



ENERGY STAR Qualified Homes Version 2.5 Training

This presentation is aligned with Version 3 (Revision 04) of the ENERGY STAR for Homes guidelines.

Learn more at energystar.gov

Agenda



- **Overview**
- **Qualifying Homes under Version 2.5**
- **Inspection Checklists**
- **Transition Resources**



Overview

Why change from Version 2?



- **Challenges to continued program success**
 - Energy codes are becoming more stringent, particularly with the adoption of the 2009 IECC.
 - Energy codes are increasing more rapidly and updates will be adopted more regularly by many states.
 - Market penetration is increasing, and ENERGY STAR is becoming the standard for new home construction in some markets.
 - Increasing penetration of thermography reduces tolerance for defects.
- **Continually improve value proposition**
 - To protect its value to consumers, partners, and other stakeholders, ENERGY STAR must continue to be a mark of distinction that represents significant efficiency above standard constructions practices.
 - Additionally, the guidelines need to be augmented with building science practices that can help improve comfort, indoor air quality, and durability in qualified homes.

What is Version 2.5?



- **Version 3 with allowances for transition**
 - Version 2.5 applies to homes that are permitted before April 1, 2011 and have final inspection dates between January 1, 2012 and July 1, 2012.
 - Version 2.5 also applies to homes that are permitted and have final inspection dates between Apr. 1, 2011 and July 1, 2012.
 - Homes permitted before April 1, 2011 can be qualified Version 2 until December 31, 2011, however, builder are strongly encouraged to begin qualifying homes using Version 2.5 as soon as possible to facilitate a successful transition to Version 3.
 - Exceptions apply for low-income housing.
- **Version 2.5 will help partners succeed with Version 3**

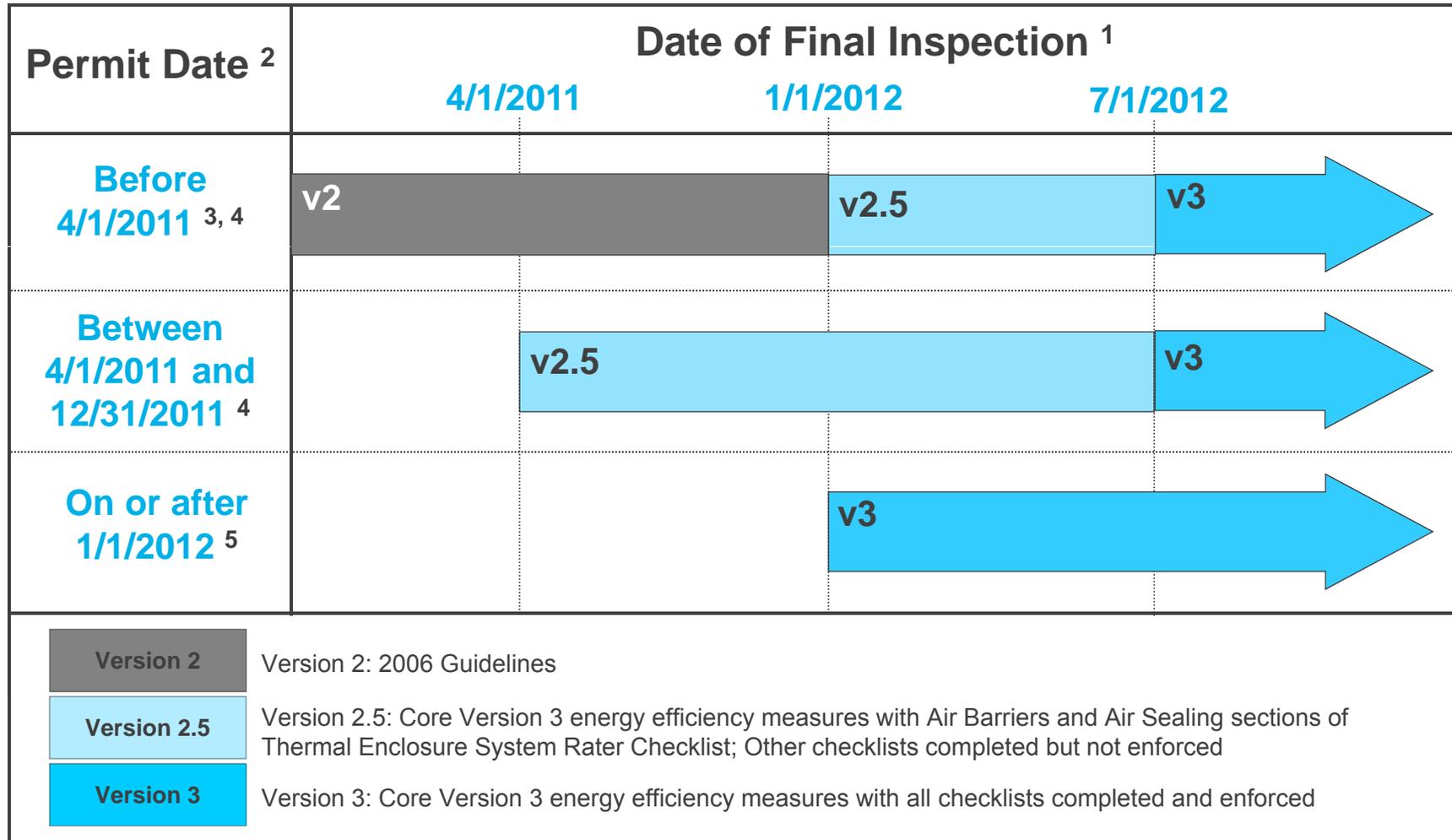
By completing all mandatory checklists, but providing an allowance for deficiencies during this transitional period, Version 2.5 allows partners to identify what parts of the full Version 3 guidelines require further preparation and assistance.

Major changes from Version 2 to Version 2.5



- **More rigorous core energy efficiency measures**
 - Version 2.5 features more rigorous core energy efficiency measures that deliver additional savings above code.
- **Enhanced inspection checklists**
 - The current Thermal Bypass Checklist has been expanded into the Thermal Enclosure System Rater Checklist (TESRC). An HVAC System Quality Installation Contractor Checklist, HVAC System QI Rater Checklist, and Water Management System Builder Checklist have been added.
 - The checklists include building science-based details that control air, thermal, and moisture flows within homes to deliver improved durability, comfort, and efficiency.

Implementation timeline





Qualifying Homes under Version 2.5

Qualifying homes under Version 2.5



1. Check eligibility.
2. Choose either the Prescriptive or Performance Path to pick upgrades.

Prescriptive Path

1. Build the home using the prescriptive guidelines.
2. Complete the inspection checklists.

Performance Path

1. Build the home using a customized package of upgrades.
2. Complete the inspection checklists.

Qualifying homes under Version 2.5



- **Verify eligibility**

- Single family homes; OR
- Units in any multifamily building with 4 units or fewer; OR
- Units in multifamily buildings with 3 stories or fewer above-grade^{1,2}; OR
- Units in multifamily buildings with 4 or 5 stories above-grade^{1,2} that have their own heating, cooling, and hot water systems³, separate from other units, and where dwelling units occupy 80% or more of the occupiable² square footage of the building⁴. When evaluating mixed-use buildings for eligibility, exclude commercial / retail space when assessing whether the 80% threshold has been met.
- Units in multifamily buildings that are not eligible to earn the ENERGY STAR through the New Homes Program may be eligible through the Multifamily High Rise Program.

