

# Building Diagnostics

## ENERGY STAR® for New Homes

### Advisor Training



#### Overview:

- Completion of the 3 day Training and successful submission of 5 files for review will qualify the Advisor to offer ENERGY STAR® for New Homes and EnerGuide Rating services to Qualified Builders. DSG will also work with Advisors to train new builders.
  - \* Advisors qualified under other programs may be able to reduce the training requirements.
  - \*\* The Builder Training course is a prerequisite to the Advisor training.

#### Agenda:

##### *About the ENERGY STAR® for New Homes program:*

- History; R-2000, EnerGuide for Houses
- How to get a house labeled

##### *Builder Option Packages:*

- Prescriptive ENERGY STAR® for New Homes Compliance
- Completing the BOP

##### *EnerGuide Rating System and Modeling in Hot2000:*

- Plans take offs
- Modeling the building envelope
- Modeling mechanical systems
- Modeling upgrades
- Reports

##### *Field Inspections and Air Tightness Testing:*

- Inspection process
- Blower Door Techniques and Air Tightness Testing
- Completing the Data Collection Forms

#### About DSG and the Trainer:



**John Harris**

- 10 years of EnerGuide Labeling (new and existing homes), Home Inspections, and other consulting
- Helped pilot the original EnerGuide for New Homes system
- Participating on the R-2000 Redevelopment Committee
- Extensive training experience: HRAI, OBOA, R-2000, OAH, Georgian College
- Developed training materials for HRAI, OBOA and others
- Consulted on the prescriptive air tightness requirements for Part 12 of the Building Code coming in 2012
- Frequent speaker at building science and HVAC conferences

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