionals, and is responsible for all energy modeling and rating/certification services performed by MaGrann.

Expertise

Energy code compliance, HERS rating, quality assurance, mechanical engineering, residential new construction, ENERGY STAR Certified Homes, LEED for Homes

Professional Affiliations

- ◆ Northeast HERS Alliance Board of Directors
- ◆ NEHERSA Technical Committee Chair

Qualifications

- ◆ PHIUS+ Rater
- ◆ Engineer in Training (EIT)
- ◆ RESNET HERS Rater
- ◆ RESNET Quality Assurance Designee
- ◆ Certified Building Commissioning Professional (Association of Energy Engineers)

Years of Experience

15

Education

B.S. Mechanical Engineering, Drexel University: Philadelphia, PA

Presentations

- ◆ "Home Performance 101" (Philadelphia, PA)
- ◆ "Building a Better Box; Avoiding Thermal Bypasses" (Columbus, OH)
- ◆ "Getting Ready for EPA's ENERGY STAR Homes 2011 Guidelines" (Louisville & Lexington, KY)