Qualifying homes under Version 2.5



- **Select energy efficiency measures**

Homes qualified under Version 2.5 must include the core Version 3 energy efficiency measures. These specifications can be met in one of two ways:

- Select a predefined package of improvements under the Prescriptive Path; OR
- Create a customized set of upgrades through the Performance Path.

Homes that are larger than their Benchmark Home Size must use the Performance Path so that the Size Adjustment Factor can be applied. They cannot use the Prescriptive Path.

Benchmark Home Size



Benchmark Home Size

Bedrooms	1	2	3	4	5	6	7	8
CFA	1,000	1,600	2,200	2,800	3,400	4,000	4,600	5,200

- **Benchmark Home Size comparison**

- Conditioned floor area and bedrooms are defined by RESNET for the purpose of rating homes. ENERGY STAR uses these definitions for the Benchmark Home Size comparison with this one exception: Floor area in basements that are $\geq 50\%$ below-grade is not included in the comparison (but is used for rating the home, determining maximum duct leakage, etc.).
- For the purpose of determining whether at least half of the basement wall area is below grade, use the exterior wall area from the basement floor to the bottom of the basement ceiling framing (e.g., the bottom of the joists for the floor above). Exclude the area of all common walls in the basement.

Benchmark Home Size



- **Conditioned Floor Area**

- The RESNET Standards define conditioned floor area as:
“The finished floor area in square feet of a home that is conditioned by heating or cooling systems, measured in accordance with ANSI Standard Z765-2003 with exceptions as specified in Appendix A of this Standard.”
- RESNET recently released an interpretation of this definition that provides further clarity. The RESNET Standards, including interpretations, can be accessed through resnet.us/standards.
 - Finished floor area is included in CFA.
 - Unfinished, directly conditioned floor area is included in CFA.
 - Unfinished floor area not directly conditioned is NOT included in CFA.

Benchmark Home Size



- **Bedroom**

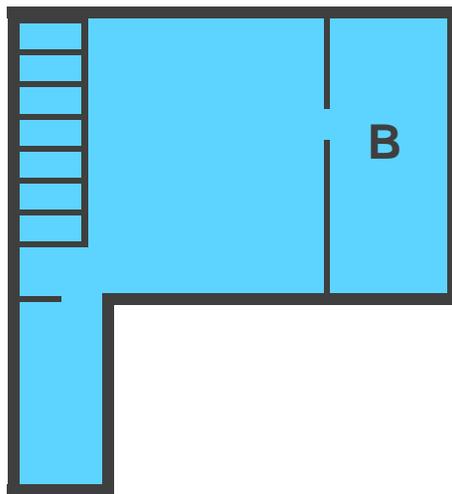
- ENERGY STAR refers to the RESNET definition of a bedroom per footnote 6 of the National Program Requirements (p. 4):
- “A bedroom is defined by RESNET as a room or space 70 sq. ft. or greater in size, with egress window and closet, used or intended to be used for sleeping. A "den", "library", or "home office" with a closet, egress window, and 70 sq. ft. or greater or other similar rooms shall count as a bedroom, but living rooms and foyers shall not.
- “An egress window, as defined in IRC section R310, refers to any operable window that provides for a means of escape and access for rescue in the event of an emergency. The egress window shall:
 - “have a sill height of not more than 44 inches above the floor; AND
 - “have a minimum net clear opening of 5.7 sq. ft.; AND
 - “have a minimum net clear opening height of 24 in.; AND
 - “have a minimum net clear opening width of 20 in.; AND
 - “be operational from the inside of the room without the use of keys, tools or special knowledge.”

Benchmark Home Size

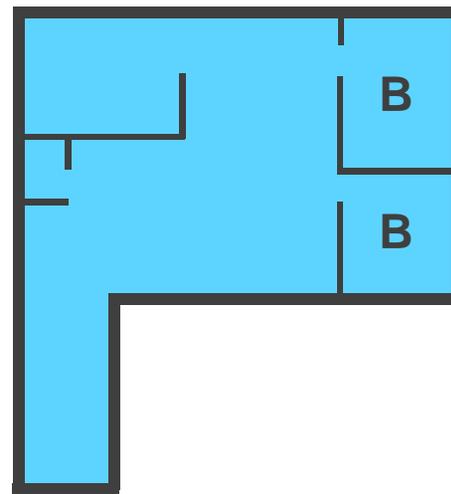


- **Example #1**

- This home has a slab-on-grade foundation.



1st Floor



2nd Floor

B = Bedroom
■ = Comparison Area

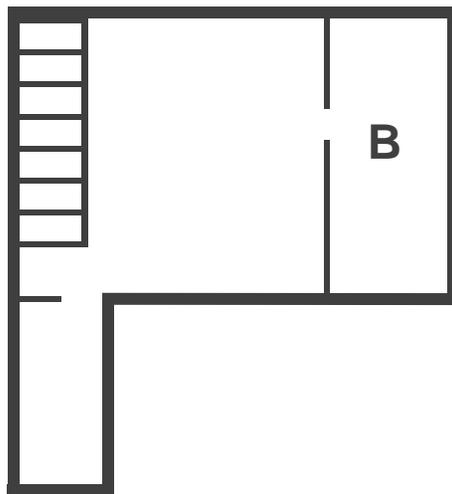
Bedrooms	3	Benchmark Home Size	2,200 ft ²
Comparison Area	2,400 ft ²	Verification Path	Performance Path only

Benchmark Home Size

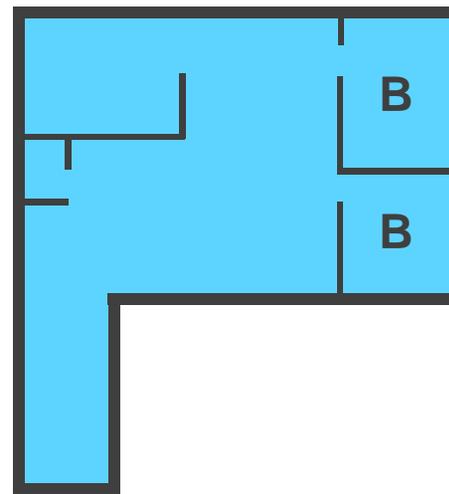


- Example #2**

- This home has a basement with 60% of the wall area below grade, above the 50% threshold. Floor area in the basement is not counted in the comparison with the Benchmark Home Size (but the bedroom is).



