

**Version Tracking Document for
ENERGY STAR Certified Homes, Program Requirements for Guam, Hawaii, and Puerto Rico, Revision 02
6/1/2013**

In the time since the Version 3 ENERGY STAR New Homes guidelines for the Guam, Hawaii, and Puerto Rico were released, EPA has modified, clarified and refined various aspects of the program documents. This document is a summary of these edits. EPA has also posted the revised program documents, labeled (Rev. 02) on its Web site at www.energystar.gov/newhomesguidelines.

All revisions are categorized as a Change, Clarification, or Refinement. These are defined as follows:

Change – The addition, deletion, or modification of a program requirement. A change will typically result from a partner question or feedback indicating that EPA’s original intent is not being met or due to changes in relevant standards (e.g., ENERGY STAR labeled product requirements, NAECA standards, ICC codes). A change is the most significant type of edit for partners because it is likely to change the way that partners comply with the program.

Clarification – The clarification of a program requirement, typically resulting from a partner question indicating confusion or ambiguity. Clarifications are not intended to significantly change the scope of the program guidelines, but rather to clarify the original intent of the requirement. A clarification is secondary in importance to a change; it should not significantly alter the way that most partners comply with the program.

Refinement – A minor revision, such as an improved choice of words, a grammatical correction, or a correction to a typographical error. A refinement is the least important type of edit; it should have no impact on the way that partners comply with the program.

Guam, Hawaii, and Puerto Rico ENERGY STAR Version 3 Guidelines

1. **Change** – Regional guidelines for Guam

The following modifications have been made so as to be applicable to Guam:

- The document title and all section titles that include “Hawaii and Puerto Rico” have been revised to read “Guam, Hawaii, and Puerto Rico”
- The Envelope Section of Exhibit 1 has been revised to read:
“Wall Insulation: ≥ R-13 for Hawaii; None required for Puerto Rico and Guam”
- The Water Heater Section of Exhibit 1 has been revised to read:
“In HI, installed system meets Hawaii Solar Water Heater Standard
In PR and GU, installed system is SRCC certified and achieves a solar fraction ≥ 0.90”
- Because Guam is able to be certified under the National Program Requirements, Footnote 26 has been revised as follows:
“Homes in Guam and Puerto Rico are eligible to earn the ENERGY STAR under the National Program Requirements. However, all homes certified under the National Program Requirements must follow the national implementation timeline.”
- Additionally, Exhibit 6 has been added to provide the implementation schedule for Guam:

Version	Applicable to Homes with the Following Permit Date	Version Description
Version 2.5	Before 04/01/2014	Version 3 Guam, Hawaii, & Puerto Rico ENERGY STAR Reference Design. All sections of the Guam, Hawaii, & Puerto Rico Version 3 Inspection Checklists completed but not enforced.
Version 3	On or after 04/01/2014	Version 3 Guam, Hawaii, & Puerto Rico ENERGY STAR Reference Design. All sections of the Guam, Hawaii, & Puerto Rico Version 3 Inspection Checklists completed and enforced.

2. **Clarification** - Prescriptive Path: Use of sampling protocol

To clarify that Raters who operate under a Sampling Provider are permitted to verify the Minimum Rated Features of the home using the RESNET-approved sampling protocol, the following sentence has been added to the end of Footnote 9:

“Raters who operate under a Sampling Provider are permitted to verify the Minimum Rated Features of the home using the RESNET-approved sampling protocol.”

3. **Refinement - Performance Path: Using software to determine the ENERGY STAR HERS Index Target**

To clarify that the process of determining the ENERGY STAR HERS Index Target must be completed using a RESNET-accredited rating software program, the phrase “Use a RESNET-accredited Home Energy Rating software program...” has been added to the beginning of Step 1 of the Performance Path.

