



ENERGY STAR Version 3 Training Requirements: Builders, Raters, HVAC Contractors

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Presentation Overview



- Who's gotta do what?
- When do they need to do it?
- What will they learn?
- How can you help?

Builder Training: The Basics



- On-line builder orientation training
 - New requirement of ENERGY STAR partnership
 - Must be taken on-line to ensure builders sign new Partnership Agreement Terms & Conditions
 - Ensures that builders understand their roles and responsibilities
 - Learn about available tools and resources
 - Awareness about major changes with v3
 - Aims to reduce the 'I didn't know' issue
 - Takes ~ 1 hour to complete
 - Short quiz at end of each training section (EASY!)

Builder Training: Timeline



- New builders taking training now through ENERGY STAR Partnership Agreement process
 - ~300 new builders already completed since January
- Existing builder partners must complete by 1/1/2012 to maintain partnership (or to label homes under v3)
 - Log-in through www.energystar.gov/mesa
 - Uptake has been slow with existing partners
- Must be taken by at least one company representative; but can be taken by more (forwarding option)

Builder Training: Content



Section 1: Partnering with ENERGY STAR

- Maintaining your partnership (MESA)
- Partnership activity requirements
- Working with a Rater
- How homes are reported to EPA (& how to deal with issues)
- Labeling requirements
- Working with a Sponsor (types, support available, differing requirements)
- Homeowner complaint resolution process

Builder Training: Content



Section 2: ENERGY STAR Resources for Builders

- ENERGY STAR logos and Brand Identity Guidelines
- Marketing Toolkit
- Partner Locator (including source of data)
 - Web linking opportunity
 - 100% commitment
- Available print brochures
- Webinars
- Presentation templates
- Awards & recognition opportunities

Builder Training: Content



Section 3: ENERGY STAR for Homes Version 3

- Background/rationale for change
- Major changes in v3
- Performance and Prescriptive paths
- Mandatory checklists overview
 - Special focus on Water Management
- Special considerations
 - Local code and manufacturers instructions
- Implementation timelines
- Requirements for Raters/HVAC Contractors
- Where to get info on policy changes

Builder Training: Content



Section 4: Other Important Resources

- Indoor AirPLUS program
- WaterSense program
- Manufactured & modular housing guidelines
- Financing info
- Tax credit info

Builder Training: Your Role



- Encourage your builders to take EPA's on-line training now!
 - Send additional reminders to participating builders in your program; include message in program newsletters and other communications
- Supplement EPA's on-line training with more robust technical training
 - Use internal staff, your program implementer, or RESNET trainers in your area
 - General builder training; or specialty training for key trades (framers, insulators, roofers/siders, etc)
 - Use EPA Field Guides/Slide Presentations, if desired
 - Consider leveraging dollars from local vendors
- What are you doing to train builders in your markets?
(Roundtable)

Rater Training: The Basics



- ENERGY STAR Version 3 Rater Training
 - New requirement of ENERGY STAR partnership
 - Ensures that Raters (and Field Inspectors) understand the new requirements of v3
 - Particular focus on new Inspection Checklists
 - Available through select RESNET-Accredited Training Providers (~50 currently eligible to deliver)
 - Est. 2-3 day class; many classes being offered now
 - Provides Raters with required RESNET Professional Development credit
 - Aims to reduce the ‘I didn’t know’ issue (yes, them too!)
 - Test at end of training (open notes; not as easy as EPA’s builder training, but all should pass if paying attention)

Rater Training: Locations



<http://www.resnet.us/energystar.html>

Rater Training: Timeline



- New rater partners must have at least one individual take training to complete Partnership Agreement process
 - Training completion logs sent to EPA by trainers
- Existing Rater partners must have at least one individual complete by 1/1/2012 to maintain partnership (or to label homes under v3)
- All individual Raters and Field Inspectors who work on qualified homes must complete Version 3 Training
 - It is not sufficient for one Rater or one Field Inspector in the organization to complete this training

Rater Training: Content



Section 1: ENERGY STAR Program Essentials

- Maintaining Your Partnership
 - Partner records, partnership benefits, activity requirements/notifications, home reporting problems, homeowner complaint process
- Marketing ENERGY STAR
 - Training resources, logo use, Marketing Toolkit, print collateral, Partner Locator, partner awards & recognition
- ENERGY STAR Support
 - How to get answers to their burning ENERGY STAR questions!

Rater Training: Content



Section 2: National Program Requirements

- Version 3 Basics
 - Rationale, timeline, Version 2.5, new program documentation requirements
- Implementation Tips
 - Importance of training/educating builders & trades, kick-off meetings, coordination with architects and subs
- Qualifying Homes under Version 3
 - Prescriptive and Performance Paths
 - ENERGY STAR Reference Design
 - Benchmark Home Size/Size Adjustment Factor
- Lots of Examples

Rater Training: Content



Sections 3/4/5: Inspection Checklists

- Detailed presentations on each checklist, item-by-item, with sketch-up diagrams and images of good/bad details (where available)
 - Thermal Enclosure Rater Checklist
 - HVAC Quality Installation Rater Checklist (Not HVAC Contractor Checklist)
 - Water Management Builder Checklist
- NOTE: EPA also developing supplemental webinars for raters on key HVAC QI checklist requirements

Rater Training: Your Role



- Encourage your Raters to get their v3 training now!
 - EPA & Training Providers are also actively spreading the word
- Host Rater training sessions in your market
 - Or, look to co-sponsor already-planned or existing local training sessions
 - Allows greater customization for local conditions and construction types
 - Consult RESNET web site for list of Accredited Trainers
(<http://www1.resnet.us/programs/energystarv3/directory.aspx>)
 - Consider leveraging dollars from local vendors
- Offer training stipend for early birds
- What are you doing to train Raters in your markets?
(Roundtable)

HVAC Training: The Basics



- HVAC contractors must be credentialed by an EPA-recognized HVAC Quality Installation Training and Oversight Organization (H-QUITO) to install HVAC systems in Version 3 homes
- Contractors submit an application to an H-QUITO to demonstrate that they have the knowledge, skills, and company policies to deliver QI services
- At least one representative from each HVAC contractor must attend an ENERGY STAR Version 3 Orientation Training before the organization can apply for credentials
 - Training offered directly by H-QUITO (not EPA or RESNET)

HVAC Training: Timeline



- All HVAC contractors installing systems in ENERGY STAR homes must be trained/credentialed by 1/1/2012 (or to work in v3 homes)

HVAC Training: Content



- Introduction to ENERGY STAR for New Homes and the Version 3 Guidelines
- Overview of HVAC Quality Installation (QI) requirements
- Review of the ENERGY STAR HVAC Contractor QI Checklist
- Overview of how to participate in the H-QUITO's credentialing program

HVAC Training: Your Role



- Encourage HVAC contractors in your market to get their training/credentials now!
- Host an ENERGY STAR v3 HVAC Orientation training session for contractors in your market
 - Coordinate with an EPA-recognized H-QUITO
 - Note that HVAC contractors may still need to take on-line test to complete the process
- Host HVAC QI training sessions on specific topics (e.g., Manual J)
 - Assess your market to determine technical gaps for QI abilities
 - Work with an H-QUITO or use local HVAC experts
- Offer training/credentialing stipend for early birds
- Consider leveraging dollars from local distributors
- What are you doing to train HVAC Contractors in your markets? (Roundtable)



Questions?

Comments?

Concerns?

(aren't you glad we didn't add a training requirement for sponsors too?)