Basement



1st Floor

B = Bedroom
■ = Comparison Area

Bedrooms	3	Benchmark Home Size	2,200 ft ²
Comparison Area	1,200 ft ²	Verification Path	Either path

Qualifying homes under Version 2.5



- **Complete inspection checklists**

- In addition to the core Version 3 energy efficiency measures, homes must include additional measures enforced with inspection checklists. These measures help ensure comprehensive systems and energy efficiency with every qualified home under Version 3.
- In Version 2.5, all inspection checklists must be completed. Homes must pass all requirements of the Air Barriers and Air Sealing section of the Thermal Enclosure System Rater Checklist. Noncompliance with other items will not prevent homes from earning the label under Version 2.5.
- Compliance with all checklist items will be required under Version 3.

Version 2.5 Prescriptive Path



- **ENERGY STAR Reference Design**

- The ENERGY STAR Reference Design is a pre-defined set of specifications that must be met for all homes under the Prescriptive Path.
- National and county-level specifications are available.

- **Key specification categories**

Cooling Equipment (where provided); Heating Equipment; Envelope, Windows, & Doors; Water Heater; Thermostat; Ductwork; and Lighting & Appliances

- **Compliance**

- Only homes the same size or smaller than their Benchmark Home Size may use this path.
- No trade-offs are allowed.
- The home must be designed and constructed to specifications and pass all required inspections and testing.

Version 2.5 Performance Path



- **ENERGY STAR HERS Index Target**
 - The ENERGY STAR HERS Index Target is the customized threshold that each home following the Performance Path must meet to earn the ENERGY STAR.
 - The ENERGY STAR HERS Index Target is based on the ENERGY STAR Reference Design used in the Prescriptive Path and, for homes larger than their Benchmark Home Size, includes the Size Adjustment Factor.

Size Adjustment Factor



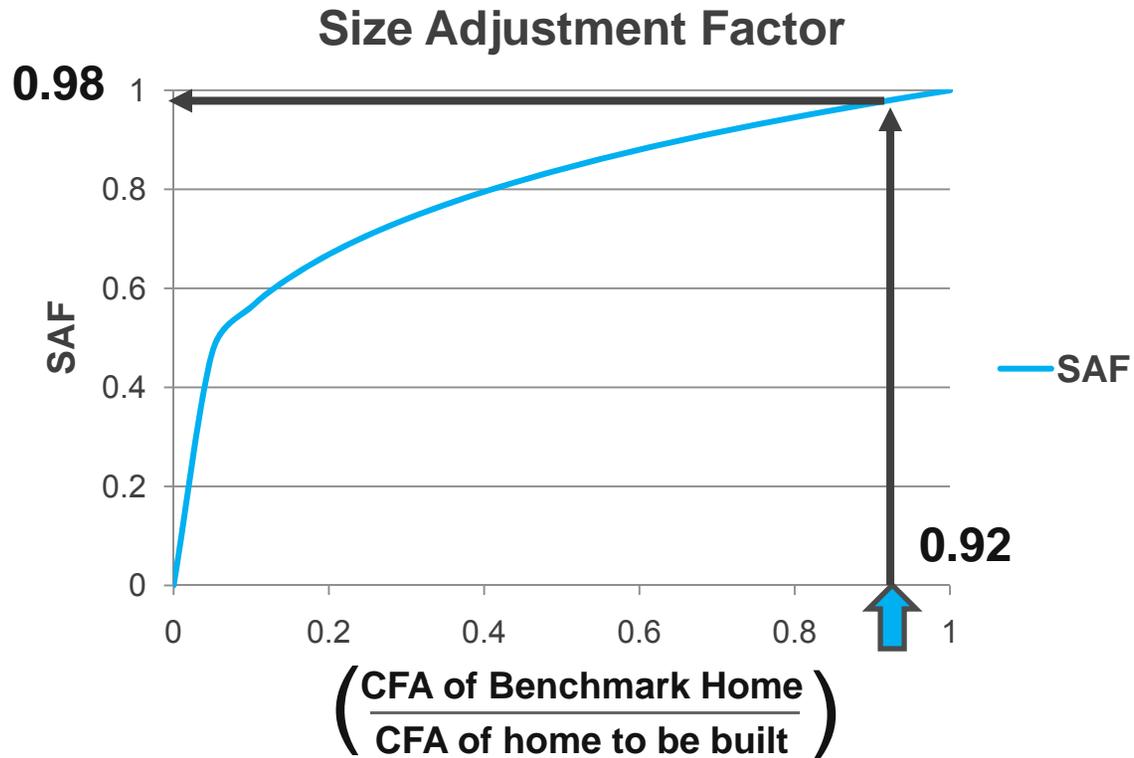
- **Modified count of bedrooms and area**
 - Like the Benchmark Home Size comparison, the SAF doesn't count conditioned floor area in below-grade basements.
 - The SAF is only applied to homes larger than the Benchmark Home Size. It's a multiplier between 0 and 1 that lowers the ENERGY STAR HERS Index Target.
 - The 0.25 exponent reduces the impact of home size and keeps the value closer to 1.

$$\text{SAF} = \left(\frac{\text{CFA of Benchmark Home}}{\text{CFA of home to be built}} \right)^{0.25}$$

Size Adjustment Factor



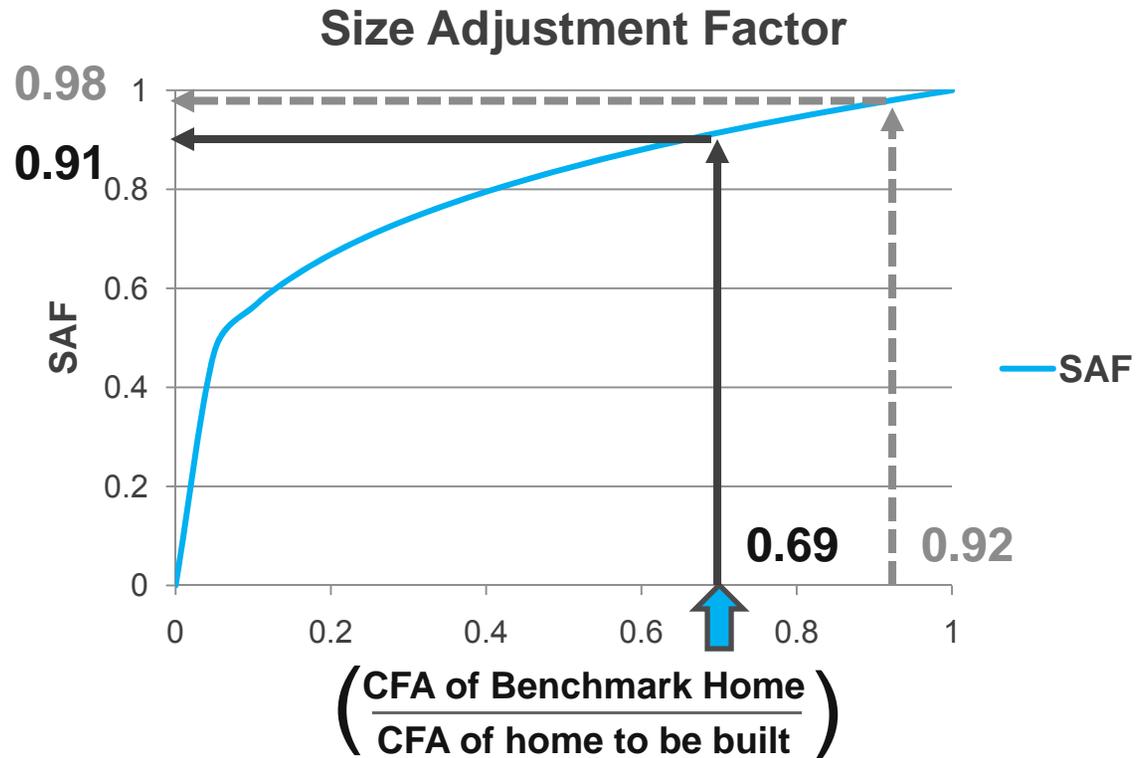
Bedrooms	3
Benchmark Home Size	2,200 ft ²
Home to be Built	2,400 ft ²



