

# Current ENERGY STAR Single-Family New Homes Policy Record

## How to Use This Document

EPA regularly receives partner questions and comments regarding various aspects of the program documents. This document is a record of the issues that have been received since the release of the last revision to the program documents. These issues are either pending resolution by EPA or have been resolved, sometimes resulting in modifications that will be incorporated into the next revision of the program documents. The primary purpose of this document is to allow all partners to have equal access to the latest policy issues and resolutions.

EPA intends to formally incorporate policy modifications into the next revision of the program documents. Those edits will then be enforced for homes permitted after a specified transition period, typically 60 days from the release of the revised program requirements. Partners may, at their discretion, use the determinations in this document immediately, in advance of the formal implementation dates. If they do so, they should be sure to document the permit dates of the affected homes and to include a copy of the policy record in the files retained by the Home Energy Rater. Should the need arise, this will allow partners to demonstrate that they acted with the best information available.

## Definitions

Each issue listed here is classified as a Change, Clarification, Refinement, Comment, or as an Issue Under Review. 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 from changes in relevant standards (e.g., ENERGY STAR labeled product requirements, NAECA standards, IECC 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.
- **Comment** – A comment provided by EPA in response to a question, which results in no change to the program documents. This may occur, for example, if the question can be answered by referring to already established policy. Aside from the partner asking the question, such comments will typically have no impact on the way that partners comply with the program.
- **Issue Under Review** – An issue that has been submitted and that EPA is still evaluating. Once EPA has evaluated the issue, it will offer a resolution and reclassify the issue using one of the four categories above.

## Current ENERGY STAR Single-Family New Homes Policy Record

ID	Log Date	Program Document	Classification	Topic
01099	09/15/2022	All National and Regional Program Requirements	Refinement	<b>Eligibility Requirements Section - Streamlined language for eligible homes</b>
				<b>Issue:</b> The “Eligibility Requirements” section identifies eligible homes in a short, bulleted list. To improve conciseness, these requirements could be expressed in a single sentence rather than a bulleted list.
				<b>Resolution:</b> To improve conciseness, the first sentence of the “Eligibility Requirements” section will be updated as follows: “Site-built or modular <sup>1</sup> Dwellings <sup>2</sup> (e.g., single-family homes and duplexes) and Townhouses <sup>3</sup> are eligible to earn the ENERGY STAR.”
01077	07/01/2021	All National and Regional Program Requirements (Rev. 11)	Comment	<b>Mandatory completion of EPA-approved training by Raters</b>
				<b>Issue:</b> Partners have asked whether all Raters in an Energy Rating Company are required to complete an EPA-approved ENERGY STAR training course. Further, partners have asked whether the training requirement applies to Rating Field Inspectors (RFIs) operating within RESNET’s certification program.
				<b>Resolution:</b> All individuals completing the third-party verification required for ENERGY STAR certification, including the inspection of any measures on the Rater Field Checklist, are required to successfully complete an EPA-recognized training course. This applies to both Certified Raters and Rating Field Inspectors (RFIs), the latter of which are recognized by RESNET as an equivalent designation. Only Certified Raters or RFIs who never verify ENERGY STAR measures are exempt from the training requirement.  This training policy is already specified in the Partnership, Training, and Credentialing Requirements section as well as Footnote 7 of the National Program Requirements and, therefore, no changes to the program documentation are required. For partners who have misunderstood the policy, EPA is providing a grace period through January 1, 2022. By this date, all individuals completing verification of ENERGY STAR measures shall have successfully completed an EPA-recognized training. See <a href="http://www.energystar.gov/newhomestraining">www.energystar.gov/newhomestraining</a> for a list of approved training providers.
01088	09/15/2022	All National & Regional Program Documents (Rev. 11)	Refinement	<b>Removing instances of “Standard” or “Std.” when referencing standards</b>
				<b>Issue:</b> The ENERGY STAR program generally, but not always, references standards by using the following syntax: [Certifying Body] [“Standard” or “Std.”] [Standard Number] (e.g., “ANSI / RESNET / ICC Std. 301”).

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>However, there are some exceptions. For example, in reference to ASHRAE Standard 62.2-2013, the program uses the syntax: [Certifying Body] [Standard Number] (i.e., “ASHRAE 62.2-2013”). This streamlined syntax is also used by RESNET, which develops many of the standards that the ENERGY STAR program references. For example, RESNET references the same standard mentioned in the first sentence as “ANSI / RESNET / ICC 301”.</p> <p><b>Resolution:</b> To improve conciseness and consistency, all instances of the phrase “Standard” or “Std.” will be removed from references to standards. For example, “ANSI / RESNET / ICC Standard 301” will be updated to “ANSI / RESNET / ICC 301”.</p>
01194	09/15/2022	All National and Regional Program Requirements (Rev. 11)	Refinement	<p><b>Reference to Version 3.2 added in program document names</b></p> <p><b>Issue:</b> Version 3.2 of the National Program Requirements has been released, which utilizes the same mandatory requirements (i.e., checklists and builder requirements) as earlier versions of the program. Therefore, the header of these documents containing the mandatory requirements need to be updated to include a reference to Version 3.2 of the program.</p> <p>In addition, all program documents that reference these documents containing the mandatory requirements also need to be updated.</p> <p><b>Resolution:</b> All documents containing the mandatory requirements for the national program (i.e., checklists and builder requirements), will be updated to include Version 3.2 in the header (e.g., National Rater Field Checklist, Version 3 / 3.1 / 3.2). In addition, all program documents that reference these documents containing the mandatory requirements will be updated to use the revised names.</p>
01113	09/15/2022	National Program Requirements (Version 3, Rev. 11)	Refinement	<p><b>Eligibility Requirements Section – Rephrasing for consistency</b></p> <p><b>Issue:</b> The phrasing of the eligibility requirements is inconsistent across program documents, potentially resulting in confusion.</p> <p><b>Resolution:</b> For improved consistency and clarity, the eligibility requirements will be rephrased as follows:</p> <p>“Site-built or modular Dwellings (e.g., single-family homes and duplexes) and Townhouses are eligible to <u>participate in</u> <del>earn</del> the ENERGY STAR <u>Single-Family New Homes (SFNH) program</u>.”</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>Dwelling Units in certain low-rise multifamily buildings are also eligible to <u>participate in</u><del>earn the</del> ENERGY STAR <u>SFNH</u> <del>through this</del> program if permitted prior to July 1, 2021. See Footnote 4 for details.”</p> <p>In addition, the last sentence in Footnote 3 will be rephrased as follows:</p> <p>“Townhouses are also eligible to <u>participate in</u> <del>earn the ENERGY STAR through</del> the ENERGY STAR Multifamily New Construction Program.”</p> <p>And the first sentence in Footnote 4 will be rephrased as follows:</p> <p>“If permitted prior to July 1, 2021, the following are also eligible to <u>participate in</u> <del>earn the ENERGY STAR through</del> the ENERGY STAR Single-Family New Homes program:”</p>
01143	09/15/2022	National Program Requirements (Version 3, Rev. 11)	Clarification	<b>Eligibility Requirements Section – Homes undergoing gut rehab eligible to participate</b>
				<p><b>Issue:</b> This program document does not clearly state that existing homes (e.g., homes undergoing a gut rehabilitation) are eligible to participate in the program. This intent has been conveyed through EPA’s website and in several alternative compliance options included in the Mandatory Requirements (e.g., National Water Management System Builder Requirements) but should be more clearly stated directly in the program requirements.</p>
				<p><b>Resolution:</b> The following sentence will be added to the Eligibility Requirements Section, and a new supplemental guidance document on this topic will be created and linked to via a new alias:</p> <p>“<u>While primarily intended for new construction, existing homes (e.g., undergoing a gut rehabilitation) are also eligible to participate in the ENERGY STAR Single-Family New Homes program, with guidance available at: <a href="http://www.energystar.gov/GutRehabGuidance">www.energystar.gov/GutRehabGuidance</a>.</u>”</p>
01101	09/15/2022	National Program Requirements (Version 3, Rev. 11)	Refinement	<b>Updated URL path to training requirements</b>
				<p><b>Issue:</b> The link “<a href="http://www.energystar.gov/newhomestraining">www.energystar.gov/newhomestraining</a>” in the “Partnership, Training, and Credentialing Requirements” section is coded to lead to the Energy Rating Companies webpage. However, the URL does not match the text of the link, which may cause confusion.</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p><b>Resolution:</b> The URL for the link "<a href="http://www.energystar.gov/newhomestraining">www.energystar.gov/newhomestraining</a>" in the "Partnership, Training, and Credentialing Requirements section will be updated so that it matches the text of the link.</p>
01155	09/15/2022	National Program Requirements (Version 3, Rev. 11)	Clarification	<p><b>Partnership, Training, and Credentialing Requirements Section – Energy Rating Companies must operate under a Home Certification Organization</b></p>
				<p><b>Issue:</b> While implied, the Partnership, Training, and Credentialing Requirements Section does not explicitly state that Energy Rating Companies must operate under a Home Certification Organization (HCO).</p>
				<p><b>Resolution:</b> To remove any ambiguity, this Section will be updated as follows:</p> <ul style="list-style-type: none"> <li>• "Energy Rating Companies (e.g., rater companies and Providers) are required to sign an ENERGY STAR Partnership Agreement, which can be found at <a href="http://www.energystar.gov/homesPA">www.energystar.gov/homesPA</a>, and <u>operate under a Home Certification Organization (HCO)</u>. Learn more and find a current list of HCOs at <a href="http://www.energystar.gov/hco">www.energystar.gov/hco</a>.</li> <li>• <u>[Line break added]</u> Raters are required to complete EPA-recognized training, which can be found at <a href="http://www.energystar.gov/newhomestraining">www.energystar.gov/newhomestraining</a>."</li> </ul>
01082	09/15/2022	National Program Requirements (Version 3, Rev. 11)	Clarification	<p><b>Step 4 – Raters must be operating under an HCO when completing verification step</b></p>
				<p><b>Issue:</b> In Step 4 of the ENERGY STAR Certification Process section, project teams are directed to follow the Home Certification Organization (HCO)'s certification and oversight procedures, but it is not explicitly stated that Raters must operate under HCO oversight for the entirety of the verification process.</p>
				<p><b>Resolution:</b> To clarify the intended requirement that Raters must operate under HCO oversight for the entirety of the verification process, the first sentence of Step 4 of the ENERGY STAR Certification Process will be revised as follows:</p> <p>"Using a Rater operating under an HCO, verify that all requirements have been met in accordance with the Mandatory Requirements for All Certified Homes and with the inspection procedures for minimum rated features in ANSI / RESNET / ICC 301, Appendix B..."</p>
01195	09/15/2022	National Program	Clarification	<p><b>ENERGY STAR Certification Process Section – Retention of documents for Track A</b></p>

## Current ENERGY STAR Single-Family New Homes Policy Record

		<b>Requirements (Version 3, Rev. 11)</b>		<p><b>Issue:</b> This Section currently states, in part, that the Rater is required to keep electronic or hard copies of the completed and signed National Rater checklists and the National HVAC Design Report.</p> <p>However, with the introduction of Track A into the program requirements, the National HVAC Design Report will not be completed for every certified project. For projects certified using Track A, an HVAC design report compliant with ANSI / RESNET / ACCA / ICC 310, and the ENERGY STAR National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, must be collected for records. Only projects certified using Track B must collect the National HVAC Design Report.</p> <p><b>Resolution:</b> To clarify which documents must be retained when using Track A and Track B, this Section will be updated as follows:</p> <p>“Finally, submit the home to the HCO for final certification and follow the HCO’s certification and oversight procedures (e.g., quality assurance, recordkeeping, and reporting). The Rater is required to keep electronic or hard copies of the completed and signed National Rater checklists and <u>either an HVAC design report compliant with ANSI / RESNET / ACCA / ICC 310, and the National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, for homes using Track A, or the National HVAC Design Report for homes using Track B.</u>”</p>
01180	09/15/2022	<b>National Program Requirements (Version 3, Rev. 11)</b>	<b>Clarification</b>	<b>Exhibit 1 – 2009 IECC Climate Zone designations to be used</b>
				<p><b>Issue:</b> For improved consistency and clarity, Footnote 13 will be revised to specify which IECC Climate Zone designations are used to configure the ENERGY STAR Reference Design home for this version of the program requirements.</p> <p><b>Resolution:</b> Footnote 13 will be revised as follows:</p> <p>“2009 IECC Climate Zone designations, as defined and illustrated in Section 301 of the code, are used to configure the ENERGY STAR Reference Design Home”.</p>
01121	09/15/2022	<b>National Program Requirements (Version 3, Rev. 11)</b>	<b>Refinement</b>	<b>Exhibit 2 – Addition of program name to mandatory requirements for clarity</b>
				<p><b>Issue:</b> This Exhibit contains the Mandatory Requirements that must be met for certification. Many of the document names referenced in this Exhibit (e.g., National Rater Field Checklist) are identical between the ENERGY STAR Single-Family New Homes (SFNH) program and ENERGY STAR Multifamily New Construction (MFNC) program, even though the requirements</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>within the documents are program specific. Therefore, without specifying the program name, Partners may be confused about which requirements apply.</p> <p><b>Resolution:</b> For improved clarity, the applicable program name will be added to the Exhibit as follows:</p> <ul style="list-style-type: none"> <li>• Completion of <u>SFNH</u> National Rater Design Review Checklist, Version 3 / 3.1</li> <li>• Completion of <u>SFNH</u> National Rater Field Checklist, Version 3 / 3.1</li> <li>• Completion of <u>SFNH</u> National Water Management System Builder Requirements, Version 3 / 3.1</li> <li>• Completion of an HVAC design report compliant with ANSI / RESNET / ACCA Std. 310, plus the <del>ENERGY STAR</del> <u>SFNH / MFNC National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, All Versions</u></li> <li>• Completion of <u>SFNH</u> National HVAC Design Report, Version 3 / 3.1</li> <li>• Completion of <u>SFNH</u> National HVAC Commissioning Checklist, Version 3 / 3.1</li> </ul>
01172	09/15/2022	National Program Requirements (Version 3, Rev. 11)	Refinement	<p><b>Allowed use of ANSI / RESNET / ACCA Std. 310</b></p> <p><b>Issue:</b> Footnote 14 states, in part, that ANSI / RESNET / ACCA / ICC 310 shall not be used until an implementation schedule has been defined by the HCO that the home is being certified under. This restriction was necessary at the time the footnote was added because ANSI / RESNET / ACCA / ICC 310 was still being finalized and was not yet incorporated by reference into ANSI / RESNET / ICC 301. In addition, the one HCO approved at that time had to put training, reporting, and other components in place before the standard could be effectively used and overseen.</p> <p>At this time, ANSI / RESNET / ACCA / ICC 310 has been finalized and incorporated by reference into ANSI / RESNET / ICC 301. In addition, the one HCO that was approved at the time has put in place the necessary oversight structures for the new standard and defined an implementation date. Going forward, all HCO's will support the standard.</p> <p><b>Resolution:</b> As a result of these developments, the language in this Footnote can be streamlined as follows:</p> <p>"Track A – HVAC Grading shall not be used until an implementation schedule has been defined for ANSI / RESNET / ACCA Std. 310 by the HCO that the home is being certified under. Track A – HVAC Grading shall then use ANSI / RESNET / ACCA Std. 310 including all Addenda and</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				Normative Appendices, with new versions and Addenda implemented according to the schedule defined by the HCO that the home is being certified under.”																																																					
01069	07/01/2021	National Program Requirements (Version 3, Rev. 11)	Change	<b>Exhibit 4 - Implementation of Version 3.1 in Georgia</b>																																																					
				<b>Issue:</b> Georgia has adopted a more efficient residential energy code. As a result, once the new codes are fully implemented, Version 3 of the National Program Requirements will no longer provide meaningful savings relative to code-compliant noncertified homes in this state.																																																					
				<b>Resolution:</b> To continue to provide meaningful savings relative to non-certified homes, a Version 3.1 implementation date has been defined for Georgia. To reflect this change, Exhibit 4 will be modified as follows:																																																					
				<table border="1"> <thead> <tr> <th>State / Territory</th> <th>Homes Permitted On or After This Date Must Meet the Adjacent Version &amp; Revision</th> <th>Version</th> <th>Revision</th> </tr> </thead> <tbody> <tr> <td rowspan="3">AL, AK, AZ, AR, CO, <del>GA</del>, IN, ID, KS, KY, LA, ME, MS, MO, NH, NM, NC, ND, OH, OK, SC, SD, TN, UT, VA, WV, WI, WY</td> <td>01-01-2019</td> <td>National v3</td> <td>Rev. 09</td> </tr> <tr> <td>10-01-2020</td> <td>National v3</td> <td>Rev. 10</td> </tr> <tr> <td>01-01-2022</td> <td>National v3</td> <td>Rev. 11</td> </tr> <tr> <td rowspan="4">PA</td> <td>01-01-2019</td> <td>National v3</td> <td>Rev. 09</td> </tr> <tr> <td>10-01-2020</td> <td>National v3</td> <td>Rev. 10</td> </tr> <tr> <td>04-01-2021</td> <td>National v3.1</td> <td>Rev. 10</td> </tr> <tr> <td>01-01-2022</td> <td>National v3.1</td> <td>Rev. 11</td> </tr> <tr> <td rowspan="4">NE</td> <td>01-01-2019</td> <td>National v3</td> <td>Rev. 09</td> </tr> <tr> <td>10-01-2020</td> <td>National v3</td> <td>Rev. 10</td> </tr> <tr> <td>07-01-2021</td> <td>National v3.1</td> <td>Rev. 10</td> </tr> <tr> <td>01-01-2022</td> <td>National v3.1</td> <td>Rev. 11</td> </tr> <tr> <td rowspan="4"><u>GA</u></td> <td><u>01-01-2019</u></td> <td><u>National v3</u></td> <td><u>Rev. 09</u></td> </tr> <tr> <td><u>10-01-2020</u></td> <td><u>National v3</u></td> <td><u>Rev. 10</u></td> </tr> <tr> <td><u>01-01-2022</u></td> <td><u>National v3</u></td> <td><u>Rev. 11</u></td> </tr> <tr> <td><u>07-01-2022</u></td> <td><u>National v3.1</u></td> <td><u>Rev. 11</u></td> </tr> </tbody> </table>	State / Territory	Homes Permitted On or After This Date Must Meet the Adjacent Version & Revision	Version	Revision	AL, AK, AZ, AR, CO, <del>GA</del> , IN, ID, KS, KY, LA, ME, MS, MO, NH, NM, NC, ND, OH, OK, SC, SD, TN, UT, VA, WV, WI, WY	01-01-2019	National v3	Rev. 09	10-01-2020	National v3	Rev. 10	01-01-2022	National v3	Rev. 11	PA	01-01-2019	National v3	Rev. 09	10-01-2020	National v3	Rev. 10	04-01-2021	National v3.1	Rev. 10	01-01-2022	National v3.1	Rev. 11	NE	01-01-2019	National v3	Rev. 09	10-01-2020	National v3	Rev. 10	07-01-2021	National v3.1	Rev. 10	01-01-2022	National v3.1	Rev. 11	<u>GA</u>	<u>01-01-2019</u>	<u>National v3</u>	<u>Rev. 09</u>	<u>10-01-2020</u>	<u>National v3</u>	<u>Rev. 10</u>	<u>01-01-2022</u>	<u>National v3</u>	<u>Rev. 11</u>	<u>07-01-2022</u>	<u>National v3.1</u>	<u>Rev. 11</u>
State / Territory	Homes Permitted On or After This Date Must Meet the Adjacent Version & Revision	Version	Revision																																																						
AL, AK, AZ, AR, CO, <del>GA</del> , IN, ID, KS, KY, LA, ME, MS, MO, NH, NM, NC, ND, OH, OK, SC, SD, TN, UT, VA, WV, WI, WY	01-01-2019	National v3	Rev. 09																																																						
	10-01-2020	National v3	Rev. 10																																																						
	01-01-2022	National v3	Rev. 11																																																						
PA	01-01-2019	National v3	Rev. 09																																																						
	10-01-2020	National v3	Rev. 10																																																						
	04-01-2021	National v3.1	Rev. 10																																																						
	01-01-2022	National v3.1	Rev. 11																																																						
NE	01-01-2019	National v3	Rev. 09																																																						
	10-01-2020	National v3	Rev. 10																																																						
	07-01-2021	National v3.1	Rev. 10																																																						
	01-01-2022	National v3.1	Rev. 11																																																						
<u>GA</u>	<u>01-01-2019</u>	<u>National v3</u>	<u>Rev. 09</u>																																																						
	<u>10-01-2020</u>	<u>National v3</u>	<u>Rev. 10</u>																																																						
	<u>01-01-2022</u>	<u>National v3</u>	<u>Rev. 11</u>																																																						
	<u>07-01-2022</u>	<u>National v3.1</u>	<u>Rev. 11</u>																																																						
01071	07/01/2021	National Program	Change	<b>Exhibit 4 - Implementation of Version 3.1 in New Mexico</b>																																																					



