

## RESNET Standards Interpretation

### RESNET Formal Interpretation 2006-004

Approved by the RESNET Board of Directors, May 5, 2006

#### Proponent:

Philip Fairey, Florida Solar Energy Center

Dave Roberts, Architectural Energy Corporation

#### Applies to:

2006 Mortgage Industry National Home Energy Rating Systems Standards

Table 303.4.1(1), Footnote (e)

#### Interpretation:

“Either hourly calculations using the procedures given in the 2001 ASHRAE *Handbook of Fundamentals*, Chapter 26, page 26.21, equation 40 (Sherman-Grimsrud model) or calculations yielding equivalent results shall be used to determine the energy loads resulting from air exchange.”

Shall be deemed to mean:

“Either hourly calculations using the procedures given in the 2001 ASHRAE *Handbook of Fundamentals*, Chapter 26, page 26.21, equation 40 (Sherman-Grimsrud model) using Shelter Class 4, or calculations yielding equivalent results shall be used to determine the energy loads resulting from air exchange.”

#### Explanation:

This is required to clarify that the air exchange from a infiltration shall be applied uniformly among all software tools. This applies generally to software providers.