Size Adjustment Factor



Bedrooms	3
Benchmark Home Size	2,200 ft ²
Home to be Built	3,200 ft ²



Size Adjustment Factor



- **Automatic software configuration**
 - Rating software automatically configures the ENERGY STAR Reference Home in the background. Raters who want to understand this process can refer to the ENERGY STAR HERS Index Target Procedure at www.energystar.gov/newhomesguidelines.
 - Revision 04 modified how the Benchmark Home Size and Size Adjustment Factor are calculated. However, the change **only** impacts homes that both have basements that are $\geq 50\%$ below-grade **and** have bedrooms in the basement. For these homes, the ENERGY STAR HERS Index Target will become less stringent. No other homes are impacted by this policy change.
 - Software is not updated immediately to reflect this change. Check your software's help files or user support to see if it has been updated. Until software is updated, Raters can use their current software or follow the instructions in the National Program Requirements to evaluate the Benchmark Home Size and Size Adjustment Factor by hand.

Version 2.5 Performance Path



- **Select upgrades**

- Just like in Version 2, the Rater and builder have flexibility to select a custom set of energy efficiency specifications, so long as the resulting HERS Index meets or exceeds the ENERGY STAR HERS Index Target.
- Builders and Raters may mix and match any component, including:
 - Insulation levels;
 - Window efficiency;
 - Infiltration levels;
 - HVAC efficiency;
 - Water heating efficiency; or
 - Lighting & appliances.

- **Verification**

The home must be designed and constructed to the customized specifications and pass all required inspections and testing.



Qualifying Homes under Version 2.5: Examples

Example #1



Verification Path	Performance Path	CFA	2,500 ft ²
Bedrooms	4 bedrooms	Benchmark Home Size	2,800 ft ²

- The home to be built is smaller than the Benchmark Home Size, so it can be qualified under either path.
- The builder wants to use the Performance Path. The Rater models the home to find the ENERGY STAR HERS Index Target. For this home, it turns out to be 76.
- The builder and Rater can select any set of upgrades that achieves a HERS Index ≤ 76 and meets other program requirements.
- The Rater verifies that the home is built with the selected upgrades and completes the inspection checklists.

Example #2



Verification Path Bedrooms	Prescriptive Path 3 bedrooms	CFA Benchmark Home Size	2,100 ft ² 2,200 ft ²
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- The home to be built is smaller than the Benchmark Home Size, so it can be qualified under either path.
- The builder wants to use the Prescriptive Path. The necessary upgrades are based on the ENERGY STAR Reference Design.
- The Rater verifies that the home is built to the ENERGY STAR Reference Design and completes the inspection checklists.

Example #3



Verification Path Bedrooms	Performance Path 3 bedrooms	CFA Benchmark Home Size	2,500 ft ² 2,200 ft ²
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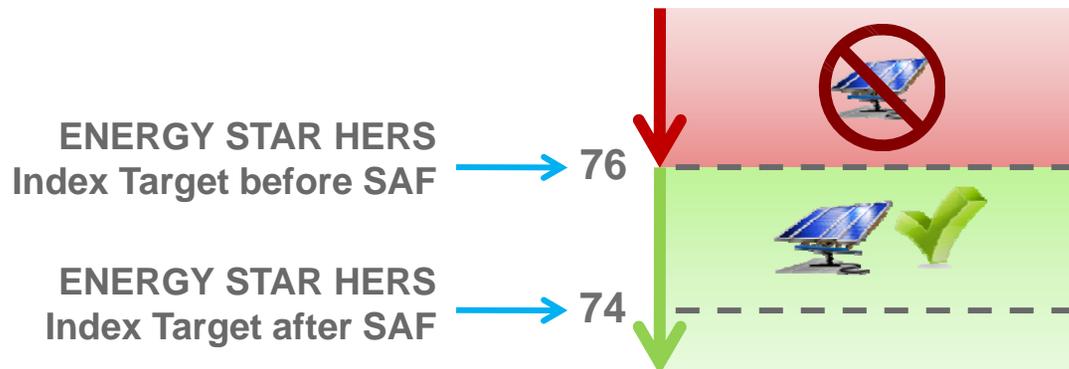
- The home is larger than the Benchmark Home Size, so it must be qualified under the Performance Path.
- The Rater models the home to find the ENERGY STAR HERS Index Target.
 - The HERS Index of the ENERGY STAR Reference Design Home before the SAF is applied is 76.
 - The SAF lowers the threshold by 2 Index points.
 - The ENERGY STAR HERS Index Target for the home is 74.
- The builder and Rater can select any set of upgrades that achieves a HERS Index ≤ 74 and meets other program requirements. The Rater verifies that the home is built with the selected upgrades and completes the inspection checklists.

Example #3



Verification Path Bedrooms	Performance Path 3 bedrooms	CFA Benchmark Home Size	2,500 ft ² 2,200 ft ²
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- Note that onsite power generation (e.g., photovoltaics) can be used to help this home earn the ENERGY STAR.
 - The Size Adjustment Factor lowered the ENERGY STAR HERS Index Target by 2 Index points to 74
 - Onsite power generation cannot be used to help the home achieve an Index of 76. It can, however, be used to reduce the Index beneath 76.





Inspection Checklists

Changes from Version 2 to Version 2.5



- **New Thermal Enclosure System Checklist**

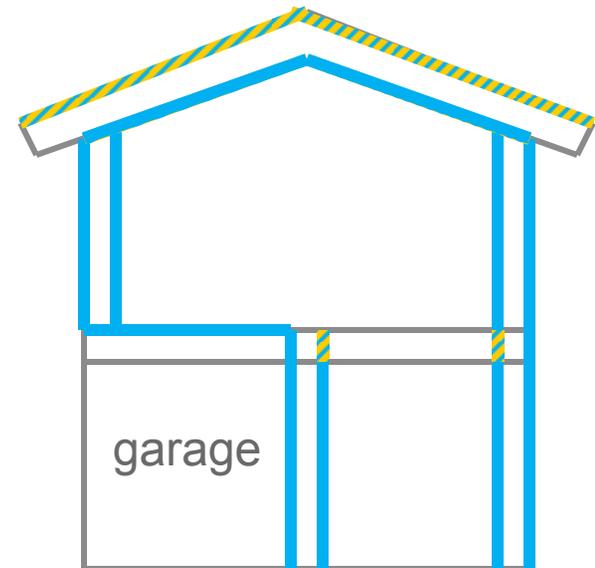
- Full compliance with Sections 3 and 5 is required for Version 2.5.
- Section 3, Fully-Aligned Air Barriers, is based on the current TBC.
- Section 5, Air Sealing, includes some TBC requirements that more closely relate to air sealing along with new prescriptive details at critical locations where failures are common.
- Under Version 2.5, the builder can verify up to 6 items at Rater discretion.