## Current ENERGY STAR Single-Family New Homes Policy Record

		<b>Requirements (Version 3, Rev. 11)</b>		<p><b>Issue:</b> New Mexico has adopted a more efficient residential energy code. As a result, once the new codes are fully implemented, Version 3 of the National Program Requirements will no longer provide meaningful savings relative to code-compliant noncertified homes in this state.</p> <p><b>Resolution:</b> To continue to provide meaningful savings relative to non-certified homes, a Version 3.1 implementation date has been defined for New Mexico. To reflect this change, Exhibit 4 will be modified as follows:</p> <table border="1" data-bbox="892 443 1919 1421"> <thead> <tr> <th data-bbox="892 443 1262 597">State / Territory</th> <th data-bbox="1262 443 1575 597">Homes Permitted On or After This Date Must Meet the Adjacent Version &amp; Revision</th> <th data-bbox="1575 443 1759 597">Version</th> <th data-bbox="1759 443 1919 597">Revision</th> </tr> </thead> <tbody> <tr> <td data-bbox="892 597 1262 773" rowspan="3">AL, AK, AZ, AR, CO, GA, IN, ID, KS, KY, LA, ME, MS, MO, NH, <del>NM</del>, NC, ND, OH, OK, SC, SD, TN, UT, VA, WV, WI, WY</td> <td data-bbox="1262 597 1575 646">01-01-2019</td> <td data-bbox="1575 597 1759 646">National v3</td> <td data-bbox="1759 597 1919 646">Rev. 09</td> </tr> <tr> <td data-bbox="1262 646 1575 711">10-01-2020</td> <td data-bbox="1575 646 1759 711">National v3</td> <td data-bbox="1759 646 1919 711">Rev. 10</td> </tr> <tr> <td data-bbox="1262 711 1575 773">01-01-2022</td> <td data-bbox="1575 711 1759 773">National v3</td> <td data-bbox="1759 711 1919 773">Rev. 11</td> </tr> <tr> <td data-bbox="892 773 1262 1008" rowspan="4">PA</td> <td data-bbox="1262 773 1575 821">01-01-2019</td> <td data-bbox="1575 773 1759 821">National v3</td> <td data-bbox="1759 773 1919 821">Rev. 09</td> </tr> <tr> <td data-bbox="1262 821 1575 886">10-01-2020</td> <td data-bbox="1575 821 1759 886">National v3</td> <td data-bbox="1759 821 1919 886">Rev. 10</td> </tr> <tr> <td data-bbox="1262 886 1575 951">04-01-2021</td> <td data-bbox="1575 886 1759 951">National v3.1</td> <td data-bbox="1759 886 1919 951">Rev. 10</td> </tr> <tr> <td data-bbox="1262 951 1575 1008">01-01-2022</td> <td data-bbox="1575 951 1759 1008">National v3.1</td> <td data-bbox="1759 951 1919 1008">Rev. 11</td> </tr> <tr> <td data-bbox="892 1008 1262 1243" rowspan="4">NE</td> <td data-bbox="1262 1008 1575 1057">01-01-2019</td> <td data-bbox="1575 1008 1759 1057">National v3</td> <td data-bbox="1759 1008 1919 1057">Rev. 09</td> </tr> <tr> <td data-bbox="1262 1057 1575 1122">10-01-2020</td> <td data-bbox="1575 1057 1759 1122">National v3</td> <td data-bbox="1759 1057 1919 1122">Rev. 10</td> </tr> <tr> <td data-bbox="1262 1122 1575 1187">07-01-2021</td> <td data-bbox="1575 1122 1759 1187">National v3.1</td> <td data-bbox="1759 1122 1919 1187">Rev. 10</td> </tr> <tr> <td data-bbox="1262 1187 1575 1243">01-01-2022</td> <td data-bbox="1575 1187 1759 1243">National v3.1</td> <td data-bbox="1759 1187 1919 1243">Rev. 11</td> </tr> <tr> <td data-bbox="892 1243 1262 1421" rowspan="3"><u>NM</u></td> <td data-bbox="1262 1243 1575 1292"><u>01-01-2019</u></td> <td data-bbox="1575 1243 1759 1292"><u>National v3</u></td> <td data-bbox="1759 1243 1919 1292"><u>Rev. 09</u></td> </tr> <tr> <td data-bbox="1262 1292 1575 1357"><u>10-01-2020</u></td> <td data-bbox="1575 1292 1759 1357"><u>National v3</u></td> <td data-bbox="1759 1292 1919 1357"><u>Rev. 10</u></td> </tr> <tr> <td data-bbox="1262 1357 1575 1421"><u>01-01-2022</u></td> <td data-bbox="1575 1357 1759 1421"><u>National v3</u></td> <td data-bbox="1759 1357 1919 1421"><u>Rev. 11</u></td> </tr> </tbody> </table>	State / Territory	Homes Permitted On or After This Date Must Meet the Adjacent Version & Revision	Version	Revision	AL, AK, AZ, AR, CO, GA, IN, ID, KS, KY, LA, ME, MS, MO, NH, <del>NM</del> , NC, ND, OH, OK, SC, SD, TN, UT, VA, WV, WI, WY	01-01-2019	National v3	Rev. 09	10-01-2020	National v3	Rev. 10	01-01-2022	National v3	Rev. 11	PA	01-01-2019	National v3	Rev. 09	10-01-2020	National v3	Rev. 10	04-01-2021	National v3.1	Rev. 10	01-01-2022	National v3.1	Rev. 11	NE	01-01-2019	National v3	Rev. 09	10-01-2020	National v3	Rev. 10	07-01-2021	National v3.1	Rev. 10	01-01-2022	National v3.1	Rev. 11	<u>NM</u>	<u>01-01-2019</u>	<u>National v3</u>	<u>Rev. 09</u>	<u>10-01-2020</u>	<u>National v3</u>	<u>Rev. 10</u>	<u>01-01-2022</u>	<u>National v3</u>	<u>Rev. 11</u>
State / Territory	Homes Permitted On or After This Date Must Meet the Adjacent Version & Revision	Version	Revision																																																			
AL, AK, AZ, AR, CO, GA, IN, ID, KS, KY, LA, ME, MS, MO, NH, <del>NM</del> , NC, ND, OH, OK, SC, SD, TN, UT, VA, WV, WI, WY	01-01-2019	National v3	Rev. 09																																																			
	10-01-2020	National v3	Rev. 10																																																			
	01-01-2022	National v3	Rev. 11																																																			
PA	01-01-2019	National v3	Rev. 09																																																			
	10-01-2020	National v3	Rev. 10																																																			
	04-01-2021	National v3.1	Rev. 10																																																			
	01-01-2022	National v3.1	Rev. 11																																																			
NE	01-01-2019	National v3	Rev. 09																																																			
	10-01-2020	National v3	Rev. 10																																																			
	07-01-2021	National v3.1	Rev. 10																																																			
	01-01-2022	National v3.1	Rev. 11																																																			
<u>NM</u>	<u>01-01-2019</u>	<u>National v3</u>	<u>Rev. 09</u>																																																			
	<u>10-01-2020</u>	<u>National v3</u>	<u>Rev. 10</u>																																																			
	<u>01-01-2022</u>	<u>National v3</u>	<u>Rev. 11</u>																																																			

## Current ENERGY STAR Single-Family New Homes Policy Record

					<u>07-01-2022</u>	<u>National v3.1</u>	<u>Rev. 11</u>																																																	
01075	07/01/2021	National Program Requirements (Version 3, Rev. 11)	Change	<b>Exhibit 4 - Implementation of Version 3.1 in Utah</b>																																																				
				<b>Issue:</b> Utah has adopted a more efficient residential energy code. As a result, once the new codes are fully implemented, Version 3 of the National Program Requirements will no longer provide meaningful savings relative to code-compliant noncertified homes in this state.																																																				
				<b>Resolution:</b> To continue to provide meaningful savings relative to non-certified homes, a Version 3.1 implementation date has been defined for Utah. To reflect this change, Exhibit 4 will be modified as follows:																																																				
				<table border="1"> <thead> <tr> <th>State / Territory</th> <th>Homes Permitted On or After This Date Must Meet the Adjacent Version &amp; Revision</th> <th>Version</th> <th>Revision</th> </tr> </thead> <tbody> <tr> <td rowspan="3">AL, AK, AZ, AR, CO, GA, IN, ID, KS, KY, LA, ME, MS, MO, NH, NM, NC, ND, OH, OK, SC, SD, TN, <del>UT</del>, VA, WV, WI, WY</td> <td>01-01-2019</td> <td>National v3</td> <td>Rev. 09</td> </tr> <tr> <td>10-01-2020</td> <td>National v3</td> <td>Rev. 10</td> </tr> <tr> <td>01-01-2022</td> <td>National v3</td> <td>Rev. 11</td> </tr> <tr> <td rowspan="4">PA</td> <td>01-01-2019</td> <td>National v3</td> <td>Rev. 09</td> </tr> <tr> <td>10-01-2020</td> <td>National v3</td> <td>Rev. 10</td> </tr> <tr> <td>04-01-2021</td> <td>National v3.1</td> <td>Rev. 10</td> </tr> <tr> <td>01-01-2022</td> <td>National v3.1</td> <td>Rev. 11</td> </tr> <tr> <td rowspan="4">NE</td> <td>01-01-2019</td> <td>National v3</td> <td>Rev. 09</td> </tr> <tr> <td>10-01-2020</td> <td>National v3</td> <td>Rev. 10</td> </tr> <tr> <td>07-01-2021</td> <td>National v3.1</td> <td>Rev. 10</td> </tr> <tr> <td>01-01-2022</td> <td>National v3.1</td> <td>Rev. 11</td> </tr> <tr> <td rowspan="4"><u>UT</u></td> <td><u>01-01-2019</u></td> <td><u>National v3</u></td> <td><u>Rev. 09</u></td> </tr> <tr> <td><u>10-01-2020</u></td> <td><u>National v3</u></td> <td><u>Rev. 10</u></td> </tr> <tr> <td><u>01-01-2022</u></td> <td><u>National v3</u></td> <td><u>Rev. 11</u></td> </tr> <tr> <td><u>07-01-2022</u></td> <td><u>National v3.1</u></td> <td><u>Rev. 11</u></td> </tr> </tbody> </table>				State / Territory	Homes Permitted On or After This Date Must Meet the Adjacent Version & Revision	Version	Revision	AL, AK, AZ, AR, CO, GA, IN, ID, KS, KY, LA, ME, MS, MO, NH, NM, NC, ND, OH, OK, SC, SD, TN, <del>UT</del> , VA, WV, WI, WY	01-01-2019	National v3	Rev. 09	10-01-2020	National v3	Rev. 10	01-01-2022	National v3	Rev. 11	PA	01-01-2019	National v3	Rev. 09	10-01-2020	National v3	Rev. 10	04-01-2021	National v3.1	Rev. 10	01-01-2022	National v3.1	Rev. 11	NE	01-01-2019	National v3	Rev. 09	10-01-2020	National v3	Rev. 10	07-01-2021	National v3.1	Rev. 10	01-01-2022	National v3.1	Rev. 11	<u>UT</u>	<u>01-01-2019</u>	<u>National v3</u>	<u>Rev. 09</u>	<u>10-01-2020</u>	<u>National v3</u>	<u>Rev. 10</u>	<u>01-01-2022</u>	<u>National v3</u>
State / Territory	Homes Permitted On or After This Date Must Meet the Adjacent Version & Revision	Version	Revision																																																					
AL, AK, AZ, AR, CO, GA, IN, ID, KS, KY, LA, ME, MS, MO, NH, NM, NC, ND, OH, OK, SC, SD, TN, <del>UT</del> , VA, WV, WI, WY	01-01-2019	National v3	Rev. 09																																																					
	10-01-2020	National v3	Rev. 10																																																					
	01-01-2022	National v3	Rev. 11																																																					
PA	01-01-2019	National v3	Rev. 09																																																					
	10-01-2020	National v3	Rev. 10																																																					
	04-01-2021	National v3.1	Rev. 10																																																					
	01-01-2022	National v3.1	Rev. 11																																																					
NE	01-01-2019	National v3	Rev. 09																																																					
	10-01-2020	National v3	Rev. 10																																																					
	07-01-2021	National v3.1	Rev. 10																																																					
	01-01-2022	National v3.1	Rev. 11																																																					
<u>UT</u>	<u>01-01-2019</u>	<u>National v3</u>	<u>Rev. 09</u>																																																					
	<u>10-01-2020</u>	<u>National v3</u>	<u>Rev. 10</u>																																																					
	<u>01-01-2022</u>	<u>National v3</u>	<u>Rev. 11</u>																																																					
	<u>07-01-2022</u>	<u>National v3.1</u>	<u>Rev. 11</u>																																																					
01067	07/01/2021	National Program	Comment	<b>Continued implementation of Version 3 in Idaho</b>																																																				

