

**Results of Electronic Ballot of RESNET Board of Directors on
Authorizing the RESNET Executive Director to Enter into the
Memorandum of Understanding with the Insulation
Contractors Association of America (Attachment A)**

August 9, 2010

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

Shall the RESNET Board of Directors Authorize the RESNET Executive Director to Enter into the Memorandum of Understanding with the Insulation Contractors Association of America?

Yes (15)

No (0)

Abstain (2)

Not Voting (4)

Ben Adams
Dave Bell
Dennis Creech
Lance DeLaura
Brett Dillon
David Goldstein
Philip Fairey
Andy Gordon
Mark Jansen
Maci McDaniel
Lee O'Neal
Kelly Parker
Orlo Stitt
Greg Thomas
Barb Yankie

Charles Eley
Bill Prindle

Steve Byers
Richard Faesy
Javier Ruiz
Daran Wastchak

The RESNET Executive Director was authorized to sign the Memorandum of Understanding with the Insulation Contractors Association of America.

Attachment A

MEMORANDUM OF UNDERSTANDING

Between
Insulation Contractors Association of America
and
Residential Energy Services Network

1.0 Purpose

The Insulation Contractors Association of America (ICAA) and the Residential Energy Services Network (RESNET) enters into this Memorandum of Understanding (MOU) in order to promote the improvement of home energy performance in the United States. It spells out how the two organizations will cooperate to meet this goal while assisting the growth of both organizations and its membership.

2.0 Goal of the Agreement

The goal of this MOU is to lay a framework of a long mutually beneficial relationship between ICAA and RESNET.

3.0 Terms and Conditions of MOU

The following are the areas where ICAA and RESNET agree to cooperate:

- 3.1 ICAA Presence at the 2011 RESNET Building Performance Conference – RESNET will comp ICAA a booth at its trade show at the 2011 RESNET Conference in Orlando, Florida. RESNET will also schedule an one and half hour break out session to ICAA for it to explain its ICAA Certified Insulation Installer program and explore how raters can team up with ICAA members.

3.2 RESNET Presence at the 2010 - RESNET will exhibit at the ICAA 2010 Trade Show and will be offered one half hour presentation on the September 23 Special Presentations.

3.3 Having ICAA Representative Serve on RESNET Committee to Adopt Guidelines for Energy Smart Contractors – RESNET is developing guidelines for the designation of contractors to be RESNET EnergySmart Contractors. This designation will not require that licensed contractors be certified by RESNET but rather be teamed up with a certified home energy rater through a relationship with an independent rater or having a certified rater in-house.

The EnergySmart Contractor guidelines will allow contractors to team with each other and a certified rater to be recognized as a Home Performance Team for Comprehensive Retrofits. It is envisioned that at least one RESNET EnergySmart Contractor who is state licensed, if that state requires a license, and a heating and air conditioning contractor and that at least one RESNET EnergySmart Contractor who specializes in air sealing and insulation. The team can also involve any number of other home improvement contractor companies who have obtained RESNET EnergySmart Contractor recognition. As long as the requirements above are met, EnergySmart Contractors and Rater/Auditors may work with multiple teams. For example, a certified Auditor or Rater may be designated by multiple teams of EnergySmart Contractors and a EnergySmart Contractor may work on multiple teams, each with a different Rater/Auditor Designee.

ICAA will name a representative on the RESNET committee that will review and approve the draft guidelines before they are submitted to the RESNET Board.

3.5 ICAA will Communicate Opportunities to be designated by RESNET as an EnergySmart Contractor to its Members – RESNET will work with in drafting a

marketing piece introducing the RESNET EnergySmart Contractor designation. ICAA will assist in distributing the information to its members.

- 3.6 Collaboration on Having Federal Retrofit Programs Recognize an ICAA/RESNET Process for the Linking of Contractors and Raters for Comprehensive Retrofits – ICAA, RESNET and other groups will collaborate in developing a process that could be recognized by DOE and EPA for the Home Performance with ENERGY STAR Homes program and other federal retrofit efforts such as REEP and Home Star if they are enacted by Congress.

4 Administration of the Agreement

- 4.1 Each **organization** agrees to identify a contact person(s) to monitor and assess implementation and application of the agreement within their **organization** and to address inquiries, disputes or questions arising from the implementation of the agreement.
- 4.2 Each **organization** agrees that this agreement is a dynamic and evolving instrument that may be amended with the consent of both **organizations**. The **organizations** agree to initiate periodic reviews of this agreement every year after 2010, and the operation of the agreement when such request is made by one of the **organizations**.
- 4.3 Each **organization** agrees to give written notice to the other of its intent to withdraw from this agreement at least ninety (90) days before the **organization** withdraws.

5. Signature of Organizations

ICAA

Date

RESNET

Date

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.