Version 2.5 Changes from TBC



- **Overall air barrier alignment clarified**

- At interior or exterior surface of ceilings in CZ1-3;
- At interior surface of ceilings in CZ4-8.
 - Also, include barrier at interior edge of attic eave in all climate zones using a wind baffle that extends to the full height of the insulation. Include a baffle in every bay or a tabbed baffle in each bay with a soffit vent that will also prevent wind washing of insulation in adjacent bays
- At exterior surface of walls in all CZs;
- And at interior surface of walls for CZ 4-8
 - Interior air barrier at band joists is recommended in CZ 4-8.
- At interior surface of floors in all climate zones, including supports to ensure permanent contact and blocking at exposed edge

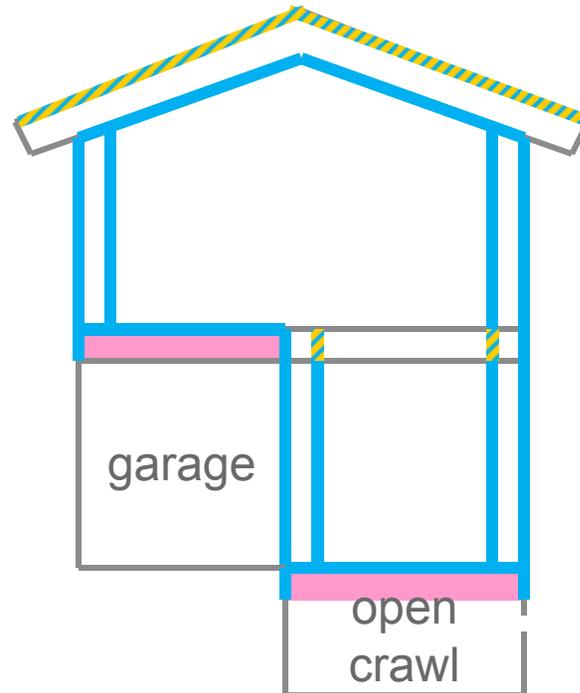


Version 2.5 Changes from TBC



- **Insulated floors clarified**

- Floors over unconditioned basements or unconditioned crawlspaces are now explicitly listed in addition to floors over garages and cantilevered floors, from the Version 2 TBC.



Version 2.5 Changes from TBC



- **Slab edge insulation**

- During the Version 2.5 transition period, up to 25% of the slab edge may be uninsulated in Climate Zones 4 and 5, just as in Version 2.
 - This expires with Version 3.
- Where an insulated wall separates a garage, patio, porch, or other unconditioned space from the conditioned space of the house, slab insulation shall also be installed at this interface to provide a thermal break between the conditioned and unconditioned slab.
- Where specific details cannot meet this requirement, partners shall provide the detail to EPA to request an exemption prior to the home's qualification. EPA will compile exempted details and work with industry to develop feasible details for use in future revisions to the program.
- A list of currently exempted details is available at:
www.energystar.gov/slabeledge.

Version 2.5 Changes from TBC



- **Slab edge insulation**

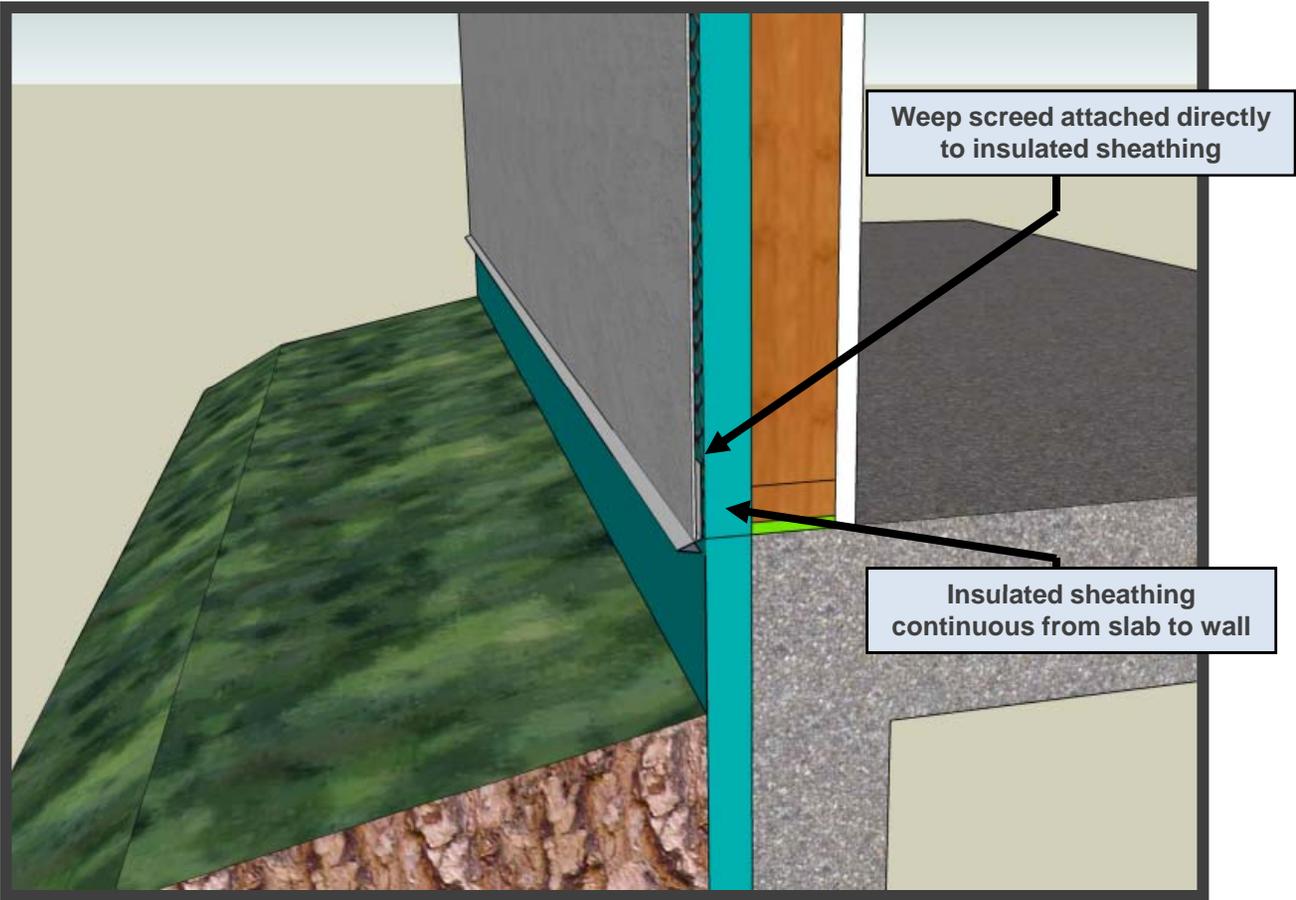
- Slab edge insulation detail for stucco wall systems

- Walls can be designed such that the weep screed rests upon slab insulation rather than directly on the foundation. For example, the sheathing of the exterior wall can be aligned in the same plane as the foundation insulation, providing a continuous insulated surface. Therefore, insulation must extend behind the weep screed to satisfy the intent of Item 4.2.