## Current ENERGY STAR Single-Family New Homes Policy Record

		<b>Requirements (Version 3, Rev. 11)</b>		<p><b>Issue:</b> Partners have questioned whether a Version 3.1 implementation date will be defined in response to the latest version of Idaho’s residential building energy code. This code, with an enforcement date of 1/1/2021, incorporates the 2018 IECC with substantive amendments.</p> <p><b>Resolution:</b> The new code was determined to be less stringent than the 2018 IECC, and Version 3 was determined to offer meaningful savings over the new code. Because Version 3 continues to offer meaningful savings over Idaho’s new residential building energy code, it will continue to be implemented. A new version will not be implemented in Idaho until another state-level code update occurs or until EPA defines a new nationwide Version.</p>												
<b>01074</b>	<b>07/01/2021</b>	<b>National Program Requirements (Version 3, Rev. 11)</b>	<b>Comment</b>	<p><b>Continued implementation of Version 3 in Tennessee</b></p> <p><b>Issue:</b> Partners have questioned whether Version 3.1 of the program requirements will be implemented in response to the latest version of Tennessee’s residential building energy code. This code, with an effective date of 07/16/2020, incorporates the 2018 IECC with amendments.</p> <p><b>Resolution:</b> The new code was determined to be less stringent than the 2018 IECC, and an analysis determined that Version 3 offers meaningful savings over the new code. Because Version 3 continues to offer meaningful savings over Tennessee’s new residential building energy code, it will continue to be implemented. Version 3.1 will not be implemented in Tennessee until another state-level code update occurs or until EPA defines a new nationwide Version.</p>												
<b>01079</b>	<b>09/15/2022</b>	<b>National Program Requirements (Version 3, Rev. 11)</b>	<b>Change</b>	<p><b>Exhibit 4 - Implementation of Version 3.1 in Maine</b></p> <p><b>Issue:</b> Maine has recently adopted a more efficient residential energy code. As a result, once the new codes are fully implemented, Version 3 of the National Program Requirements will no longer provide meaningful savings relative to code-compliant noncertified homes in this state.</p> <p><b>Resolution:</b> To continue to provide meaningful savings relative to non-certified homes in states that have adopted more rigorous codes, a Version 3.1 implementation date has been defined for Maine. To reflect this change, Exhibit 4 will be modified as follows:</p> <table border="1" data-bbox="892 1144 1921 1412"> <thead> <tr> <th><b>State / Territory</b></th> <th><b>Homes Permitted On or After This Date Must Meet the Adjacent Version &amp; Revision</b></th> <th><b>Version</b></th> <th><b>Revision</b></th> </tr> </thead> <tbody> <tr> <td>AL, AK, AZ, AR, CO, GA, IN, ID, KS, KY, LA, ME, MS, MO,</td> <td>01-01-2019</td> <td>National v3</td> <td>Rev. 09</td> </tr> <tr> <td></td> <td>10-01-2020</td> <td>National v3</td> <td>Rev. 10</td> </tr> </tbody> </table>	<b>State / Territory</b>	<b>Homes Permitted On or After This Date Must Meet the Adjacent Version &amp; Revision</b>	<b>Version</b>	<b>Revision</b>	AL, AK, AZ, AR, CO, GA, IN, ID, KS, KY, LA, ME, MS, MO,	01-01-2019	National v3	Rev. 09		10-01-2020	National v3	Rev. 10
<b>State / Territory</b>	<b>Homes Permitted On or After This Date Must Meet the Adjacent Version &amp; Revision</b>	<b>Version</b>	<b>Revision</b>													
AL, AK, AZ, AR, CO, GA, IN, ID, KS, KY, LA, ME, MS, MO,	01-01-2019	National v3	Rev. 09													
	10-01-2020	National v3	Rev. 10													

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>NH, NM, NC, ND, OH, OK, SC, SD, TN, UT, VA, WV, WI, WY</p> <p>01-01-2022</p> <p>National v3 Rev. 11</p>
				<p>PA</p> <p>01-01-2019</p> <p>National v3 Rev. 09</p> <p>10-01-2020</p> <p>National v3 Rev. 10</p> <p>04-01-2021</p> <p>National v3.1 Rev. 10</p> <p>01-01-2022</p> <p>National v3.1 Rev. 11</p>
				<p>NE</p> <p>01-01-2019</p> <p>National v3 Rev. 09</p> <p>10-01-2020</p> <p>National v3 Rev. 10</p> <p>07-01-2021</p> <p>National v3.1 Rev. 10</p> <p>01-01-2022</p> <p>National v3.1 Rev. 11</p>
				<p><u>ME</u></p> <p><u>01-01-2019</u></p> <p><u>National v3</u> <u>Rev. 09</u></p> <p><u>10-01-2020</u></p> <p><u>National v3</u> <u>Rev. 10</u></p> <p><u>01-01-2022</u></p> <p><u>National v3</u> <u>Rev. 11</u></p> <p><u>10-01-2022</u></p> <p><u>National v3.1</u> <u>Rev. 11</u></p>
<b>01193</b>	<b>09/15/2022</b>	<b>National Program Requirements (Version 3, Rev. 11)</b>	<b>Change</b>	<p><b>Exhibit 4 – National Transition to v3.1</b></p> <p><b>Issue:</b> EPA proposed transitioning all states with ENERGY STAR Single-Family New Homes (SFNH) Version 3.0 still in effect to Version 3.1 due to the high percentage of homes already meeting or approaching the required Version 3.1 efficiency levels, the ability to increase program impacts, and to help ensure that ENERGY STAR maintains a performance premium even in “home rule” states.</p> <p>It held a comment period on this issue from October 18, 2021 to November 15, 2021 and a majority of stakeholders expressed support for the national transition to v3.1.</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>As a result, EPA announced that the proposed implementation of Version 3.1 will go into effect for homes permitted on or after January 1, 2023.</p> <p><b>Resolution:</b> To reflect that in states where Version 3.0 of the ENERGY STAR Single-Family New Homes National Program Requirements is still in effect, homes permitted on or after January 1, 2023 will be required to meet Version 3.1, Exhibit 4 will be modified as follows:</p> <table border="1"> <thead> <tr> <th>State / Territory</th> <th>Homes Permitted<sup>15</sup> On or After This Date Must Meet the Adjacent Version &amp; Revision</th> <th>Version</th> <th>Revision<sup>16</sup></th> </tr> </thead> <tbody> <tr> <td rowspan="4">AL, AK, AZ, AR, CO, GA, IN, ID, KS, KY, LA, ME, MS, MO, NH, NM, NC, ND, OH, OK, SC, SD, TN, UT, VA, WV, WI, WY</td> <td>01-01-2019</td> <td>National v3</td> <td>Rev. 09</td> </tr> <tr> <td>10-01-2020</td> <td>National v3</td> <td>Rev. 10</td> </tr> <tr> <td>01-01-2022</td> <td>National v3</td> <td>Rev. 11</td> </tr> <tr> <td>01-01-2023</td> <td>National v3.1</td> <td>Rev. 11</td> </tr> <tr> <td rowspan="4">PA</td> <td>01-01-2019</td> <td>National v3</td> <td>Rev. 09</td> </tr> <tr> <td>10-01-2020</td> <td>National v3</td> <td>Rev. 10</td> </tr> <tr> <td>04-01-2021</td> <td>National v3.1</td> <td>Rev. 10</td> </tr> <tr> <td>01-01-2022</td> <td>National v3.1</td> <td>Rev. 11</td> </tr> <tr> <td rowspan="4">NE</td> <td>01-01-2019</td> <td>National v3</td> <td>Rev. 09</td> </tr> <tr> <td>10-01-2020</td> <td>National v3</td> <td>Rev. 10</td> </tr> <tr> <td>07-01-2021</td> <td>National v3.1</td> <td>Rev. 10</td> </tr> <tr> <td>01-01-2022</td> <td>National v3.1</td> <td>Rev. 11</td> </tr> </tbody> </table>	State / Territory	Homes Permitted <sup>15</sup> On or After This Date Must Meet the Adjacent Version & Revision	Version	Revision <sup>16</sup>	AL, AK, AZ, AR, CO, GA, IN, ID, KS, KY, LA, ME, MS, MO, NH, NM, NC, ND, OH, OK, SC, SD, TN, UT, VA, WV, WI, WY	01-01-2019	National v3	Rev. 09	10-01-2020	National v3	Rev. 10	01-01-2022	National v3	Rev. 11	01-01-2023	National v3.1	Rev. 11	PA	01-01-2019	National v3	Rev. 09	10-01-2020	National v3	Rev. 10	04-01-2021	National v3.1	Rev. 10	01-01-2022	National v3.1	Rev. 11	NE	01-01-2019	National v3	Rev. 09	10-01-2020	National v3	Rev. 10	07-01-2021	National v3.1	Rev. 10	01-01-2022	National v3.1	Rev. 11
State / Territory	Homes Permitted <sup>15</sup> On or After This Date Must Meet the Adjacent Version & Revision	Version	Revision <sup>16</sup>																																												
AL, AK, AZ, AR, CO, GA, IN, ID, KS, KY, LA, ME, MS, MO, NH, NM, NC, ND, OH, OK, SC, SD, TN, UT, VA, WV, WI, WY	01-01-2019	National v3	Rev. 09																																												
	10-01-2020	National v3	Rev. 10																																												
	01-01-2022	National v3	Rev. 11																																												
	01-01-2023	National v3.1	Rev. 11																																												
PA	01-01-2019	National v3	Rev. 09																																												
	10-01-2020	National v3	Rev. 10																																												
	04-01-2021	National v3.1	Rev. 10																																												
	01-01-2022	National v3.1	Rev. 11																																												
NE	01-01-2019	National v3	Rev. 09																																												
	10-01-2020	National v3	Rev. 10																																												
	07-01-2021	National v3.1	Rev. 10																																												
	01-01-2022	National v3.1	Rev. 11																																												
01130	09/15/2022	National Program Requirements (Version 3, Rev. 11)	Refinement	<p><b>Effective Date section – revise implementation timeline language</b></p> <p><b>Issue:</b> Currently, the first paragraph of this section references rationale for implementing other Versions of the ENERGY STAR Single Family New Homes Program which would not be accurate after the national transition to Version 3.1. Additionally, it may improve consistency to use the language in this section in the regional program requirements documents, which are more generic and do not provide rationale for implementing other Versions.</p> <p><b>Resolution:</b> In order to improve consistency and accuracy, the first paragraph of this section will be revised to align with the implementation timeline language of the regional program requirements documents as follows:</p>																																											

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>“To determine the program Version and Revision that a home is required to be certified under, look up the location and permit date of the home in Exhibit 4. Program requirements for other locations can be found at <a href="http://www.energystar.gov/newhomesrequirements">www.energystar.gov/newhomesrequirements</a>.”</p>
01114	09/15/2022	National Program Requirements (Version 3.1, Rev. 11)	Refinement	<p><b>Eligibility Requirements Section – Rephrasing for consistency</b></p>
				<p><b>Issue:</b> The phrasing of the eligibility requirements is inconsistent across program documents, potentially resulting in confusion.</p> <p><b>Resolution:</b> For improved consistency and clarity, the eligibility requirements will be rephrased as follows:</p> <p>“Site-built or modular Dwellings (e.g., single-family homes and duplexes) and Townhouses are eligible to <u>participate in</u> <del>earn</del> the ENERGY STAR Single-Family New Homes (SFNH) program.</p> <p>Dwelling Units in certain low-rise multifamily buildings are also eligible to <u>participate in</u> <del>earn</del> the ENERGY STAR <u>SFNH</u> <del>through the</del> program if permitted prior to July 1, 2021. See Footnote 4 for details.”</p> <p>In addition, the last sentence in Footnote 3 will be rephrased as follows:</p> <p>“Townhouses are also eligible to <u>participate in</u> <del>earn the ENERGY STAR through</del> the ENERGY STAR Multifamily New Construction Program.”</p> <p>And the first sentence in Footnote 4 will be rephrased as follows:</p> <p>“If permitted prior to July 1, 2021, the following are also eligible to <u>participate in</u> <del>earn the ENERGY STAR through</del> the ENERGY STAR Single-Family New Homes program.”</p>
01144	09/15/2022	National Program Requirements (Version 3.1, Rev. 11)	Clarification	<p><b>Eligibility Requirements Section – Homes undergoing gut rehab eligible to participate</b></p>
				<p><b>Issue:</b> This program document does not clearly state that existing homes (e.g., homes undergoing a gut rehabilitation) are eligible to participate in the program. This intent has been conveyed through EPA’s website and in several alternative compliance options included in the Mandatory Requirements (e.g., National Water Management System Builder Requirements) but should be more clearly stated directly in the program requirements.</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p><b>Resolution:</b> The following sentence will be added to the Eligibility Requirements Section, and a new supplemental guidance document on this topic will be created and linked to via a new alias:</p> <p><u>“While primarily intended for new construction, existing homes (e.g., undergoing a gut rehabilitation) are also eligible to participate in the ENERGY STAR Single-Family New Homes program, with guidance available at: <a href="http://www.energystar.gov/GutRehabGuidance">www.energystar.gov/GutRehabGuidance</a>.”</u></p>
01156	09/15/2022	National Program Requirements (Version 3.1, Rev. 11)	Clarification	<p><b>Partnership, Training, and Credentialing Requirements Section – Energy Rating Companies must operate under a Home Certification Organization</b></p>
				<p><b>Issue:</b> While implied, the Partnership, Training, and Credentialing Requirements Section does not explicitly state that Energy Rating Companies must operate under a Home Certification Organization (HCO).</p>
				<p><b>Resolution:</b> To remove any ambiguity, this Section will be updated as follows:</p> <ul style="list-style-type: none"> <li>“Energy Rating Companies (e.g., rater companies and Providers) are required to sign an ENERGY STAR Partnership Agreement, which can be found at <a href="http://www.energystar.gov/homesPA">www.energystar.gov/homesPA</a>, and <u>operate under a Home Certification Organization (HCO)</u>. Learn more and find a current list of HCOs at <a href="http://www.energystar.gov/hco">www.energystar.gov/hco</a>.</li> </ul> <p>[Line break added] Raters are required to complete EPA-recognized training, which can be found at <a href="http://www.energystar.gov/newhomestraining">www.energystar.gov/newhomestraining</a>.”</p>
01083	09/15/2022	National Program Requirements (Version 3.1, Rev. 11)	Clarification	<p><b>Step 4 – Raters must be operating under an HCO when completing verification step</b></p>
				<p><b>Issue:</b> In Step 4 of the ENERGY STAR Certification Process section, project teams are directed to follow the Home Certification Organization (HCO)’s certification and oversight procedures, but it is not explicitly stated that Raters must operate under HCO oversight for the entirety of the verification process.</p>
				<p><b>Resolution:</b> To clarify the intended requirement that Raters must operate under HCO oversight for the entirety of the verification process, the first sentence of Step 4 of the ENERGY STAR Certification Process will be revised as follows:</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>“Using a Rater operating under an HCO, verify that all requirements have been met in accordance with the Mandatory Requirements for All Certified Homes and with the inspection procedures for minimum rated features in ANSI / RESNET / ICC 301, Appendix B...”</p>
01196	09/15/2022	National Program Requirements (Version 3.1, Rev. 11)	Clarification	<p><b>ENERGY STAR Certification Process Section – Retention of documents for Track A</b></p>
				<p><b>Issue:</b> This Section currently states, in part, that the Rater is required to keep electronic or hard copies of the completed and signed National Rater checklists and the National HVAC Design Report.</p> <p>However, with the introduction of Track A into the program requirements, the National HVAC Design Report will not be completed for every certified project. For projects certified using Track A, an HVAC design report compliant with ANSI / RESNET / ACCA / ICC 310, and the ENERGY STAR National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, must be collected for records. Only projects certified using Track B must collect the National HVAC Design Report.</p>
				<p><b>Resolution:</b> To clarify which documents must be retained when using Track A and Track B, this Section will be updated as follows:</p> <p>“Finally, submit the home to the HCO for final certification and follow the HCO’s certification and oversight procedures (e.g., quality assurance, recordkeeping, and reporting). The Rater is required to keep electronic or hard copies of the completed and signed National Rater checklists and <u>either an HVAC design report compliant with ANSI / RESNET / ACCA / ICC 310, and the National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, for homes using Track A, or the National HVAC Design Report for homes using Track B.</u>”</p>
01181	09/15/2022	National Program Requirements (Version 3.1, Rev. 11)	Clarification	<p><b>Exhibit 1 – 2012 IECC Climate Zone designations to be used</b></p>
				<p><b>Issue:</b> For improved consistency and clarity, the Exhibit header and Footnote 12 will be revised to specify which IECC Climate Zone designations are used to configure the ENERGY STAR Reference Design home for this version of the program requirements.</p>
				<p><b>Resolution:</b> The header of the Exhibit will be revised as follows:</p>



## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>“Hot Climates (2012 IECC Zones 1,2,3)” and “Mixed and Cold Climates (2012 IECC Zones 4,5,6,7,8)”</p> <p>Footnote 12 will be revised as follows:</p> <p>“2012 IECC Climate Zone designations, as defined and illustrated in Section R301 of the code, are used to configure the ENERGY STAR Reference Design Home”.</p>
01122	09/15/2022	National Program Requirements (Version 3.1, Rev. 11)	Refinement	<p><b>Exhibit 2 – Addition of program name to mandatory requirements for clarity</b></p>
				<p><b>Issue:</b> This Exhibit contains the Mandatory Requirements that must be met for certification. Many of the document names referenced in this Exhibit (e.g., National Rater Field Checklist) are identical between the ENERGY STAR Single-Family New Homes (SFNH) program and ENERGY STAR Multifamily New Construction (MFNC) program, even though the requirements within the documents are program specific. Therefore, without specifying the program name, Partners may be confused about which requirements apply.</p> <p><b>Resolution:</b> For improved clarity, the applicable program name will be added to the Exhibit as follows:</p> <ul style="list-style-type: none"> <li>• Completion of <u>SFNH</u> National Rater Design Review Checklist, Version 3 / 3.1</li> <li>• Completion of <u>SFNH</u> National Rater Field Checklist, Version 3 / 3.1</li> <li>• Completion of <u>SFNH</u> National Water Management System Builder Requirements, Version 3 / 3.1</li> <li>• Completion of an HVAC design report compliant with ANSI / RESNET / ACCA Std. 310, plus the <u>ENERGY STAR SFNH / MFNC National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, All Versions</u></li> <li>• Completion of <u>SFNH</u> National HVAC Design Report, Version 3 / 3.1</li> <li>• Completion of <u>SFNH</u> National HVAC Commissioning Checklist, Version 3 / 3.1</li> </ul>
01173	09/15/2022	National Program Requirements (Version 3.1, Rev. 11)	Refinement	<p><b>Allowed use of ANSI / RESNET / ACCA Std. 310</b></p>
				<p><b>Issue:</b> Footnote 13 states, in part, that ANSI / RESNET / ACCA / ICC 310 shall not be used until an implementation schedule has been defined by the HCO that the home is being certified under. This restriction was necessary at the time the footnote was added because ANSI / RESNET / ACCA / ICC 310 was still being finalized and was not yet incorporated by reference</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>into ANSI / RESNET / ICC 301. In addition, the one HCO approved at that time had to put training, reporting, and other components in place before the standard could be effectively used and overseen.</p> <p>At this time, ANSI / RESNET / ACCA / ICC 310 has been finalized and incorporated by reference into ANSI / RESNET / ICC 301. In addition, the one HCO that was approved at the time has put in place the necessary oversight structures for the new standard and defined an implementation date. Going forward, all HCO's will support the standard.</p> <p><b>Resolution:</b> As a result of these developments, the language in this Footnote can be streamlined as follows:</p> <p>“Track A – HVAC Grading shall not be used until an implementation schedule has been defined for ANSI / RESNET / ACCA Std. 310 by the HCO that the home is being certified under. Track A – HVAC Grading shall then use ANSI / RESNET / ACCA Std. 310 including all Addenda and Normative Appendices, with new versions and Addenda implemented according to the schedule defined by the HCO that the home is being certified under.”</p>																								
01070	07/01/2021	National Program Requirements (Version 3.1, Rev. 11)	Change	<p><b>Exhibit 3 - Implementation of Version 3.1 in Georgia</b></p> <p><b>Issue:</b> Georgia has adopted a more efficient residential energy code. As a result, once the new codes are fully implemented, Version 3 of the National Program Requirements will no longer provide meaningful savings relative to code-compliant noncertified homes in this state.</p> <p><b>Resolution:</b> To continue to provide meaningful savings relative to non-certified homes, a Version 3.1 implementation date has been defined for Georgia. To reflect this change, Exhibit 3 will be modified as follows:</p>																								
				<table border="1"> <thead> <tr> <th>State / Territory</th> <th>Homes Permitted<sup>14</sup> On or After This Date Must Meet the Adjacent Version &amp; Revision</th> <th>Version</th> <th>Revision<sup>15</sup></th> </tr> </thead> <tbody> <tr> <td rowspan="3">CT, DC, DE, IA, IL, MA, MD, MI, MN, MT, NJ, NV, NY, RI, TX, VT</td> <td>01-01-2019</td> <td>National v3.1</td> <td>Rev. 09</td> </tr> <tr> <td>10-01-2020</td> <td>National v3.1</td> <td>Rev. 10</td> </tr> <tr> <td>01-01-2022</td> <td>National v3.1</td> <td>Rev. 11</td> </tr> <tr> <td rowspan="3">OR</td> <td>01-01-2019</td> <td>National v3.1</td> <td>Rev. 09</td> </tr> <tr> <td>04-01-2019</td> <td>Oregon and Washington v3.2</td> <td>Rev. 09</td> </tr> <tr> <td>10-01-2020</td> <td>Oregon and Washington v3.2</td> <td>Rev. 10</td> </tr> </tbody> </table>	State / Territory	Homes Permitted <sup>14</sup> On or After This Date Must Meet the Adjacent Version & Revision	Version	Revision <sup>15</sup>	CT, DC, DE, IA, IL, MA, MD, MI, MN, MT, NJ, NV, NY, RI, TX, VT	01-01-2019	National v3.1	Rev. 09	10-01-2020	National v3.1	Rev. 10	01-01-2022	National v3.1	Rev. 11	OR	01-01-2019	National v3.1	Rev. 09	04-01-2019	Oregon and Washington v3.2	Rev. 09	10-01-2020	Oregon and Washington v3.2	Rev. 10
				State / Territory	Homes Permitted <sup>14</sup> On or After This Date Must Meet the Adjacent Version & Revision	Version	Revision <sup>15</sup>																					
CT, DC, DE, IA, IL, MA, MD, MI, MN, MT, NJ, NV, NY, RI, TX, VT	01-01-2019	National v3.1	Rev. 09																									
	10-01-2020	National v3.1	Rev. 10																									
	01-01-2022	National v3.1	Rev. 11																									
OR	01-01-2019	National v3.1	Rev. 09																									
	04-01-2019	Oregon and Washington v3.2	Rev. 09																									
	10-01-2020	Oregon and Washington v3.2	Rev. 10																									

## Current ENERGY STAR Single-Family New Homes Policy Record

					01-01-2022	Oregon and Washington v3.2	Rev. 11
				PA	01-01-2019	National v3	Rev. 09
					10-01-2020	National v3	Rev. 10
					04-01-2021	National v3.1	Rev. 10
					01-01-2022	National v3.1	Rev. 11
				NE	01-01-2019	National v3	Rev. 09
					10-01-2020	National v3	Rev. 10
					07-01-2021	National v3.1	Rev. 10
				GA	01-01-2019	National v3	Rev. 09
					10-01-2020	National v3	Rev. 10
					01-01-2022	National v3	Rev. 11
					07-01-2022	National v3.1	Rev. 11
				<b>Exhibit 3 - Implementation of Version 3.1 in New Mexico</b>			
				<b>Issue:</b> New Mexico has adopted a more efficient residential energy code. As a result, once the new codes are fully implemented, Version 3 of the National Program Requirements will no longer provide meaningful savings relative to code-compliant noncertified homes in the state.			
				<b>Resolution:</b> To continue to provide meaningful savings relative to non-certified homes, a Version 3.1 implementation date has been defined for New Mexico. To reflect this change, Exhibit 3 will be modified as follows:			
				<b>State / Territory</b>	<b>Homes Permitted <sup>14</sup> On or After This Date Must Meet the Adjacent Version &amp; Revision</b>	<b>Version</b>	<b>Revision <sup>15</sup></b>
				CT, DC, DE, IA, IL, MA, MD, MI, MN, MT, NJ, NV, NY, RI, TX, VT	01-01-2019	National v3.1	Rev. 09
					10-01-2020	National v3.1	Rev. 10
					01-01-2022	National v3.1	Rev. 11
				OR	01-01-2019	National v3.1	Rev. 09
					04-01-2019	Oregon and Washington v3.2	Rev. 09
					10-01-2020	Oregon and Washington v3.2	Rev. 10
					01-01-2022	Oregon and Washington v3.2	Rev. 11
01072	07/01/2021	National Program Requirements (Version 3.1, Rev. 11)	Change				

## Current ENERGY STAR Single-Family New Homes Policy Record

				PA	01-01-2019	National v3	Rev. 09
					10-01-2020	National v3	Rev. 10
					04-01-2021	National v3.1	Rev. 10
					01-01-2022	National v3.1	Rev. 11
				NE	01-01-2019	National v3	Rev. 09
					10-01-2020	National v3	Rev. 10
					07-01-2021	National v3.1	Rev. 10
				NM	01-01-2019	National v3	Rev. 09
					10-01-2020	National v3	Rev. 10
					01-01-2022	National v3	Rev. 11
					07-01-2022	National v3.1	Rev. 11
01076	07/01/2021	National Program Requirements (Version 3.1, Rev. 11)	Change	<b>Exhibit 3 - Implementation of Version 3.1 in Utah</b>			
				<b>Issue:</b> Utah has adopted a more efficient residential energy code. As a result, once the new codes are fully implemented, Version 3 of the National Program Requirements will no longer provide meaningful savings relative to code-compliant noncertified homes in the state.			
				<b>Resolution:</b> To continue to provide meaningful savings relative to non-certified homes, a Version 3.1 implementation date has been defined for Utah. To reflect this change, Exhibit 3 will be modified as follows:			
				<b>State / Territory</b>	<b>Homes Permitted <sup>14</sup> On or After This Date Must Meet the Adjacent Version &amp; Revision</b>	<b>Version</b>	<b>Revision <sup>15</sup></b>
				CT, DC, DE, IA, IL, MA, MD, MI, MN, MT, NJ, NV, NY, RI, TX, VT	01-01-2019	National v3.1	Rev. 09
					10-01-2020	National v3.1	Rev. 10
					01-01-2022	National v3.1	Rev. 11
				OR	01-01-2019	National v3.1	Rev. 09
					04-01-2019	Oregon and Washington v3.2	Rev. 09
					10-01-2020	Oregon and Washington v3.2	Rev. 10
					01-01-2022	Oregon and Washington v3.2	Rev. 11
				PA	01-01-2019	National v3	Rev. 09

## Current ENERGY STAR Single-Family New Homes Policy Record

					10-01-2020	National v3	Rev. 10
					04-01-2021	National v3.1	Rev. 10
					01-01-2022	National v3.1	Rev. 11
				NE	01-01-2019	National v3	Rev. 09
					10-01-2020	National v3	Rev. 10
					07-01-2021	National v3.1	Rev. 10
				UT	01-01-2019	National v3	Rev. 09
					10-01-2020	National v3	Rev. 10
					01-01-2022	National v3	Rev. 11
					07-01-2022	National v3.1	Rev. 11
01073	07/01/2021	National Program Requirements (Version 3.1, Rev. 11)	Comment	<b>Continued implementation of Version 3.1 in Montana</b>			
				<b>Issue:</b> Partners have questioned whether a new Version of the program requirements will be developed in response to the latest version of Montana’s residential building energy code. This code, with an effective date of 02/13/2021, incorporates the 2018 IECC with amendments.			
				<b>Resolution:</b> The new code was determined to be less stringent than the 2018 IECC, and National Version 3.1 was determined to offer meaningful savings over the new code. Because Version 3.1 continues to offer meaningful savings over Montana’s new residential building energy code, it will continue to be implemented. A new Version will not be implemented in Montana until another state-level code update occurs or until EPA defines a new nationwide Version.			
01078	09/15/2022	National Program Requirements (Version 3.1, Rev. 11)	Change	<b>Exhibit 3 - Implementation of Version 3.1 in Maine</b>			
				<b>Issue:</b> Maine has recently adopted a more efficient residential energy code. As a result, once the new codes are fully implemented, Version 3 of the National Program Requirements will no longer provide meaningful savings relative to code-compliant noncertified homes in this state.			
				<b>Resolution:</b> To continue to provide meaningful savings relative to non-certified homes in states that have adopted more rigorous codes, a Version 3.1 implementation date has been defined for Maine. To reflect this change, Exhibit 3 will be modified as follows:			
				<b>State / Territory</b>	<b>Homes Permitted <sup>14</sup> On or After This Date</b>	<b>Version</b>	<b>Revision <sup>15</sup></b>

## Current ENERGY STAR Single-Family New Homes Policy Record

					Must Meet the Adjacent Version & Revision		
CT, DC, DE, IA, IL, MA, MD, MI, MN, MT, NJ, NV, NY, RI, TX, VT	01-01-2019	National v3.1	Rev. 09				
	10-01-2020	National v3.1	Rev. 10				
	01-01-2022	National v3.1	Rev. 11				
OR	01-01-2019	National v3.1	Rev. 09				
	04-01-2019	Oregon and Washington v3.2	Rev. 09				
	10-01-2020	Oregon and Washington v3.2	Rev. 10				
	01-01-2022	Oregon and Washington v3.2	Rev. 11				
PA	01-01-2019	National v3	Rev. 09				
	10-01-2020	National v3	Rev. 10				
	04-01-2021	National v3.1	Rev. 10				
	01-01-2022	National v3.1	Rev. 11				
NE	01-01-2019	National v3	Rev. 09				
	10-01-2020	National v3	Rev. 10				
	07-01-2021	National v3.1	Rev. 10				
<u>ME</u>	<u>01-01-2019</u>	<u>National v3</u>	<u>Rev. 09</u>				
	<u>10-01-2020</u>	<u>National v3</u>	<u>Rev. 10</u>				
	<u>01-01-2022</u>	<u>National v3</u>	<u>Rev. 11</u>				
	<u>10-01-2022</u>	<u>National v3.1</u>	<u>Rev. 11</u>				

## Current ENERGY STAR Single-Family New Homes Policy Record

01192	09/15/2022	National Program Requirements (Version 3.1, Rev. 11)	Change	<p><b>Exhibit 3 – National Transition to v3.1</b></p> <p><b>Issue:</b> EPA proposed transitioning all states with ENERGY STAR Single-Family New Homes (SFNH) Version 3.0 still in effect to Version 3.1 due to the high percentage of homes already meeting or approaching the required Version 3.1 efficiency levels, the ability to increase program impacts, and to help ensure that ENERGY STAR maintains a performance premium even in “home rule” states.</p> <p>It held a comment period on this issue from October 18, 2021 to November 15, 2021 and a majority of stakeholders expressed support for the national transition to v3.1.</p> <p>As a result, EPA announced that the proposed implementation of Version 3.1 will go into effect for homes permitted on or after January 1, 2023.</p> <p><b>Resolution:</b> To reflect that in states where Version 3.0 of the ENERGY STAR Single-Family New Homes National Program Requirements is still in effect, homes permitted on or after January 1, 2023 will be required to meet Version 3.1, Exhibit 3 will be modified as follows:</p> <table border="1" data-bbox="892 808 2024 1425"> <thead> <tr> <th data-bbox="892 808 1234 927">State / Territory</th> <th data-bbox="1234 808 1543 927">Homes Permitted<sup>14</sup> On or After This Date Must Meet the Adjacent Version &amp; Revision</th> <th data-bbox="1543 808 1887 927">Version</th> <th data-bbox="1887 808 2024 927">Revision<sup>15</sup></th> </tr> </thead> <tbody> <tr> <td data-bbox="892 927 1234 1052" rowspan="3">CT, DC, DE, IA, IL, MA, MD, MI, MN, MT, NJ, NV, NY, RI, TX, VT</td> <td data-bbox="1234 927 1543 971">01-01-2019</td> <td data-bbox="1543 927 1887 971">National v3.1</td> <td data-bbox="1887 927 2024 971">Rev. 09</td> </tr> <tr> <td data-bbox="1234 971 1543 1015">10-01-2020</td> <td data-bbox="1543 971 1887 1015">National v3.1</td> <td data-bbox="1887 971 2024 1015">Rev. 10</td> </tr> <tr> <td data-bbox="1234 1015 1543 1058">01-01-2022</td> <td data-bbox="1543 1015 1887 1058">National v3.1</td> <td data-bbox="1887 1015 2024 1058">Rev. 11</td> </tr> <tr> <td data-bbox="892 1052 1234 1214" rowspan="3">OR</td> <td data-bbox="1234 1052 1543 1096">01-01-2019</td> <td data-bbox="1543 1052 1887 1096">National v3.1</td> <td data-bbox="1887 1052 2024 1096">Rev. 09</td> </tr> <tr> <td data-bbox="1234 1096 1543 1140">04-01-2019</td> <td data-bbox="1543 1096 1887 1140">Oregon and Washington v3.2</td> <td data-bbox="1887 1096 2024 1140">Rev. 09</td> </tr> <tr> <td data-bbox="1234 1140 1543 1183">10-01-2020</td> <td data-bbox="1543 1140 1887 1183">Oregon and Washington v3.2</td> <td data-bbox="1887 1140 2024 1183">Rev. 10</td> </tr> <tr> <td data-bbox="892 1214 1234 1385" rowspan="4">PA</td> <td data-bbox="1234 1183 1543 1227">01-01-2022</td> <td data-bbox="1543 1183 1887 1227">Oregon and Washington v3.2</td> <td data-bbox="1887 1183 2024 1227">Rev. 11</td> </tr> <tr> <td data-bbox="1234 1227 1543 1271">01-01-2019</td> <td data-bbox="1543 1227 1887 1271">National v3</td> <td data-bbox="1887 1227 2024 1271">Rev. 09</td> </tr> <tr> <td data-bbox="1234 1271 1543 1315">10-01-2020</td> <td data-bbox="1543 1271 1887 1315">National v3</td> <td data-bbox="1887 1271 2024 1315">Rev. 10</td> </tr> <tr> <td data-bbox="1234 1315 1543 1359">04-01-2021</td> <td data-bbox="1543 1315 1887 1359">National v3.1</td> <td data-bbox="1887 1315 2024 1359">Rev. 10</td> </tr> <tr> <td data-bbox="892 1385 1234 1425" rowspan="2">NE</td> <td data-bbox="1234 1359 1543 1403">01-01-2022</td> <td data-bbox="1543 1359 1887 1403">National v3.1</td> <td data-bbox="1887 1359 2024 1403">Rev. 11</td> </tr> <tr> <td data-bbox="1234 1403 1543 1425">01-01-2019</td> <td data-bbox="1543 1403 1887 1425">National v3</td> <td data-bbox="1887 1403 2024 1425">Rev. 09</td> </tr> </tbody> </table>	State / Territory	Homes Permitted <sup>14</sup> On or After This Date Must Meet the Adjacent Version & Revision	Version	Revision <sup>15</sup>	CT, DC, DE, IA, IL, MA, MD, MI, MN, MT, NJ, NV, NY, RI, TX, VT	01-01-2019	National v3.1	Rev. 09	10-01-2020	National v3.1	Rev. 10	01-01-2022	National v3.1	Rev. 11	OR	01-01-2019	National v3.1	Rev. 09	04-01-2019	Oregon and Washington v3.2	Rev. 09	10-01-2020	Oregon and Washington v3.2	Rev. 10	PA	01-01-2022	Oregon and Washington v3.2	Rev. 11	01-01-2019	National v3	Rev. 09	10-01-2020	National v3	Rev. 10	04-01-2021	National v3.1	Rev. 10	NE	01-01-2022	National v3.1	Rev. 11	01-01-2019	National v3	Rev. 09
State / Territory	Homes Permitted <sup>14</sup> On or After This Date Must Meet the Adjacent Version & Revision	Version	Revision <sup>15</sup>																																													
CT, DC, DE, IA, IL, MA, MD, MI, MN, MT, NJ, NV, NY, RI, TX, VT	01-01-2019	National v3.1	Rev. 09																																													
	10-01-2020	National v3.1	Rev. 10																																													
	01-01-2022	National v3.1	Rev. 11																																													
OR	01-01-2019	National v3.1	Rev. 09																																													
	04-01-2019	Oregon and Washington v3.2	Rev. 09																																													
	10-01-2020	Oregon and Washington v3.2	Rev. 10																																													
PA	01-01-2022	Oregon and Washington v3.2	Rev. 11																																													
	01-01-2019	National v3	Rev. 09																																													
	10-01-2020	National v3	Rev. 10																																													
	04-01-2021	National v3.1	Rev. 10																																													
NE	01-01-2022	National v3.1	Rev. 11																																													
	01-01-2019	National v3	Rev. 09																																													

