

Results of Electronic Ballot of RESNET Board of Directors on Interpretation on Domestic Hot Water Equipment That Does Not Have an Energy Factor

July 27, 2010

The following are the results of the electronic ballot of the RESNET Board:

Shall the RESNET Board of Directors adopt the RESNET Technical Committee's proposed interpretation on domestic hot water equipment that does not have an Energy Factor (Attachment A)?

Yes (14)

No (0)

Abstain (1)

Not Voting (6)

Dave Bell
Steve Byers
Dennis Creech
Lance DeLaura
Brett Dillon
Philip Fairey
Andy Gordon
Mark Jansen
Lee O'Neal
Kelly Parker
Bill Prindle
Orlo Stitt
Daran Wastchak
Barb Yankie

Ben Adams

Charles Eley
Richard Faesy
David Goldstein
Maci McDaniel
Javier Ruiz
Greg Thomas

The interpretation was adopted.

Attachment A

RESNET Formal Interpretation 2010-03

Approved by the RESNET Board of Directors, July 27/2010

Proponent:

RESNET Standing Technical Committee

Applies to:

2006 Mortgage Industry National Home Energy Rating Systems Standards

Purpose:

Provide guidance to Home Energy Raters for domestic hot water equipment that does not have an Energy Factor.

Interpretation:

It is highly recommended that raters obtain Energy Factors for domestic hot water equipment from the manufacturers or AHRI directory for the equipment being used. In situations where a manufacturer provided or an AHRI published EF can not be found, the rater shall use the guidance presented in this document to determine the EF of the water heater.

1. For conventional (oil, gas and electric) water heaters or heat pump, use default Energy Factor values described in RESNET Mortgage Industry National HERS Standards Chapter 3 Table 303.7.1.(3) for aged based efficiency or Table 303.7.1.(4) for non age-based Efficiency Factor values.

The RESNET Mortgage Industry national HERS Standards can be downloaded at:

<http://www.resnet.us/resnet-standards/mortgage>.

2. For commercial water heaters used in residential applications, one of the following approaches shall be followed to determine the Energy Factor for a particular piece of equipment:
 - a. Use the calculator attached - Commercial Hot Water EF Calculator.xls.
 - b. Use table 504.2 Minimum Performance of Water Heating Equipment in the 2009 International Energy Conservation Code to find the current minimum requirement for most types of water heater.