Version 2.5 Changes from TBC



Slab edge insulation detail for stucco wall systems



Version 2.5 Changes from TBC



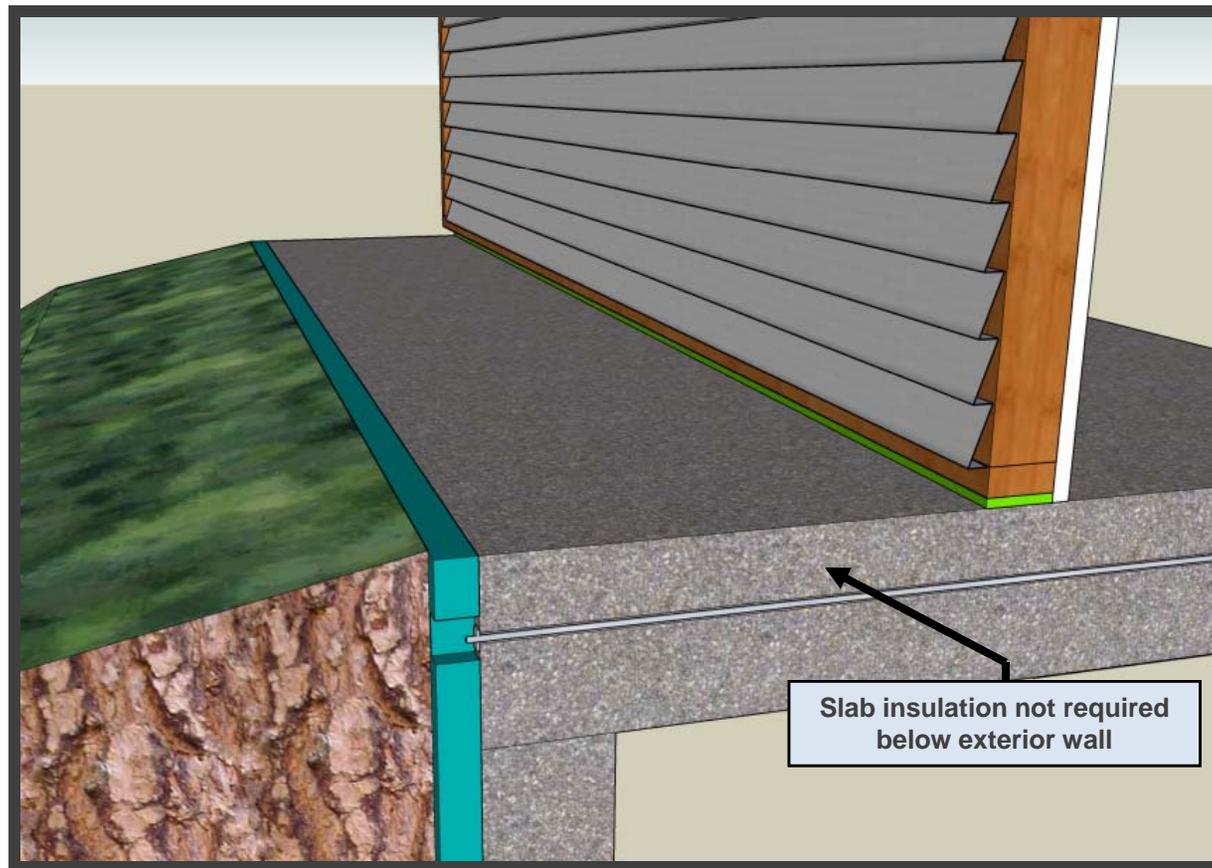
- **Slab edge insulation**

- Slab edge insulation exemption for post-tensioned slabs
 - Where a continuous post-tensioned slab extends from conditioned to unconditioned space (e.g., from conditioned space to an adjacent unconditioned hallway, to an unconditioned garage, to a porch), insulation is not required to be provided at this boundary to satisfy Item 4.2. This exemption applies to both multifamily and single-family homes.