## Current ENERGY STAR Single-Family New Homes Policy Record

					10-01-2020	National v3	Rev. 10
					07-01-2021	National v3.1	Rev. 10
					01-01-2022	National v3.1	Rev. 11
				AL, AK, AZ, AR, CO, IN, ID, KS, KY, LA, MS, MO, NH, NC, ND, OH, OK, SC, SD, TN, VA, WV, WI, WY	01-01-2019	National v3	Rev. 09
					10-01-2020	National v3	Rev. 10
					01-01-2022	National v3	Rev. 11
					01-01-2023	National v3.1	Rev. 11
01131	09/15/2022	National Program Requirements (Version 3.1, Rev. 11)	Refinement	<b>Effective Date section – revise implementation timeline language</b>			
				<p><b>Issue:</b> Currently, the first paragraph of this section references rationale for implementing other Versions of the ENERGY STAR Single Family New Homes Program which would not be accurate after the national transition to Version 3.1. Additionally, it may improve consistency to use the language in this section in the regional program requirements documents, which are more generic and do not provide rationale for implementing other Versions.</p>			
				<p><b>Resolution:</b> In order to improve consistency and accuracy, the first paragraph of this section will be revised to align with the implementation timeline language of the regional program requirements documents as follows:</p> <p>“To determine the program Version and Revision that a home is required to be certified under, look up the location and permit date of the home in Exhibit 3. Program requirements for other locations can be found at <a href="http://www.energystar.gov/newhomesrequirements">www.energystar.gov/newhomesrequirements</a>.”</p>			
01134	09/15/2022	National Rater Design Review Checklist (Version 3 / 3.1, Rev. 11)	Clarification	<b>Addition of “N/A” column</b>			
				<p><b>Issue:</b> Raters have indicated challenges in completing this Checklist, given that some Items are not applicable to the home, yet there is no “N/A” column, as is available in the National Rater Field Checklist. Currently, the only options in such cases are for the Rater to leave the Item blank or mark it as “Rater Verified”.</p>			



## Current ENERGY STAR Single-Family New Homes Policy Record

				<p><b>Resolution:</b> A column will be added to the Checklist with checkboxes included for the specific Items that may not be applicable to a home being certified. With the addition of the new column, the “N/A” checkbox provided directly within Item 1.2 can be deleted, as follows:  “Rater has verified and documented that HVAC contractor holds credential required to complete National HVAC Commissioning Checklist, unless all equipment to be installed in home to be certified is an exempted type, in which case check ‘N/A’. <input type="checkbox"/> N/A“</p> <p>Additionally, a new Footnote will be added to explain the N/A column as follows:  “The column titled “N/A,” which denotes items that are “not applicable,” should be used when the checklist Item is not present in the home or conflicts with local requirements.”</p>
01153	09/15/2022	National Rater Design Review Checklist (Version 3 / 3.1, Rev. 11)	Refinement	<b>OMB-required classification information and disclaimer added</b>
				<p><b>Issue:</b> To comply with the Paperwork Reduction Act (PRA), certain program documents are required to display classification information, including the associated Office of Management and Budget (OMB) Control Number, OMB Control Expiration Date, and EPA Form Number, as well as a disclaimer. Currently, this required information is not displayed.</p> <p>Applicable program documents include the National HVAC Design Report, National HVAC Commissioning Checklist, National Rater Design Review Checklist, and National Rater Field Checklist.</p>
				<p><b>Resolution:</b> The required classification information and disclaimer will be added to this document. It is worth noting that the OMB Control Expiration Date refers to the OMB PRA process and is not related to the ENERGY STAR program requirements. The addition of this information will not change in any way the process for certifying homes.</p>
01178	09/15/2022	National Rater Design Review Checklist (Version 3 / 3.1, Rev. 11)	Refinement	<b>Allowed use of ANSI / RESNET / ACCA Std. 310</b>
				<p><b>Issue:</b> Footnote 1 states, in part, that ANSI / RESNET / ACCA / ICC 310 shall not be used until an implementation schedule has been defined by the HCO that the home is being certified under. This restriction was necessary at the time the footnote was added because ANSI / RESNET / ACCA / ICC 310 was still being finalized and was not yet incorporated by reference into ANSI / RESNET / ICC 301. In addition, the one HCO approved at that time had to put training, reporting, and other components in place before the standard could be effectively used and overseen.</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>At this time, ANSI / RESNET / ACCA / ICC 310 has been finalized and incorporated by reference into ANSI / RESNET / ICC 301. In addition, the one HCO that was approved at the time has put in place the necessary oversight structures for the new standard and defined an implementation date. Going forward, all HCO's will support the standard.</p> <p><b>Resolution:</b> As a result of these developments, the language in this Footnote can be streamlined as follows:</p> <p>“Track A – HVAC Grading shall not be used until an implementation schedule has been defined for ANSI / RESNET / ACCA Std. 310 by the HCO that the home is being certified under. Track A – HVAC Grading shall then use ANSI / RESNET / ACCA Std. 310 including all Addenda and Normative Appendices, with new versions and Addenda implemented according to the schedule defined by the HCO that the home is being certified under.”</p>
01139	09/15/2022	National Rater Design Review Checklist (Version 3 / 3.1, Rev. 11)	Refinement	<p><b>Item 1.1 – Website URL updated</b></p> <p><b>Issue:</b> The URL in Item 1.1 currently leads to the <a href="#">Partner Locator</a> page. The URL should be updated to direct to the <a href="#">Residential Builders/Developers and Energy Rating Companies</a> page so that project teams can more easily verify whether a builder has an ENERGY STAR partnership agreement.</p> <p><b>Resolution:</b> The URL in Item 1.1 of the National Rater Design Review Checklist will be updated to direct to the <a href="#">Residential Builders/Developers and Energy Rating Companies</a> page. Because the URL is long, the alias <a href="http://www.energystar.gov/ResPartnerDirectory">www.energystar.gov/ResPartnerDirectory</a> will be used to direct to the appropriate page.</p>
01132	09/15/2022	National Rater Design Review Checklist (Version 3 / 3.1, Rev. 11)	Clarification	<p><b>Section 4 – Clarifying applicability of Track A and Track B</b></p> <p><b>Issue:</b> Items 4a.1 through 4a.3 apply to the review of the ANSI / RESNET / ACCA / ICC 310 HVAC Design Report and ENERGY STAR Supplement when Track A – HVAC Grading is chosen. Items 4b.1 and 4b.2 apply to the collection and review of the ENERGY STAR National HVAC Design Report when Track B – HVAC Credential is chosen.</p> <p>Further guidance is needed to clarify when these Items are applicable, particularly for a home with less common HVAC system types (e.g., a home with a boiler and no air conditioner).</p> <p><b>Resolution:</b> For a home pursuing Track A, ANSI / RESNET / ACCA / ICC 310 requires that design elements be documented for all HVAC system types included in the dwelling or dwelling unit, even those that are not encompassed by the field verification tasks. For example, basic</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>design elements are to be documented for a boiler system, even though the airflow, watt draw, and refrigerant tasks are not applicable to such a system.</p> <p>This is in contrast to the ENERGY STAR National HVAC Design Report used when pursuing Track B, which was only designed to accommodate air conditioners, heat pumps, and furnaces.</p> <p>As a result, it is possible, and EPA's intent, for Item 4a.1 (collection of complete design documentation) and 4a.2 (review of design documentation in accordance with ANSI / RESNET / ACCA / ICC 310) to be completed for any home pursuing Track A. The final checklist Item for Track A, Item 4a.3, requires that the cooling sizing percentage be within the cooling sizing limits defined for air conditioners and heat pumps in the ENERGY STAR National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units. EPA's intent is for this Item to be completed if the home contains an air conditioner or heat pump; otherwise, the Item is not applicable.</p> <p>To clarify this intent, a new Footnote will be added to the end of the header for Section 4a, as follows:</p> <p>"If pursuing Track A, then Item 4a.1 and 4a.2 shall be completed, even if the field verification tasks in ANSI / RESNET / ACCA / ICC 310 are not applicable to any HVAC systems in the home (e.g., a home with a boiler and no AC). Item 4a.3 shall be completed if the home to be certified contains an air conditioner or heat pump; otherwise, 'N/A' shall be checked."</p> <p>For Track B, as noted above, the ENERGY STAR National HVAC Design Report was only designed to accommodate air conditioners, heat pumps, and furnaces. For a home without any of these system types, it is noted in Footnote 1 of the National HVAC Design Report that Section 1 and 2 are required and Sections 3 through 5 are recommended, but not required.</p> <p>As a result, it is EPA's intent that Item 4b.1 (collection of the National HVAC Design Report) always be completed, with Section 1 and 2 of the National HVAC Design Report always completed and Section 3-5 completed if applicable systems are in the home. It is EPA's intent that 4b.2 (review of the design documentation in accordance with the criteria in this Item) be completed if applicable systems are in the home; otherwise, completion of the review is recommended, but not required.</p> <p>To help clarify this intent, a new Footnote will be added to the end of the header for Section 4b, as follows:</p> <p>"If pursuing Track B, then Section 4b shall be fully completed if the home contains split air conditioners, unitary air conditioners, air-source heat pumps, or water-source (i.e., geothermal)</p>
--	--	--	--	---

## Current ENERGY STAR Single-Family New Homes Policy Record

				heat pumps up to 65 kBtuh with forced-air distribution systems (i.e., ducts) or furnaces up to 225 kBtuh with forced-air distribution systems (i.e., ducts). For a home without any of these system types, collection of the National HVAC Design Report is still required with Section 1 and 2 completed. However, for such a home EPA recommends, but does not require, that Sections 3 through 5 of the report be completed and that the report be reviewed per Item 4b.2.”
01080	09/15/2022	National Rater Design Review Checklist (Version 3 / 3.1, Rev. 11)	Refinement	<b>Item 4a.1 – Updated reference to program document name</b>
				<b>Issue:</b> This Item requires that an “HVAC design report compliant with ANSI / RESNET / ACCA Std. 310, with the ENERGY STAR supplement, [be] collected for records, with no Items left blank”. The new template for the ENERGY STAR supplement has recently been completed and is called the “National HVAC Design Supplement to Std. 310 for Dwellings & Units”. The reference to this document in the Item should be updated with its final name.
				<b>Resolution:</b> This Item will be updated to use the final name of the new program document, as follows: “HVAC design report compliant with ANSI / RESNET / ACCA Std. 310, with the ENERGY STAR National HVAC Design Supplement to Std. 310 for Dwellings & Units, collected for records, with no Items left blank”.
01081	09/15/2022	National Rater Design Review Checklist (Version 3 / 3.1, Rev. 11)	Change	<b>Item 4a.1 – Allowance to collect HVAC Design Report in lieu of HVAC Design Supplement</b>
				<b>Issue:</b> This Item requires that an “HVAC design report compliant with ANSI / RESNET / ACCA Std. 310, with the ENERGY STAR supplement, [be] collected for records, with no Items left blank”. The new template for the ENERGY STAR supplement has recently been completed and is called the “National HVAC Design Supplement to Std. 310 for Dwellings & Units”. Until the new template has been integrated into HVAC design software, designers who want to complete the form must do so manually. However, a potential alternative to completing the supplement would be for the designer to complete the current ENERGY STAR National HVAC Design Report, which has already been automated in HVAC design software.
				<b>Resolution:</b> While the ENERGY STAR National HVAC Design Report does not have the exact same fields as the new supplement, it does contain all of the essential information. Therefore, collection of the ENERGY STAR National HVAC Design Report in lieu of the supplement will still enable the Rater to ensure that all program requirements have been met.

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>While EPA recommends that designers use the supplement in lieu of the ENERGY STAR National HVAC Design Report, particularly as soon as it is programmed into design software, requiring in the interim that designers complete the supplement manually or wait until the programming is complete to use Track A is not warranted.</p> <p>It should be noted that a designer will need to complete the ENERGY STAR National HVAC Design Report for each HVAC system, whereas a single supplement can be completed for an entire dwelling or dwelling unit, including those with multiple HVAC systems.</p> <p>This new allowance will be reflected in a new footnote to Item 4a.1, as follows:          “As an alternative, the ENERGY STAR National HVAC Design Report may be collected in lieu of the ENERGY STAR National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units. In such cases, at least two documents will still be collected – an HVAC design report compliant with ANSI / RESNET / ACCA Std. 310 plus the ENERGY STAR National HVAC Design Report. Note that for projects with more than one HVAC system, one ENERGY STAR National HVAC Design Report per system would need to be collected.”</p>
01138	09/15/2022	National Rater Design Review Checklist (Version 3 / 3.1, Rev. 11)	Refinement	<p><b>Item 4a.1 – Two design documents required to be collected for Track A</b></p> <p><b>Issue:</b> This Item requires that an “HVAC design report compliant with ANSI / RESNET / ACCA Std. 310, with the ENERGY STAR supplement, [be] collected for records, with no Items left blank”. Policy Record #01080 revised this Item by adding the final name of the ENERGY STAR supplement, called the “ENERGY STAR National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units”, as follows:          “HVAC design report compliant with ANSI / RESNET / ACCA Std. 310, with the ENERGY STAR <u>National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units</u>, collected for records, with no Items left blank”.</p> <p>For consistency with other references to program document names, and for conciseness, it would be appropriate to remove the phrase “ENERGY STAR” from this Item.</p> <p>In addition, the word “with” may imply that this is a single integrated design document when in fact it is two separate documents.</p> <p><b>Resolution:</b> To improve conciseness and further clarify the intent that two separate design documents must be collected: a) the HVAC design report compliant with ANSI / RESNET / ACCA / ICC 310 and b) the ENERGY STAR National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, this Item will be further refined as follows:</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				“HVAC design report compliant with ANSI / RESNET / ACCA Std. 310, with <u>and</u> the ENERGY STAR National HVAC Design Supplement to Std. 310 for Dwellings & Units, collected for records, with no Items left blank”
01136	09/15/2022	National Rater Design Review Checklist (Version 3 / 3.1, Rev. 11)	Clarification	<b>Items 4a.1 and 4b.1 – Recognition that some HVAC design Items may not be applicable</b>
				<b>Issue:</b> These Items require the Rater to collect HVAC design documentation and verify that no Items have been left blank. However, partners have noted that some HVAC design Items may not be applicable to a home.  For example, in Track A, a home without a furnace would indicate “N/A” for the Furnace Section of the ENERGY STAR Single-Family New Homes / Multifamily New Construction National HVAC Design Supplement to Std. 310 for Dwellings & Units. In Track B, the same home would indicate “N/A” for the Furnace Section of the ENERGY STAR Single-Family New Homes National HVAC Design Report.
				<b>Resolution:</b> To clarify that some HVAC design Items may not be applicable, Item 4a.1 and 4b.1 will be revised as follows:  Item 4a.1: “HVAC design report compliant with ANSI / RESNET / ACCA Std. 310, with the ENERGY STAR supplement, collected for records, with no <u>applicable</u> Items left blank.” Item 4b.1: “National HVAC Design Report collected for records, with no <u>applicable</u> Items left blank
01104	09/15/2022	National Rater Design Review Checklist (Version 3 / 3.1, Rev. 11)	Clarification	<b>Item 4a.2 – Remove explicit reference to “Std. 310 Rater Design Review Checklist”</b>
				<b>Issue:</b> Item 4a.2 explicitly references an “ANSI / RESNET / ACCA Std. 310 Rater Design Review Checklist” that must be completed for applicable housing types. While a standalone checklist such as this was originally envisioned to support the implementation of Std. 310, the design review criteria have instead been integrated into tools that encompass additional tasks required by Std. 310 (e.g., RESNET’s publicly-available Excel-based Data Tool). Furthermore, Raters are permitted to create and/or use other tools to assist them in complying with Std. 310, so a singular reference to a “Std. 310 Rater Design Review Checklist” is no longer appropriate.
				<b>Resolution:</b> Rather than explicitly reference a formal “ANSI / RESNET / ACCA Std. 310 Rater Design Review Checklist”, this Item will be clarified and generalized to convey that the design review criteria defined within Std. 310 must be met. Item 4a.2 will be updated as follows:

## Current ENERGY STAR Single-Family New Homes Policy Record

				“ANSI / RESNET / ACCA 310 design review criteria have been met for applicable housing type.”
00111	01/15/2012	Thermal Enclosure System Rater Checklist (Version 3, Rev. 04)	Issue Under Review	<b>Item 2.2 &amp; Item 4.4.1 – Reflective insulation</b>
				<b>Issue:</b> Partners have asked for permission to use radiant barrier house wrap as reflective insulation for the purpose of fulfilling Items 2.2 and 4.4.1. Policy Record Entry 00024 did not allow this practice because the R-values for reflective insulation products rely on air spaces that are not integral to the products and because the ICC Evaluation Service typically classifies such products as weather barriers rather than as insulation products. In response to this guidance, partners have asked EPA to reevaluate the acceptability of reflective insulation products on the grounds that they reduce heat transfer when installed properly, they are treated as insulation products under the Federal Trade Commission 16 CFR Part 460 – Labeling and Advertising of Home Insulation, and there are applicable standards that govern their specification and installation (ASTM C727 and ASTM C1224).
				<b>Resolution:</b> [Issue under review.]
01154	09/15/2022	National Rater Field Checklist (Version 3 / 3.1, Rev. 11)	Refinement	<b>OMB-required classification information and disclaimer added</b>
				<b>Issue:</b> To comply with the Paperwork Reduction Act (PRA), certain program documents are required to display classification information, including the associated Office of Management and Budget (OMB) Control Number, OMB Control Expiration Date, and EPA Form Number, as well as a disclaimer. Currently, this required information is not displayed.  Applicable program documents include the National HVAC Design Report, National HVAC Commissioning Checklist, National Rater Design Review Checklist, and National Rater Field Checklist.
				<b>Resolution:</b> The required classification information and disclaimer will be added to this document. It is worth noting that the OMB Control Expiration Date refers to the OMB PRA process and is not related to the ENERGY STAR program requirements. The addition of this information will not change in any way the process for certifying homes.
01202	09/15/2022	National Rater Field Checklist (Version 3 / 3.1, Rev. 11)	Change	<b>Item 3.2 – Allowance for insulation on top of slab in new construction</b>
				<b>Issue:</b> Item 3.2 requires slab edge insulation aligned with the thermal boundary of the walls, though, exclusively for existing slabs (e.g., in a home undergoing gut rehabilitation), Footnote