4. **Change - Partnership, Training, and Credentialing Requirements**

To ensure that partners in GU, HI, and PR have access to important information about partnership, training, and credentialing requirements, a Section on Partnership, Training, and Credentialing Requirements has been added below the ENERGY STAR Performance Path Section as follows:

“Partnership, Training, and Credentialing Requirements

Builders, Raters, and HVAC contractors must meet the following requirements prior to certifying homes under these guidelines:

- Builders are required to be ENERGY STAR partners and complete the online Version 3 Builder Orientation. Partnership Agreements and Version 3 Builder Orientation can be found at www.energystar.gov/homesPA.
- HVAC contractors must be credentialed by an EPA-recognized HVAC Quality Installation Training and Oversight Organization (H-QUITO). An explanation of this process and links to H-QUITOs can be found at www.energystar.gov/newhomesHVAC.
- Raters and Field Inspectors are required to complete Version 3 Training which can be found at www.energystar.gov/newhomestraining.”

5. **Clarification - Exhibit 1: Infiltration rate**

To ensure that envelope leakage is being determined by a Rater using a RESNET-approved testing protocol, the following Footnote has been added to the maximum allowable infiltration rate in the Envelope Section of Exhibit 1:

“Envelope leakage shall be determined by a rater using a RESNET-approved testing protocol.”

6. **Change - Exhibit 2 & Footnote 23: Removal of Indoor airPLUS Checklist as compliance option**

Because all ENERGY STAR Certified Homes must complete the Water Management System Builder Checklist regardless of the home’s participation in the Indoor airPLUS program, the phrase “(or Indoor airPLUS Verification Checklist)” has been removed from Exhibit 2 as has Footnote 23, which describes how to use an Indoor airPLUS Verification Checklist as an alternative to the Water Management System Builder Checklist.

7. **Refinement – Footnote 13: Improved word choice**

The phrase “meets the requirement for a radiant barrier” has been revised to “meets the intent of a radiant barrier”.

8. **Refinement – Footnote 14: Improved word choice**

Footnote 14 stated that Grade II cavity insulation installation was acceptable if “continuous rigid insulation sheathing” was used. The use of the word “sheathing” was unnecessary and has been removed to avoid confusion.

9. **Refinement – Footnote 17: Improved word choice**

The phrase “only after all components of the system have been installed (e.g., air handler and register grilles)” has been deleted to avoid potential redundancy or misalignment with the guidance on duct testing contained in the HVAC System QI Rater Checklist.

Guam, Hawaii, and Puerto Rico Inspection Checklists

10. **Refinement – Cover Page: Improved reference to applicable sampling protocol**

Because these inspection checklists will never be used outside of Guam, Hawaii, and Puerto Rico, the phrase, “.. for homes located outside CA, and the CEC-approved sampling protocol for homes located in CA..” has been removed for improved clarity.

11. **Change - Regional guidelines for Guam**

The following modifications have been made so as to be applicable to Guam:

- The document title and all section titles that include “Hawaii and Puerto Rico” have been revised to read “Guam, Hawaii, and Puerto Rico”
- Item 1.1 of the Thermal Comfort System Rater Checklist for GU,HI, & PR has been revised to read:
“≤ 16,000 btu / h per 1,000 ft² of conditioned floor area for Puerto Rico and Guam”

12. **Refinement - First Page of Each Checklist: Addition of zip code field**

A field has been added to the top of the first page of each of the four checklists to record the home’s zip code, for Raters to use if they so desire.

13. **Change - Cover Page & Footnote 1: Removal of Indoor airPLUS Checklist as compliance option**

Because all ENERGY STAR certified homes must complete the Water Management System Builder Checklist regardless of the home’s participation in the Indoor airPLUS program, the phrase “(or Indoor airPLUS Verification Checklist)” has been removed from the cover page of the Inspection Checklists as has Footnote 1, which describes how to use an Indoor airPLUS Verification Checklist as an alternative to the Water Management System Builder Checklist.

ENERGY STAR HERS Index Target Procedure for Guam, Hawaii, and Puerto Rico

14. **Change - Regional guidelines for Guam**

The following modifications have been made so as to be applicable to Guam:

- The document title and all section titles that include “Hawaii and Puerto Rico” have been revised to read “Guam, Hawaii, and Puerto Rico”
- All references to “Puerto Rico” in Exhibit 2 has been revised to read “Puerto Rico / Guam”

Guam, Hawaii, and Puerto Rico ENERGY STAR Version 2.5 Guidelines

15. **Change - Regional guidelines for Guam**

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