Version 2.5 Changes from TBC



Slab edge insulation exemption for post-tensioned slabs



Version 2.5 Changes from TBC



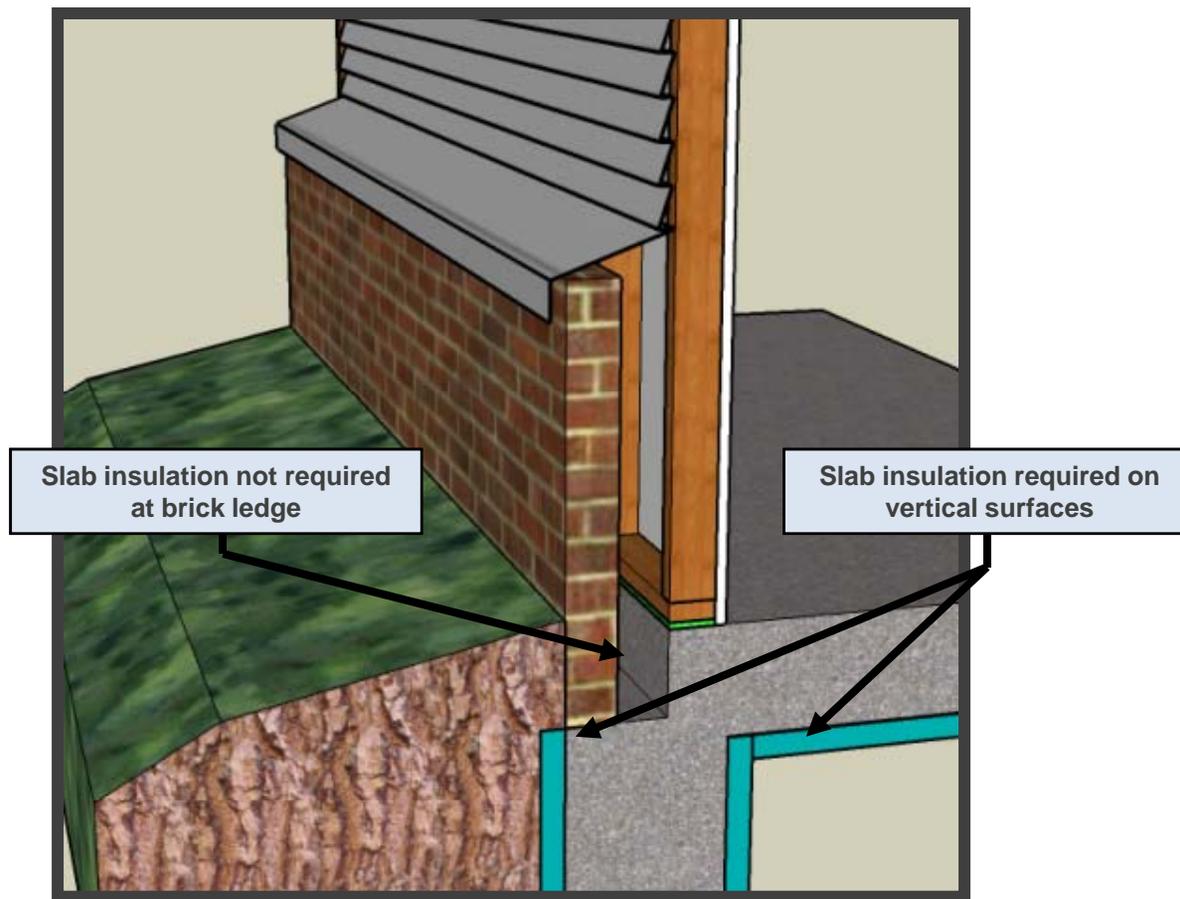
- **Slab edge insulation**

- Slab edge insulation detail for monolithic slabs with brick ledges
 - EPA will not require the horizontal brick ledge of monolithic slabs to be insulated in order to satisfy the intent of Item 4.2. However, the vertical surface on either side of the ledge shall be insulated. Furthermore, floating slabs with brick ledges are not exempted because the insulation layer can be moved to the interior vertical surface of the foundation.

Version 2.5 Changes from TBC



Slab edge insulation detail for monolithic slabs with brick ledges



Version 2.5 Changes from TBC



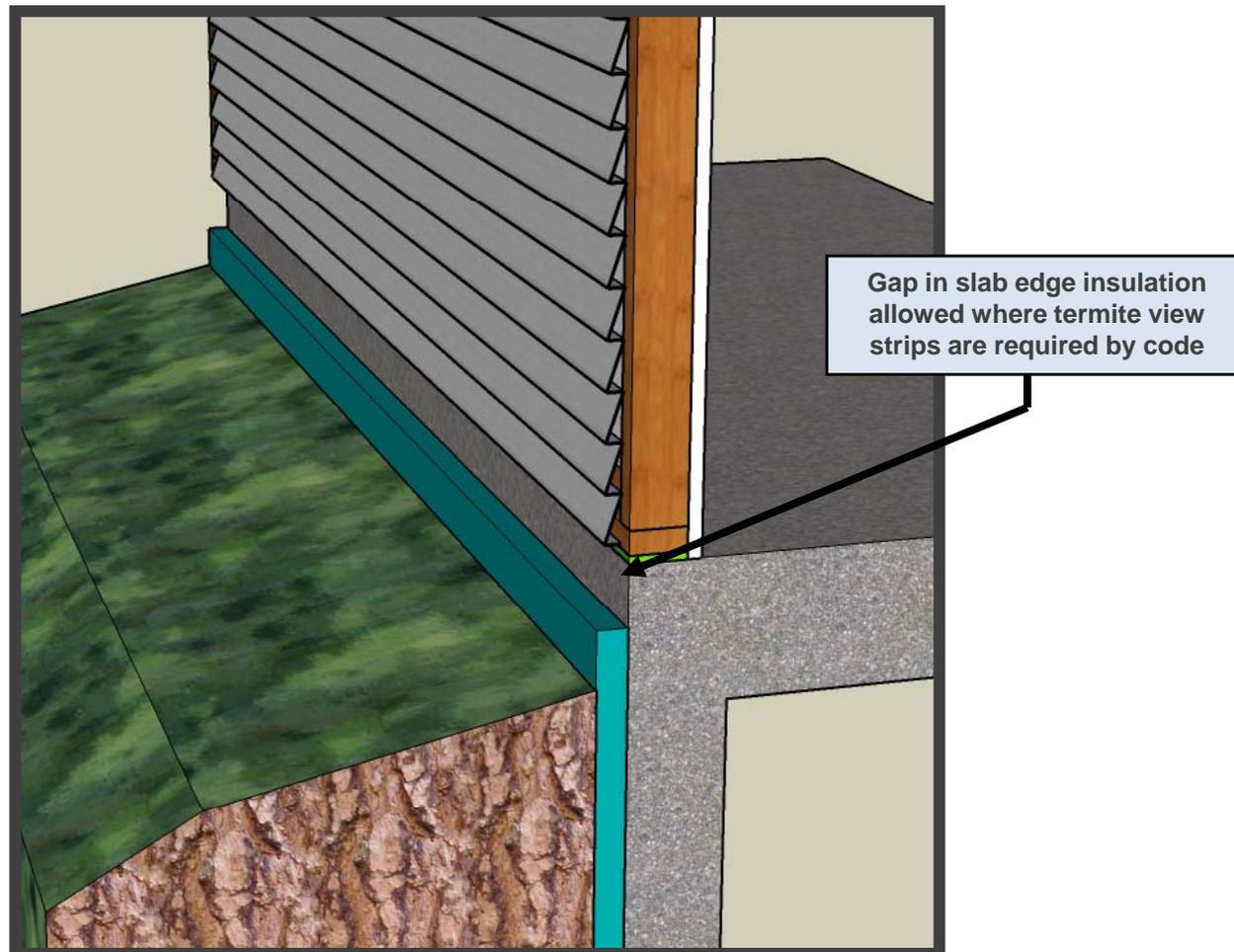
- **Slab edge insulation**

- Slab edge insulation exemption for termite view strips
 - Homes that have uninsulated termite view strips due to code requirements satisfy the intent of Item 4.2.
 - As noted in the footnotes of the National Program Requirements (Rev. 04), “In cases where overlapping requirements conflict with a requirement of these ENERGY STAR guidelines (e.g., slab insulation is prohibited to allow visual access for termite inspections), then the conflicting requirement within these guidelines shall not be met. Qualification shall only be allowed if the rater has determined that no equivalent option is available that could meet the intent of the conflicting requirement of these ENERGY STAR guidelines (e.g., switching from exterior to interior slab edge insulation).”

Version 2.5 Changes from TBC



Slab edge insulation exemption for termite view strips



Version 2.5 Changes from TBC



- **Critical air sealing details added**
 - Electric wiring and exhaust fan penetrations must be flashed if necessary and sealed.
 - Sill plates must be caulked to the foundation and, where in contact with concrete or masonry, gasketed.
 - Exterior walls must have continuous top plates or sealed blocking.
 - Sheetrock must be sealed to top plates at the attic/wall interface.
 - Air sealing must be done with appropriate materials (e.g., silicone caulk, latex foam).

Version 2.5 Changes from TBC



- **Critical air sealing details added**
 - Rough openings around windows & exterior doors must be caulked or foamed. Exterior doors must be gasketed or made substantially airtight.
 - Exterior marriage joints in modular homes must be gasketed & foamed.
 - Exterior SIP seams must be foamed & taped.
 - Attic accesses must be gasketed and durably insulated to \geq R-10. Version 2 did not specify any particular level of insulation.
 - Whole-house fans must be equipped with an insulated cover that is \geq R-10, gasketed, and either installed to the house side or mechanically operated.