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>15 provides an allowance to install insulation on top of the slab. Partners have asked whether this allowance can be applied to new construction.</p> <p><b>Resolution:</b> The option to install insulation on top of the slab will be extended to all homes. While slab edge insulation is generally the most cost-effective strategy, and remains the best practice recommended by EPA, this allowance will provide a backup compliance pathway that may be useful in special circumstances.</p> <p>Footnote 15 will be revised as follows:</p> <p>“Alternatively, the thermal break is permitted to be created using <math>\geq</math> R-3 rigid insulation on top of an existing <u>the</u> slab (e.g., in a home undergoing a gut rehabilitation). In such cases, up to 10% of the slab surface is permitted to not be insulated (e.g., for sleepers, for sill plates). Insulation installed on top of slab shall be covered by a durable floor surface (e.g., hardwood, tile, carpet).”</p>
01179	09/15/2022	National Rater Field Checklist (Version 3 / 3.1, Rev. 11)	Refinement	<p><b>Allowed use of ANSI / RESNET / ACCA Std. 310</b></p> <p><b>Issue:</b> Footnote 32 states, in part, that ANSI / RESNET / ACCA / ICC 310 shall not be used until an implementation schedule has been defined by the HCO that the home is being certified under. This restriction was necessary at the time the footnote was added because ANSI / RESNET / ACCA / ICC 310 was still being finalized and was not yet incorporated by reference into ANSI / RESNET / ICC 301. In addition, the one HCO approved at that time had to put training, reporting, and other components in place before the standard could be effectively used and overseen.</p> <p>At this time, ANSI / RESNET / ACCA / ICC 310 has been finalized and incorporated by reference into ANSI / RESNET / ICC 301. In addition, the one HCO that was approved at the time has put in place the necessary oversight structures for the new standard and defined an implementation date. Going forward, all HCO’s will support the standard.</p> <p><b>Resolution:</b> As a result of these developments, the language in this Footnote can be streamlined as follows:</p>



## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>“Track A – HVAC Grading shall not be used until an implementation schedule has been defined for ANSI / RESNET / ACCA Std. 310 by the HCO that the home is being certified under. Track A – HVAC Grading shall then use ANSI / RESNET / ACCA Std. 310 including all Addenda and Normative Appendices, with new versions and Addenda implemented according to the schedule defined by the HCO that the home is being certified under. For Track A, all unitary HVAC Systems including air conditioners and heat pumps up to 65 kBtuh and furnaces up to 125 kBtuh shall comply with 5a.1 through 5a.3 for the home to be certified.”</p>
01133	09/15/2022	National Rater Field Checklist (Version 3 / 3.1, Rev. 11)	Clarification	<p><b>Section 5 – Applicability of Track A and Track B</b></p> <p><b>Issue:</b> The last sentence of Footnote 32 states that for Track A, all unitary HVAC Systems including air conditioners and heat pumps up to 65 kBtuh and furnaces up to 125 kBtuh shall comply with 5a.1 through 5a.3 for the home to be certified. No parallel statement exists defining what HVAC system types Track B is applicable to. Furthermore, no Footnote clearly states what to do when Track A or B has been selected, but the home does not contain any HVAC system types that the Track is applicable to.</p> <p><b>Resolution:</b> To clarify the intent of Section 5, the last sentence of Footnote 32 will be moved to a new Footnote located at the end of the header for Section 5, as follows:</p> <p>“For Track A, the Items in Section 5a are applicable to all unitary HVAC Systems including air conditioners and heat pumps up to 65 kBtuh and furnaces up to 125 kBtuh. All applicable systems shall comply with 5a.1 through 5a.3 for the home to be certified.</p> <p>For Track B, the Items in Section 5b are applicable to split air conditioners, unitary air conditioners, air-source heat pumps, and water-source (i.e., geothermal) heat pumps up to 65 kBtuh with forced-air distribution systems (i.e., ducts) and to furnaces up to 225 kBtuh with forced-air distribution systems (i.e., ducts). All applicable systems shall comply with 5b.1 and 5b.2 for the home to be certified.</p> <p>If, based on the selected Track, the Items in Section 5 are not applicable to any systems in the home, the Rater shall mark ‘N/A’.”</p> <p>To align with this clarification, a box will be added to the “N/A” column for Item 5b.1.</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

01111	09/15/2022	National Rater Field Checklist (Version 3 / 3.1, Rev. 11)	Refinement	<b>Section 7.3 – Removal of superfluous “N/A” checkboxes</b>
				<b>Issue:</b> For Items 7.3.1 and 7.3.2, the “N/A” checkboxes are superfluous because there is already an overarching “N/A” checkbox in Item 7.3, which is to be used for homes in which there are no outdoor air inlets connected to a ducted return of the HVAC system.
				<b>Resolution:</b> The “N/A” checkboxes in Items 7.3.1 and 7.3.2 will be removed
01102	09/15/2022	National Rater Field Checklist (Version 3 / 3.1, Rev. 11)	Clarification	<b>Item 9.1 &amp; 9.3 – Combining two filtration-related Items into a single Item for clarity</b>
				<b>Issue:</b> Items 9.1 and 9.3 specify distinct, but related, filtration requirements. Item 9.1 requires MERV 6+ filter(s) that are located to facilitate occupant access and regular service. Item 9.3 requires filter(s) to be located such that all return air and mechanically supplied outdoor air passes through them prior to conditioning. The intent of these related requirements could be clarified by combining the two Items into one.
				<b>Resolution:</b> To clarify and condense program requirements, the requirements from Item 9.3 will be incorporated into Item 9.1, and Item 9.3 will be deleted. The revised Item 9.1 will read as follows:  “MERV 6+ filter(s) installed in each ducted mech. system, designed so all return and mechanically supplied outdoor air passes through filter(s) prior to conditioning, and located to facilitate occupant access & regular service.”
01090	09/15/2022	National Rater Field Checklist (Version 3 / 3.1, Rev. 11)	Refinement	<b>Item 10.3 – Move uncommon combustion safety compliance options to footnotes</b>
				<b>Issue:</b> This Item includes a complex and rarely used allowance for unvented combustion appliances located inside a home’s pressure boundary. To improve conciseness and clarity for the majority of partners, this could be listed as an alternative compliance option and relocated to a footnote.
				<b>Resolution:</b> To improve conciseness and clarity, the Item will be edited as follows:  “ <del>If No</del> unvented combustion appliances other than cooking ranges or ovens are located inside the home’s pressure boundary, <del>the Rater has followed ANSI/ACCA 12 QH-2014, Section 3.2.2, Appendix A Sections A2.2.6, A3, and A4, and verified the equipment meets the limits defined within Alternative in Footnote XX.</del> <sup>64, 68, XX</sup> ”  The following new Footnote XX will be added:

## Current ENERGY STAR Single-Family New Homes Policy Record

				“Alternatively, unvented combustion appliances other than cooking ranges or ovens are permitted to be located inside the home’s pressure boundary if the Rater has followed ANSI/ACCA 12 QH-2014, Section 3.2.2, Appendix A Sections A2.2.6, A3, and A4, and verified the equipment meets the limits defined within.”
01164	09/15/2022	National Rater Field Checklist (Version 3 / 3.1, Rev. 11)	Refinement	<b>Footnote 31 – ASHRAE 62.2-2010 or later may be used</b>
				<b>Issue:</b> Currently, this Footnote states that this Checklist is designed to meet the 2010, 2013, or 2016 editions of ASHRAE 62.2. The 2019 edition of the standard has been released since the time this language was last updated and, in fact, the Report is designed to meet any edition including and subsequent to 2010.
				<b>Resolution:</b> Rather than specifying an explicit list of editions that the Checklist is designed to meet, the reference to ASHRAE 62.2 will be generalized to reflect that the Report is designed to meet any edition including and subsequent to 2010. Additional minor refinements will be made for consistency. Footnote 31 will be revised as follows: “This Checklist is designed to meet the requirements of ASHRAE 62.2-2010 <u>or later</u> / 2013 / 2016,..”
01165	09/15/2022	National Rater Field Checklist (Version 3 / 3.1, Rev. 11)	Refinement	<b>Footnote 60 – ASHRAE 62.2-2010 or later may be used</b>
				<b>Issue:</b> Currently, this Footnote states that partners are permitted to use the 2010, 2013, or 2016 editions of ASHRAE 62.2. The 2019 edition of the standard has been released since the time this language was last updated and should also be permitted to be used.
				<b>Resolution:</b> Rather than specifying an explicit list of editions allowed to be used, the reference to ASHRAE 62.2 will be generalized so that any edition including and subsequent to 2010 can be used. Footnote 60 will be revised as follows: “Alternatively, the prescriptive duct sizing requirements in Table 5.3 of ASHRAE 62.2-2010 <u>or later</u> / 2013 / 2016 are permitted to be used..”
01152	09/15/2022	National HVAC Design Report	Refinement	<b>OMB-required classification information and disclaimer added</b>
				<b>Issue:</b> To comply with the Paperwork Reduction Act (PRA), certain program documents are required to display classification information, including the associated Office of Management

## Current ENERGY STAR Single-Family New Homes Policy Record

		(Version 3 / 3.1, Rev. 11)		<p>and Budget (OMB) Control Number, OMB Control Expiration Date, and EPA Form Number, as well as a disclaimer. Currently, this required information is not displayed.</p> <p>Applicable program documents include the National HVAC Design Report, National HVAC Commissioning Checklist, National Rater Design Review Checklist, and National Rater Field Checklist.</p> <p><b>Resolution:</b> The required classification information and disclaimer will be added to this document. It is worth noting that the OMB Control Expiration Date refers to the OMB PRA process and is not related to the ENERGY STAR program requirements. The addition of this information will not change in any way the process for certifying homes.</p>
01161	09/15/2022	National HVAC Design Report (Version 3 / 3.1, Rev. 11)	Refinement	<p><b>Item 2.1 and Footnote 9 – ASHRAE 62.2-2010 or later may be used</b></p> <p><b>Issue:</b> Currently, this Item and associated Footnote states that partners are permitted to use the 2010, 2013, or 2016 editions of ASHRAE 62.2. The 2019 edition of the standard has been released since the time this language was last updated and should also be permitted to be used.</p> <p><b>Resolution:</b> Rather than specifying an explicit list of editions allowed to be used, the reference to ASHRAE 62.2 will be generalized so that any edition including and subsequent to 2010 can be used.</p> <p>Item 2.1 will be revised as follows:  “Ventilation airflow design rate &amp; run-time meet the requirements of ASHRAE 62.2-2010 <u>or later</u> / 2013 / 2016”.</p> <p>Associated Footnote 9 will be revised as follows:  “Airflow design rates and run-times shall be determined using ASHRAE 62.2-2010 or later. Designers are permitted, but not required, to use published addenda and/or <u>more recent</u> the 2013 or 2016 version <u>editions</u> of the standard to assess compliance.”</p>
01168	09/15/2022	National HVAC Design Report (Version 3 / 3.1, Rev. 11)	Clarification	<p><b>Items 4.9 to 4.11 – Report maximum cooling capacity of two-speed and variable-speed air conditioners and heat pumps</b></p> <p><b>Issue:</b> Partners have asked what cooling capacity is intended to be reported for these Items when two-speed or variable-speed air conditioners or heat pumps are specified. These values are subsequently used to calculate the cooling sizing percentage in Item 4.13.</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p><b>Resolution:</b> The intent of these requirements has been to align with the procedures defined within ACCA Manual S, which directs designers to use the full capacity of the equipment when calculating the sizing percentage.</p> <p>This is done because at design conditions, the system is intended to be using full or close-to-full capacity. At temperatures cooler than the design conditions, two-speed or variable-speed systems have the ability to modulate downwards, reducing their cooling capacity. This can optimize the efficiency of the equipment, reduce wear-and-tear, and improve the ability of the system to dehumidify during part-load conditions.</p> <p>If the lower capacity of these systems was listed in Items 4.9 through 4.11, and the cooling sizing percentage calculated using this smaller number, then the system would have excess capacity unlikely to be used, while eliminating the potential efficiency, durability, and humidity-control benefits of such systems.</p> <p>To clarify the original intent of these Items, a new footnote will be added to Items 4.9 through 4.11 as follows:</p> <p><u>“The full system capacity at design conditions, from OEM expanded performance data, shall be listed. For two-speed equipment, the full system capacity shall reflect the capacity at the maximum available compressor speed. For variable-speed equipment, it shall reflect the capacity when the compressor operates at the AHRI rating speed.”</u></p>
01169	09/15/2022	National HVAC Design Report (Version 3 / 3.1, Rev. 11)	Clarification	<p><b>Item 4.19 – Report maximum heating capacity of two-stage and modulating furnaces</b></p>
				<p><b>Issue:</b> Partners have asked what heating capacity is intended to be reported for this Item when two-stage or modulating systems are specified. These values are subsequently used to calculate the heating sizing percentage in Item 4.20.</p> <p><b>Resolution:</b> The intent of this requirement has been to align with the procedures defined within ACCA Manual S, which directs designers to use the full capacity of the equipment when calculating the sizing percentage.</p> <p>This is done because at design conditions, the system is intended to be using full or close-to-full capacity. At temperatures warmer than the design conditions, two-stage or modulating systems have the ability to modulate downwards, reducing their heating capacity. This can optimize the efficiency of the equipment, reduce wear-and-tear, and improve the comfort of the occupants.</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>If the lower capacity of these systems was listed in Item 4.19, and the heating sizing percentage calculated using this smaller number, then the system would have excess capacity unlikely to be used, while eliminating the potential efficiency, durability, and comfort benefits of such systems.</p> <p>To clarify the original intent of this Item, a new footnote will be added to Item 4.19 as follows:  <u>“The full system capacity shall be listed. For two-stage and modulating furnaces, the full system capacity shall reflect the maximum output available.”</u></p>
01162	09/15/2022	National HVAC Design Report (Version 3 / 3.1, Rev. 11)	Refinement	<p><b>Footnote 1 – ASHRAE 62.2-2010 or later may be used</b></p>
				<p><b>Issue:</b> Currently, this Footnote states that this Report is designed to meet the 2010, 2013, or 2016 editions of ASHRAE 62.2. The 2019 edition of the standard has been released since the time this language was last updated and, in fact, the Report is designed to meet any edition including and subsequent to 2010.</p>
				<p><b>Resolution:</b> Rather than specifying an explicit list of editions that the Report is designed to meet, the reference to ASHRAE 62.2 will be generalized to reflect that the Report is designed to meet any edition including and subsequent to 2010.</p> <p>Footnote 1 will be revised as follows:  <u>“This report is designed to meet ASHRAE 62.2-2010 or later / 2013 / 2016 and..”</u></p>
01163	09/15/2022	National HVAC Design Supplement to Std. 310 for Dwellings and Units (All Versions, Rev. 11)	Refinement	<p><b>Footnote 6 – ASHRAE 62.2-2010 or later may be used</b></p>
				<p><b>Issue:</b> Currently, this Footnote states that partners are permitted to use the 2010, 2013, or 2016, or 2019 editions of ASHRAE 62.2. Future editions of the standard should also be permitted to be used.</p>
				<p><b>Resolution:</b> Rather than specifying an explicit list of editions allowed to be used, the reference to ASHRAE 62.2 will be generalized so that any edition including and subsequent to 2010 can be used.</p> <p>Footnote 6 will be revised as follows:  <u>“Airflow design rates and run-times shall be determined using ASHRAE 62.2-2010 or later. Designers are permitted, but not required, to use published addenda and/or <u>more recent</u> the 2013 or 2016 version <u>editions</u> of the standard to assess compliance.”</u></p>

## Current ENERGY STAR Single-Family New Homes Policy Record

01170	09/15/2022	National HVAC Design Supplement to Std. 310 for Dwellings and Units (All Versions, Rev. 11)	Clarification	<b>Item 4.5 – Report maximum cooling capacity of two-speed and variable-speed air conditioners and heat pumps</b>
				<b>Issue:</b> Partners have asked what cooling capacity is intended to be reported for this Item when two-speed or variable-speed air conditioners or heat pumps are specified.
				<p><b>Resolution:</b> The intent of this requirement has been to align with the procedures defined within ACCA Manual S, which directs designers to use the full capacity of the equipment when calculating the sizing percentage.</p> <p>This is done because at design conditions, the system is intended to be using full or close-to-full capacity. At temperatures below the design conditions, two-speed or variable-speed systems have the ability to modulate downwards, reducing their cooling capacity. This can optimize the efficiency of the equipment, reduce wear-and-tear, and improve the ability of the system to dehumidify during part-load conditions.</p> <p>If the lower capacity of these systems was listed in Item 4.5, and the sizing percentage calculated using this smaller number, then the system would have excess capacity unlikely to be used, while eliminating the potential efficiency, durability, and humidity-control benefits of such systems.</p> <p>To clarify the original intent of this Item, Footnote 19 will be revised as follows:  <u>“The full system capacity at design conditions, from OEM expanded performance data , shall be listed . For two-speed equipment, the full system capacity shall reflect the capacity at the maximum available compressor speed. For variable-speed equipment, it shall reflect the capacity when the compressor operates at the AHRI rating speed.”</u></p>
01171	09/15/2022	National HVAC Design Supplement to Std. 310 for Dwellings and Units (All Versions, Rev. 11)	Clarification	<b>Item 4.13 – Report maximum heating capacity of two-stage and modulating furnaces</b>
				<b>Issue:</b> Partners have asked what heating capacity is intended to be reported for this Item when two-stage or modulating systems are specified. These values are subsequently used to calculate the heating sizing percentage in Item 4.14.
				<p><b>Resolution:</b> The intent of this requirement has been to align with the procedures defined within ACCA Manual S, which directs designers to use the full capacity of the equipment when calculating the sizing percentage.</p> <p>This is done because at design conditions, the system is intended to be using full or close-to-full capacity. At temperatures warmer than the design conditions, two-stage or modulating</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>systems have the ability to modulate downwards, reducing their heating capacity. This can optimize the efficiency of the equipment, reduce wear-and-tear, and improve the comfort of the occupants.</p> <p>If the lower capacity of these systems was listed in Item 4.13, and the heating sizing percentage calculated using this smaller number, then the system would have excess capacity unlikely to be used, while eliminating the potential efficiency, durability, and comfort benefits of such systems.</p> <p>To clarify the original intent of this Item, a new footnote will be added to Item 4.13 as follows:  <u>“The full system capacity shall be listed. For two-stage and modulating furnaces, the full system capacity shall reflect the maximum output available.”</u></p>
01151	09/15/2022	National HVAC Commissioning Checklist (Version 3 / 3.1, Rev. 11)	Refinement	<b>OMB-required classification information and disclaimer added</b>
				<p><b>Issue:</b> To comply with the Paperwork Reduction Act (PRA), certain program documents are required to display classification information, including the associated Office of Management and Budget (OMB) Control Number, OMB Control Expiration Date, and EPA Form Number, as well as a disclaimer. Currently, this required information is not displayed.</p> <p>Applicable program documents include the National HVAC Design Report, National HVAC Commissioning Checklist, National Rater Design Review Checklist, and National Rater Field Checklist.</p>
				<p><b>Resolution:</b> The required classification information and disclaimer will be added to this document. It is worth noting that the OMB Control Expiration Date refers to the OMB PRA process and is not related to the ENERGY STAR program requirements. The addition of this information will not change in any way the process for certifying homes.</p>
01137	09/15/2022	National HVAC Commissioning Checklist (Version 3 / 3.1, Rev. 11)	Change	<b>Section 2 – Exemption of single packaged systems from refrigerant charge testing</b>
				<p><b>Issue:</b> A Partner has asked whether single packaged systems are exempted from the refrigerant charge testing requirements of the Section. AHRI defines a single packaged system as “a system in which all components are integrated into one cabinet”.</p> <p>Unlike split systems, in which the amount of refrigerant must be adjusted if the refrigerant line length varies from the manufacturer default, single packaged system do not require field installation of refrigerant lines and can be shipped from the factory with the correct amount of</p>



## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>refrigerant for the fixed line length. For this reason, such systems often do not contain ports that are accessible for assessing refrigerant charge.</p> <p><b>Resolution:</b> Because single packaged systems generally would not benefit from having their refrigerant field-verified and often do not contain ports that are accessible for assessing refrigerant charge, single packaged systems will be exempted from this Section.</p> <p>Therefore, the following text will be added to the Section:  <u>“Ducted or non-ducted single packaged systems (i.e., PTAC) are exempt from this section.”</u></p> <p>Note that this aligns with an exemption already provided in the ENERGY STAR Multifamily New Construction program.</p>
01092	09/15/2022	National Water Management System Builder Requirements (Version 3 / 3.1, Rev. 11)	Change	<p><b>Item 1.4 – Allow extruded polystyrene insulation to be used as a capillary break</b></p>
				<p><b>Issue:</b> Currently, only polyethylene sheeting is permitted to be used as the capillary break beneath a concrete slab in crawlspace floors. This is in contrast to the allowance to use either extruded polystyrene insulation or polyethylene sheeting beneath other slab types, per Item 1.3.</p> <p>Because extruded polystyrene insulation is a material recognized by both EPA and DOE as a valid option for creating a capillary break under a concrete slab, it would be pertinent to allow builders to choose either material to meet the capillary break requirement for a crawlspace.</p> <p><b>Resolution:</b> To provide this additional compliance option for crawlspaces, Item 1.4 will be revised as follows:</p> <p>1.4 Capillary break at all crawlspace floors using one of the following options:</p> <p>1.4.1 Concrete slab over one of the following materials:</p> <p>1.4.1a <math>\geq 6</math> mil polyethylene sheeting, lapped 6-12 in; OR,</p> <p>1.4.1b <math>\geq 1</math> in. extruded polystyrene insulation with taped joints.</p> <p>1.4.2 <math>\geq 6</math> mil polyethylene sheeting, lapped 6-12 in., &amp; installed using one of the following:</p> <p>1.4.2a Lapped up each wall or pier and fastened with furring strips or equivalent; OR,</p> <p>1.4.2b Secured in the ground at the perimeter using stakes.</p>
01112	09/15/2022	National Water Management System Builder Requirements	Clarification	<p><b>Item 1.6 – Replace the term “air permeable” with “vapor permeable”</b></p>
				<p><b>Issue:</b> This Item limits the use of vapor retarders when “air permeable” insulation is used on exterior below-grade walls. EPA’s Indoor airPLUS program has a similar requirement but instead uses the term “vapor permeable” insulation.</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

		(Version 3 / 3.1, Rev. 11)		<p>The intent of the two programs is the same, to limit the use of vapor retarders in below-grade walls when there is a potential for moisture to be trapped within the insulation (e.g., when the insulation is “air permeable” or, more accurately, “vapor permeable”). However, the use of different terms could potentially cause confusion.</p> <p><b>Resolution:</b> To more accurately reflect the original intent of the Item, and align with terminology used in the Indoor airPLUS program, Item 1.6 will be updated as follows:  “Class 1 vapor retarder not installed on interior side of vapor permeable insulation in exterior below-grade walls.”</p> <p>Additionally Footnote 8 will be updated as follows:  “The 2009 IRC defines Class I vapor retarders as a material or assembly with a rating of &lt; 0.1 perm, using the desiccant method with Proc. A of ASTM E 96. The following materials are typically &lt; 0.1 perm and shall not be used on the interior side of vapor permeable insulation in above-grade exterior walls in warm-humid climates or below-grade exterior walls in any climate: rubber membranes, polyethylene film, glass, aluminum foil, sheet metal, and foil-faced insulating / non-insulating sheathings. These materials can be used on the interior side of walls if vapor permeable insulation is not present (e.g., foil-faced rigid foam board adjacent to a below-grade concrete foundation wall is permitted).</p> <p>Note that this list is not comprehensive and other materials with a perm rating &lt; 0.1 also shall not be used. Also, if mfr. spec’s for a product indicate a perm rating &gt; 0.1, then it may be used, even if it is in this list. Also note that open-cell and closed-cell foam generally have ratings above this limit and may be used unless mfr. spec’s indicate a perm rating &lt; 0.1. Several exemptions to these requirements apply:</p> <ul style="list-style-type: none"> <li>• Class I vapor retarders, such as ceramic tile, may be used at shower and tub walls;</li> <li>• Class I vapor retarders, such as mirrors, may be used if mounted with clips or other spacers that allow air to circulate behind them.”</li> </ul>
01105	09/15/2022	National ERI Target Procedure (Version 3, Rev. 11)	Clarification	<p><b>Heating Systems Section: Remove reference to furnaces on EAE line</b></p> <p><b>Issue:</b> Currently, the Electric Auxiliary Energy (EAE) line of Exhibit 2: Heating Systems defines, in part, how to determine the Electric Auxiliary Energy (EAE) for non-electric warm furnaces. However, Addendum B of ANSI / RESNET / ICC 301-2019 reduced the system types that EAE applies to by removing non-electric furnaces. In lieu of such values, Addendum B configures this system type in accordance with ANSI / RESNET / ACCA 310.</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>Therefore, the reference to non-electric warm furnaces in this line is no longer needed.</p> <p><b>Resolution:</b> Due to the updates made in Addendum B of ANSI / RESNET / ICC 301-2019, the reference to non-electric warm furnaces in relation to EAE is no longer needed and will be removed. The EAE line of the Heating Systems section in Exhibit 2 will be updated as follows: “For non-electric boilers, the Electric Auxiliary Energy shall be determined in accordance with the methodology for the Energy Rating Reference Home in ANSI / RESNET /ICC Std. 301.”</p>
01093	09/15/2022	National ERI Target Procedure (Version 3, Rev. 11)	Clarification	<p><b>Service Water Heating Systems Sections: No solar water heating included</b></p>
				<p><b>Issue:</b> The “Service Water Heating Systems” section specifies the required system type as “conventional storage water heater” but does not explicitly state that the water heater should not be configured with a solar component, even if one is present in the Rated home. Because of this ambiguity, developers of approved software rating tools may not configure this parameter consistently.</p>
				<p><b>Resolution:</b> To avoid confusion and prevent potential inconsistencies in how the Reference Design home is configured, the row for System Type in the “Service Water Heating Systems” section will be revised as follows: “Conventional storage water heater with no solar heating, with tank size equal to that of Rated Home, unless Rated Home uses instantaneous water heater in which case select 50 gallon tank for gas systems and 60 gallon tank for electric systems. Select applicable efficiency from below using tank size of Reference Home.”</p>
01186	09/15/2022	National ERI Target Procedure (Version 3, Rev. 11)	Change	<p><b>Exhibit 1 – Dehumidification system inputs</b></p>
				<p><b>Issue:</b> Currently, the ENERGY STAR Reference Design is configured with the same dehumidification system present in the Rated Home. This effectively means that dehumidifiers will neither help a home to achieve nor hinder a home from achieving the ENERGY STAR ERI Target. ANSI / RESNET / ICC 301-2019 Addendum B specifies for the first time how to configure dehumidification systems in the Energy Rating Reference Home. Partners have asked whether the ERI Target Procedure will be updated, such that homes using dehumidifiers can receive credit towards meeting the ENERGY STAR ERI Target.</p>
				<p><b>Resolution:</b> The ENERGY STAR ERI Target Procedures generally allow for Minimum Rated Features in ANSI / RESNET / ICC 301 to contribute towards the ENERGY STAR ERI Target.</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>Now that dehumidifiers have been added as a Minimum Rated Feature, they will be allowed to contribute, as well.</p> <p>In the current program requirements, a dehumidifier is not required to be included in a dwelling or dwelling unit and, in practice, dehumidifiers are only installed in a minority of homes. To avoid increasing the program stringency for those who choose to install a dehumidifier, it is more appropriate to make available a credit for more efficient products, rather than a penalty for entry-level products. Therefore, the ENERGY STAR ERI Target Procedures will be updated to align with the configuration in ANSI / RESNET / ICC 301. In future versions of the program, EPA can consider whether to update the ENERGY STAR Reference Design with more efficient dehumidifiers.</p> <p>To reflect this change, a new row will be added to Exhibit 1: Expanded ENERGY STAR Reference Design Definition to address dehumidification systems. The new row will read as follows:</p> <p>“Type, capacity, efficacy, and dehumidistat setpoint same as Energy Rating Reference Home, as defined by ANSI / RESNET / ICC 301, when dehumidification system is present in Rated home; otherwise none.”</p>
01182	09/15/2022	National ERI Target Procedure (Version 3, Rev. 11)	Clarification	<b>Exhibit 2 – 2009 IECC Climate Zone designations to be used</b>
				<b>Issue:</b> For improved consistency and clarity, a new Footnote will be added to specify which IECC Climate Zone designations are to be used to configure the ENERGY STAR Reference Design home for this version of the program requirements.
				<p><b>Resolution:</b> A new Footnote will be added, referenced wherever there is a mention of “Climate Zone”, as follows:</p> <p>“2009 IECC Climate Zone designations, as defined and illustrated in Section 301 of the code, shall be used to configure the ENERGY STAR Reference Design Home in National Version 3”.</p>
01203	11/10/2022	National ERI Target Procedure (Version 3, Rev. 12)	Change	<b>Exhibit 2 – ENERGY STAR Reference Design configured without on-site power</b>
				<b>Issue:</b> Partners have asked whether the ENERGY STAR Reference Design (ESRD) should be configured with On-Site Power Production (OPP) if such a system is present in the Rated Home. Because OPP is not one of the building components listed in the Expanded ENERGY STAR Reference Design Definition Exhibit and the document contains a footnote stating that “Any parameter not specified in this exhibit shall be identical to the value entered for the Rated Home”, one might infer that it is EPA’s intent for the ESRD to be configured with OPP.

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>Such a configuration would create unintended challenges because the related Program Requirements specify that “on-site power generation may not be used to meet the ENERGY STAR ERI Target”.</p> <p><b>Resolution:</b> It is not EPA’s intent to make the ENERGY STAR ERI Target more stringent in cases where the Rated Home has OPP. To align the ENERGY STAR ERI Target Procedure with EPA’s intent, a new row will be added to the end of the ENERGY STAR Reference Design Definition Exhibit with the Building Component listed as “On-Site Power Production” and the Definition listed as “None”.</p>
01129	09/15/2022	National ERI Target Procedure (Version 3.1, Rev. 11)	Change	<p><b>Exhibit 1 – ESRD configured with ASHP instead of GSHP in Climate Zones 7 and 8</b></p> <p><b>Issue:</b> The Expanded ENERGY STAR Reference Design currently specifies a Ground-Source Heat Pump (GSHP) in CZ 7 and CZ 8, as opposed to the Air-Source Heat Pump (ASHP) that is specified in CZ 6. This results in very stringent ENERGY STAR ERI targets for these locations.</p> <p>Historically, ASHP’s have not been used in CZ 7 and 8. That has changed in recent years with the advent of cold-climate heat pumps, which are capable of meeting heating loads at low temperatures. Despite the high efficiency of these systems, homes are not able to achieve the ENERGY STAR ERI targets because they are not as efficient as a GSHP.</p> <p>Partners have asked if the ENERGY STAR Reference Design could be updated to specify an ASHP rather than a GSHP. This would create ENERGY STAR ERI targets for these locations that are more in line with the targets in other climate zones.</p> <p><b>Resolution:</b> To create ENERGY STAR ERI Targets in CZ 7 and 8 that are more consistent with other Climate Zones, the Expanded ENERGY STAR Reference Design will be revised to specify a 9.2 HSPF / 16 SEER ASHP instead of a GSHP, within the Heating Systems and Cooling Systems sections. As a result, the rows for GSHP’s in these sections will be removed. In the Heating Systems section, the ‘System Type’ will be revised to read as follows:  “System Type: Same as Rated Home, except Reference Design shall be configured with air-source heat pump in CZ 1-6 where Rated Home is modeled with air-source or ground-source heat pump, electric strip heat, or electric baseboard heat; and Reference Design shall be configured with ground-source heat pump in CZ 7 &amp; 8 where Rated Home is modeled with air source or ground-source heat pump, electric strip heat, or electric baseboard heat; applicable efficiency selected from below.”</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				Finally, in the Cooling Systems section, the ‘System Type’ will be revised to read as follows: “System Type: Same as Rated Home, except Reference Design shall be configured with air-source heat pump in CZ 1-6 where Rated Home is modeled with air-source or ground-source heat pump, electric strip heat, or electric baseboard heat; and Reference Design shall be configured with ground-source heat pump in CZ 7 & 8 where Rated Home is modeled with air source or ground-source heat pump, electric strip heat, or electric baseboard heat; applicable efficiency selected from below.”
01204	11/10/2022	National ERI Target Procedure (Version 3.1, Rev. 12)	Change	<b>Exhibit 1 – ENERGY STAR Reference Design configured without on-site power</b>
				<b>Issue:</b> Partners have asked whether the ENERGY STAR Reference Design (ESRD) should be configured with On-Site Power Production (OPP) if such a system is present in the Rated Home. Because OPP is not one of the building components listed in the Expanded ENERGY STAR Reference Design Definition Exhibit and the document contains a footnote stating that “Any parameter not specified in this exhibit shall be identical to the value entered for the Rated Home”, one might infer that it is EPA’s intent for the ESRD to be configured with OPP.  Such a configuration would create unintended challenges because the related Program Requirements specify that “on-site power generation may not be used to meet the ENERGY STAR ERI Target”.
				<b>Resolution:</b> It is not EPA’s intent to make the ENERGY STAR ERI Target more stringent in cases where the Rated Home has OPP. To align the ENERGY STAR ERI Target Procedure with EPA’s intent, a new row will be added to the end of the ENERGY STAR Reference Design Definition Exhibit with the Building Component listed as “On-Site Power Production” and the Definition listed as “None”.
01141	09/15/2022	National ERI Target Procedure (Version 3.1, Rev. 11)	Refinement	<b>Exhibit 1 – Simplified formatting for thermal distribution system section</b>
				<b>Issue:</b> The layout used to define the Thermal Distribution System location mirrors that used in the National ERI Target Procedure, Version 3. This is true even though the logic is greatly simplified in the National ERI Target Procedure, Version 3.1, because all ducts are located in conditioned space. As a result, the formatting is unnecessarily complex.
				<b>Resolution:</b> The format used to define the Thermal Distribution System location will be simplified to a single sentence in Exhibit 1, as follows: “Supply and Return Duct Locations shall be 100% in conditioned space.”