Changes from Version 2 to Version 2.5



- **HVAC System Quality Installation Contractor Checklist**
 - Ensures that the HVAC systems in ENERGY STAR qualified homes are designed and installed according to industry-accepted quality installation practices.
 - Checklist to be completed by HVAC contractor
 - Raters will be responsible for validating some key data points.
 - Accuracy of calculations and all of the requirements of the HVAC System QI Contractor Checklist are the exclusive responsibility of the HVAC contractor.
 - Raters are not held liable for the HVAC contractor's work. However, Raters will be empowered to deny the ENERGY STAR label to a home when discrepancies are found as part of their validation of elements of the Contractor Checklist.

Changes from Version 2 to Version 2.5



- **HVAC System Quality Installation Contractor Checklist (cont'd)**
 - For Version 2.5, this Checklist must be completed, but homes will not be denied the ENERGY STAR label for deficiencies.
 - In Version 3 homes, only HVAC contractors who have completed ENERGY STAR Version 3 Training for HVAC Contractors and have been credentialed by an EPA-recognized training and oversight organization will be permitted to complete this Checklist.
 - For Version 3, all Checklist elements must pass for the home to be qualified.

Changes from Version 2 to Version 2.5



- **HVAC System Quality Installation Rater Checklist**
 - Used to verify that the home's ductwork and ventilation system have been installed properly.
 - Also used to validate key elements in HVAC contractor's work:
 - Key inputs in Manual J calculations are within acceptable tolerances compared to the built home (e.g., design temperatures, home orientation, conditioned floor area, number of occupants, window area);
 - Installed equipment does not exceed the specified size limitation (refer to Manual J checklist);
 - The correct air conditioning and heat pump equipment are installed and properly matched (refer to the AHRI web site);
 - There is adequate air flow across the heat exchanger/coil;

Changes from Version 2 to Version 2.5



- **HVAC System Quality Installation Rater Checklist (cont'd)**
 - Key elements in HVAC contractor's work (cont'd):
 - The contractor's refrigeration calculations are accurate (refer to an applicable Pressure Temperature chart);
 - The home's HVAC controls operate properly; and
 - The number of supply and return grills match the HVAC contractor's Testing and Balance Report.
 - For Version 2.5, this Checklist must be completed, but homes will not be denied the ENERGY STAR label for deficiencies.
 - For Version 3, all Checklist elements must pass to the home to be qualified.

Changes from Version 2 to Version 2.5



- **Water Management System Checklist**
 - Requires inspection of key areas to help assure bulk moisture control, including water-managed foundation, walls, roofs, and building materials.
 - Must be completed by the builder's site supervisor or other qualified individual on the builder's staff.
 - Rater may also verify items on the Checklist. However, the builder is responsible for accuracy of all Checklist requirements.
 - Completed and signed Checklist should be provided to the Home Energy Rater to keep with the home's ENERGY STAR file.
 - As an alternative, homes can be qualified to earn EPA's Indoor airPLUS label which includes all Water Management System requirements.
 - For Version 2.5, this Checklist must be completed, but homes will not be denied the ENERGY STAR label for deficiencies.
 - For Version 3, all Checklist elements must pass for the home to be qualified.

Indoor airPLUS



- **What Is Indoor airPLUS?**

Americans are increasingly concerned about mold, radon, carbon monoxide, and toxic chemicals in their homes. By adding up to 30 additional home design and construction features, Indoor airPLUS helps builders construct homes that meet stringent EPA guidelines for indoor air quality.

- **Built on ENERGY STAR for Homes Version 3**

- The Indoor airPLUS Checklist is an alternate for the Water Management Checklist.
- No extra Rater trips to the jobsite are required. All inspections can be performed with the pre-drywall and final inspections and through builder verification.
- No extra training is required, but EPA provides technical resources on moisture, HVAC performance, and building science to assist partners.

Indoor airPLUS



- **Gateway to other green building programs**

Credit for Indoor airPLUS is granted in many green building programs:

- LEED for Homes
- NAHB Research Center Green Certification Program
- Earthcraft
- Environments for Living
- Habitat for Humanity

- **Added market differentiation**

The Indoor airPLUS label can help builders compete more effectively by providing added market differentiation, instilling greater homeowner confidence in a label backed by EPA, and capturing consumer interest in indoor environmental quality.

- www.epa.gov/indoorairplus





Transition Resources

Transition resources



- **New main Technical Resource page for program guidelines and training**
 - www.energystar.gov/newhomesguidelines
- **Training requirements**
 - Builders – link to online training through ENERGY STAR Website (www.energystar.gov/MESA)
 - Raters and Field Inspectors – link to approved training organizations through RESNET website (www.resnet.us/energystar)
 - HVAC contractors - program Website for information on HVAC contractor credentialing (www.energystar.gov/newhomeshvac)

Transition resources



- **New quick link to training resources**
 - www.energystar.gov/newhomestraining
 - Click through to supplemental training resources, including:
 - Live webinars (also at www.energystar.gov/newhomeswebinars)
 - Slide decks and recorded trainings on Version 2.5 and the key systems in Version 3
 - Version 3 Field Inspection Checklist Guidebooks

Transition resources



- **Regular webinars**

- www.energystar.gov/newhomeswebinars

Learning the Thermal Enclosure System Rater Checklist

Learning the Water Management System Builder Checklist

Learning the HVAC System Quality Installation Rater Checklist

Successful ENERGY STAR Project Kick-off Meetings

Building Homes under Version 3

Best Practices for Selling ENERGY STAR Qualified Homes

Transition resources



- **Technical questions**

1. The best first step when you have a question about the guidelines is to read the guidelines themselves. The guidelines, including footnotes, include many details that answer common, and uncommon, partner questions.
2. For checklist items, consult the checklist guidebooks, which explain the rationale and installation standards for each item.
3. Builders can consult their Raters, particularly for questions on the Thermal Enclosure System Rater Checklist. Raters should consult with their Providers.
4. If you can't find your answer through the above steps, contact the ENERGY STAR team at energystarhomes@energystar.gov.

Transition resources



- **Build momentum in your market by participating in the We're In! Campaign**
 - Builders committed to qualifying homes under Version 3 can make that commitment public and be recognized for their early leadership.
 - Builders can make the commitment for some or all of their homes.
 - Participants will receive a press release from EPA to use in media outreach, will be showcased on EPA's website, and may be featured in EPA's own media outreach.
 - www.energystar.gov/v3commitment

Are You "In" for Version 3?

Show your leadership and make a commitment!



ENERGY STAR builder partners across the nation are making a public commitment to building their homes to the [new Version 3 requirements](#) in 2012. These builders will be featured on the ENERGY STAR web site, will receive an EPA press release template for promotional use, and may be featured in EPA-led media outreach about the value of the new Version 3 requirements.

Thank you!



ENERGY STAR for New Homes

www.energystar.gov/newhomespartners

energystarhomes@energystar.gov

Now on Twitter and Facebook!



@energystarhomes



facebook.com/energystar