## Current ENERGY STAR Single-Family New Homes Policy Record

01183	09/15/2022	National ERI Target Procedure (Version 3.1, Rev. 11)	Clarification	<b>Exhibit 1 – 2012 IECC Climate Zone designations to be used</b>
				<b>Issue:</b> For improved consistency and clarity, a new Footnote will be added to specify which IECC Climate Zone designations are to be used to configure the ENERGY STAR Reference Design home for this version of the program requirements.
				<b>Resolution:</b> A new Footnote will be added, referenced wherever there is a mention of “Climate Zone”, as follows: “2012 IECC Climate Zone designations, as defined and illustrated in Section R301 of the code, shall be used to configure the ENERGY STAR Reference Design Home in National Version 3.1”.
01187	09/15/2022	National ERI Target Procedure (Version 3.1, Rev. 11)	Change	<b>Exhibit 1 – Dehumidification system inputs</b>
				<b>Issue:</b> Currently, the ENERGY STAR Reference Design is configured with the same dehumidification system present in the Rated Home. This effectively means that dehumidifiers will neither help a home to achieve nor hinder a home from achieving the ENERGY STAR ERI Target.  ANSI / RESNET / ICC 301-2019 Addendum B specifies for the first time how to configure dehumidification systems in the Energy Rating Reference Home. Partners have asked whether the ERI Target Procedure will be updated, such that homes using dehumidifiers can receive credit towards meeting the ENERGY STAR ERI Target.
				<b>Resolution:</b> The ENERGY STAR ERI Target Procedures generally allow for Minimum Rated Features in ANSI / RESNET / ICC 301 to contribute towards the ENERGY STAR ERI Target. Now that dehumidifiers have been added as a Minimum Rated Feature, they will be allowed to contribute, as well.  In the current program requirements, a dehumidifier is not required to be included in a dwelling or dwelling unit and, in practice, dehumidifiers are only installed in a minority of homes. To avoid increasing the program stringency for those who choose to install a dehumidifier, it is more appropriate to make available a credit for more efficient products, rather than a penalty for entry-level products. Therefore, the ENERGY STAR ERI Target Procedures will be updated to align with the configuration in ANSI / RESNET / ICC 301. In future versions of the program, EPA can consider whether to update the ENERGY STAR Reference Design with more efficient dehumidifiers.

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>To reflect this change, a new row will be added to Exhibit 1: Expanded ENERGY STAR Reference Design Definition to address dehumidification systems. The new row will read as follows:</p> <p>“Type, capacity, efficacy, and dehumidistat setpoint same as Energy Rating Reference Home, as defined by ANSI / RESNET / ICC 301, when dehumidification system is present in Rated home; otherwise none.”</p>
01106	09/15/2022	National ERI Target Procedure (Version 3.1, Rev. 11)	Clarification	<p><b>Heating Systems Section: Remove reference to furnaces on EAE line</b></p>
				<p><b>Issue:</b> Currently, the Electric Auxiliary Energy (EAE) line of Exhibit 1: Heating Systems defines, in part, how to determine the Electric Auxiliary Energy (EAE) for non-electric warm furnaces. However, Addendum B of ANSI / RESNET / ICC 301-2019 reduced the system types that EAE applies to by removing non-electric furnaces. In lieu of such values, Addendum B configures this system type in accordance with ANSI / RESNET / ACCA 310.</p> <p>Therefore, the reference to non-electric warm furnaces in this line is no longer needed.</p>
				<p><b>Resolution:</b> Due to the updates made in Addendum B of ANSI / RESNET / ICC 301-2019, the reference to non-electric warm furnaces in relation to EAE is no longer needed and will be removed. The EAE line of the Heating Systems section in Exhibit 1 will be updated as follows:</p> <p>“For non-electric boilers, the Electric Auxiliary Energy shall be determined in accordance with the methodology for the Energy Rating Reference Home in ANSI / RESNET / ICC Std. 301.”</p>
01094	09/15/2022	National ERI Target Procedure (Version 3.1, Rev. 11)	Clarification	<p><b>Service Water Heating Systems: No solar water heating included</b></p>
				<p><b>Issue:</b> The “Service Water Heating Systems” section specifies the required system type as “conventional storage water heater” but does not explicitly state that the water heater should not be configured with a solar component, even if one is present in the Rated home. Because of this ambiguity, developers of approved software rating tools may not configure this parameter consistently.</p>
				<p><b>Resolution:</b> To avoid confusion and prevent potential inconsistencies in how the Reference Design home is configured, the row for System Type in the “Service Water Heating Systems” section will be revised as follows:</p> <p>“Conventional storage water heater with no solar heating, with tank size equal to that of Rated Home, unless Rated Home uses instantaneous water heater in which case select 50 gallon</p>



## Current ENERGY STAR Single-Family New Homes Policy Record

				tank for gas systems and 60 gallon tank for electric systems. Select applicable efficiency from below using tank size of Reference Home.”
01205	11/10/2022	National ERI Target Procedure (Version 3.2, Rev. 12)	Change	<b>Exhibit 1 – ENERGY STAR Reference Design configured without on-site power</b>
				<p><b>Issue:</b> Partners have asked whether the ENERGY STAR Reference Design (ESRD) should be configured with On-Site Power Production (OPP) if such a system is present in the Rated Home. Because OPP is not one of the building components listed in the Expanded ENERGY STAR Reference Design Definition Exhibit and the document contains a footnote stating that “Any parameter not specified in this exhibit shall be identical to the value entered for the Rated Home”, one might infer that it is EPA’s intent for the ESRD to be configured with OPP.</p> <p>Such a configuration would create unintended challenges because the related Program Requirements specify that “on-site power generation may not be used to meet the ENERGY STAR ERI Target”.</p>
				<p><b>Resolution:</b> It is not EPA’s intent to make the ENERGY STAR ERI Target more stringent in cases where the Rated Home has OPP. To align the ENERGY STAR ERI Target Procedure with EPA’s intent, a new row will be added to the end of the ENERGY STAR Reference Design Definition Exhibit with the Building Component listed as “On-Site Power Production” and the Definition listed as “None”.</p>
01188	09/15/2022	National ERI Target Procedure (Version 3.2, Rev. 11)	Change	<b>Exhibit 1 – Dehumidification system inputs</b>
				<p><b>Issue:</b> Currently, the ENERGY STAR Reference Design is configured with the same dehumidification system present in the Rated Home. This effectively means that dehumidifiers will neither help a home to achieve nor hinder a home from achieving the ENERGY STAR ERI Target.</p> <p>ANSI / RESNET / ICC 301-2019 Addendum B specifies for the first time how to configure dehumidification systems in the Energy Rating Reference Home. Partners have asked whether the ERI Target Procedure will be updated, such that homes using dehumidifiers can receive credit towards meeting the ENERGY STAR ERI Target.</p>
				<p><b>Resolution:</b> The ENERGY STAR ERI Target Procedures generally allow for Minimum Rated Features in ANSI / RESNET / ICC 301 to contribute towards the ENERGY STAR ERI Target. Now that dehumidifiers have been added as a Minimum Rated Feature, they will be allowed to contribute, as well.</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>In the current program requirements, a dehumidifier is not required to be included in a dwelling or dwelling unit and, in practice, dehumidifiers are only installed in a minority of homes. To avoid increasing the program stringency for those who choose to install a dehumidifier, it is more appropriate to make available a credit for more efficient products, rather than a penalty for entry-level products. Therefore, the ENERGY STAR ERI Target Procedures will be updated to align with the configuration in ANSI / RESNET / ICC 301. In future versions of the program, EPA can consider whether to update the ENERGY STAR Reference Design with more efficient dehumidifiers.</p> <p>To reflect this change, a new row will be added to Exhibit 1: Expanded ENERGY STAR Reference Design Definition to address dehumidification systems. The new row will read as follows:</p> <p>“Type, capacity, efficacy, and dehumidistat setpoint same as Energy Rating Reference Home, as defined by ANSI / RESNET / ICC 301, when dehumidification system is present in Rated home; otherwise none.”</p>
01119	09/15/2022	California Program Requirements (Version 3.2, Rev. 11)	Refinement	<p><b>Eligibility Requirements Section – Rephrasing for consistency</b></p>
				<p><b>Issue:</b> The phrasing of the eligibility requirements is inconsistent across program documents, potentially resulting in confusion.</p> <p><b>Resolution:</b> For improved consistency and clarity, the eligibility requirements will be rephrased as follows:</p> <p>“Site-built or modular Dwellings (e.g., single-family homes and duplexes) and Townhouses are eligible to <u>participate in</u> <del>earn</del> the ENERGY STAR <u>Single-Family New Homes (SFNH) program</u>.</p> <p>Dwelling Units in certain low-rise multifamily buildings are also eligible to <u>participate in</u> <del>earn</del> the ENERGY STAR <u>SFNH</u> <del>through this</del> program if permitted prior to July 1, 2021. See Footnote 4 for details.”</p> <p>In addition, the last sentence in Footnote 3 will be rephrased as follows:</p> <p>“Townhouses are also eligible to <u>participate in</u> <del>earn the ENERGY STAR through</del> the ENERGY STAR Multifamily New Construction Program.”</p> <p>And the first sentence in Footnote 4 will be rephrased as follows:</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>“If permitted prior to July 1, 2021, the following are also eligible to <u>participate in earn the ENERGY STAR</u> through the ENERGY STAR Single-Family New Homes program.”</p>
01147	09/15/2022	California Program Requirements (Version 3.2, Rev. 11)	Clarification	<p><b>Eligibility Requirements Section – Homes undergoing gut rehab eligible to participate</b></p>
				<p><b>Issue:</b> This program document does not clearly state that existing homes (e.g., homes undergoing a gut rehabilitation) are eligible to participate in the program. This intent has been conveyed through EPA’s website and in several alternative compliance options included in the Mandatory Requirements (e.g., National Water Management System Builder Requirements) but should be more clearly stated directly in the program requirements.</p>
				<p><b>Resolution:</b> The following sentence will be added to the Eligibility Requirements Section, and a new supplemental guidance document on this topic will be created and linked to via a new alias:   <u>“While primarily intended for new construction, existing homes (e.g., undergoing a gut rehabilitation) are also eligible to participate in the ENERGY STAR Single-Family New Homes program, with guidance available at: <a href="http://www.energystar.gov/GutRehabGuidance">www.energystar.gov/GutRehabGuidance</a>.”</u></p>
01199	09/15/2022	California Program Requirements (Version 3.2, Rev. 11)	Clarification	<p><b>ENERGY STAR Certification Process Section – Retention of documents for Track A</b></p>
				<p><b>Issue:</b> This Section currently states, in part, that the Rater is required to keep electronic or hard copies of the completed and signed National Rater checklists and the National HVAC Design Report.             However, with the introduction of Track A into the program requirements, the National HVAC Design Report will not be completed for every certified project. For projects certified using Track A, an HVAC design report compliant with ANSI / RESNET / ACCA / ICC 310, and the ENERGY STAR National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, must be collected for records. Only projects certified using Track B must collect the National HVAC Design Report.</p>
				<p><b>Resolution:</b> To clarify which documents must be retained when using Track A and Track B, this Section will be updated as follows:</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>“Finally, register the rated home with a CEC-approved HERS Provider. The Rater is required to keep electronic or hard copies of the completed and signed National Rater checklists and <u>either an HVAC design report compliant with ANSI / RESNET / ACCA / ICC 310, and the National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, for homes using Track A, or the National HVAC Design Report for homes using Track B.</u>”</p>
01125	09/15/2022	California Program Requirements (Version 3.2, Rev. 11)	Refinement	<p><b>Exhibit 1 – Addition of program name to mandatory requirements for clarity</b></p>
				<p><b>Issue:</b> This Exhibit contains the Mandatory Requirements that must be met for certification. Many of the document names referenced in this Exhibit (e.g., National Rater Field Checklist) are identical between the ENERGY STAR Single-Family New Homes (SFNH) program and ENERGY STAR Multifamily New Construction (MFNC) program, even though the requirements within the documents are program specific. Therefore, without specifying the program name, Partners may be confused about which requirements apply.</p>
				<p><b>Resolution:</b> For improved clarity, the applicable program name will be added to the Exhibit as follows:</p> <ul style="list-style-type: none"> <li>• Completion of <u>SFNH</u> National Rater Design Review Checklist, Version 3 / 3.1</li> <li>• Completion of <u>SFNH</u> National Rater Field Checklist, Version 3 / 3.1</li> <li>• Completion of <u>SFNH</u> National Water Management System Builder Requirements, Version 3 / 3.1</li> <li>• Completion of an HVAC design report compliant with ANSI / RESNET / ACCA Std. 310, plus the <u>ENERGY STAR SFNH / MFNC National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, All Versions</u></li> <li>• Completion of <u>SFNH</u> National HVAC Design Report, Version 3 / 3.1</li> <li>• Completion of <u>SFNH</u> National HVAC Commissioning Checklist, Version 3 / 3.1</li> </ul>
01209	11/10/2022	California Program Requirements (Version 3.2, Rev. 12)	Clarification	<p><b>Exhibit 2 – Implementation timeline does not change with enforcement of new edition of CA Building Energy Efficiency Standards (BEES)</b></p>
				<p><b>Issue:</b> Partners have asked whether the applicable Version and Revision changes for homes with a pre-existing plan approval date when an AHJ begins enforcing a new edition of the BEES within a tract.</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>For example, consider a tract that has a plan approval date of May 1, 2022, for which the 2019 edition of the BEES is enforced. The AHJ begins enforcing the 2022 edition of the BEES for homes in that tract that are permitted after January 1, 2023. Does the applicable Version and Revision change with enforcement of the new code?</p> <p><b>Resolution:</b> EPA recognizes that the current policy is ambiguous about which Version and Revision is applicable when an AHJ begins enforcing a new edition of the BEES within a tract, after initial plan approval. At this time, EPA is clarifying that the Version and Revision that is applicable to a tract does not change with the enforcement of a new edition of the BEES. While new editions of the BEES may trigger revisions to the plans, the original Plan Approval Date remains unchanged and is to be used to determine the applicable Version and Revision.</p> <p>With that said, EPA recognizes that the clarified policy may result in tracts being developed over an extended period of time that are not subjected to the latest Version of ENERGY STAR, even as codes continue to progress. For this reason, EPA intends to revisit how to define the implementation timeline for its California program requirements during the development of the next Version. At that time, EPA will also propose and seek partner feedback on revising the implementation timeline for Version 3.2 and 3.3 of its California program requirements.</p>
01174	09/15/2022	California Program Requirements (Version 3.2, Rev. 11)	Refinement	<p><b>Allowed use of ANSI / RESNET / ACCA Std. 310</b></p> <p><b>Issue:</b> Footnote 10 states, in part, that ANSI / RESNET / ACCA / ICC 310 shall not be used until an implementation schedule has been defined by the HCO that the home is being certified under. This restriction was necessary at the time the footnote was added because ANSI / RESNET / ACCA / ICC 310 was still being finalized and was not yet incorporated by reference into ANSI / RESNET / ICC 301. In addition, the one HCO approved at that time had to put training, reporting, and other components in place before the standard could be effectively used and overseen.</p> <p>At this time, ANSI / RESNET / ACCA / ICC 310 has been finalized and incorporated by reference into ANSI / RESNET / ICC 301. In addition, the one HCO that was approved at the time has put in place the necessary oversight structures for the new standard and defined an implementation date. Going forward, all HCO's will support the standard.</p> <p><b>Resolution:</b> As a result of these developments, the language in this Footnote can be streamlined as follows:</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>“Track A – HVAC Grading shall not be used until an implementation schedule has been defined for ANSI / RESNET / ACCA Std. 310 by the HCO that the home is being certified under. Track A – HVAC Grading shall then use ANSI / RESNET / ACCA Std. 310 including all Addenda and Normative Appendices, with new versions and Addenda implemented according to the schedule defined by the HCO that the home is being certified under.”</p>
01120	09/15/2022	California Program Requirements (Version 3.3, Rev. 11)	Refinement	<p><b>Eligibility Requirements Section – Rephrasing for consistency</b></p>
				<p><b>Issue:</b> The phrasing of the eligibility requirements is inconsistent across program documents, potentially resulting in confusion.</p>
				<p><b>Resolution:</b> For improved consistency and clarity, the eligibility requirements will be rephrased as follows:</p> <p>“Site-built or modular Dwellings (e.g., single-family homes and duplexes) and Townhouses are eligible to <u>participate in earn</u> the ENERGY STAR <u>Single-Family New Homes (SFNH) program</u>.</p> <p>In addition, the last sentence in Footnote 3 will be rephrased as follows:</p> <p>“Townhouses are also eligible to <u>participate in earn</u> the ENERGY STAR through the ENERGY STAR Multifamily New Construction Program.”</p>
01148	09/15/2022	California Program Requirements (Version 3.3, Rev. 11)	Clarification	<p><b>Eligibility Requirements Section – Homes undergoing gut rehab eligible to participate</b></p>
				<p><b>Issue:</b> This program document does not clearly state that existing homes (e.g., homes undergoing a gut rehabilitation) are eligible to participate in the program. This intent has been conveyed through EPA’s website and in several alternative compliance options included in the Mandatory Requirements (e.g., National Water Management System Builder Requirements) but should be more clearly stated directly in the program requirements.</p>
				<p><b>Resolution:</b> The following sentence will be added to the Eligibility Requirements Section, and a new supplemental guidance document on this topic will be created and linked to via a new alias:</p> <p><u>“While primarily intended for new construction, existing homes (e.g., undergoing a gut rehabilitation) are also eligible to participate in the ENERGY STAR Single-Family New Homes program, with guidance available at: <a href="http://www.energystar.gov/GutRehabGuidance">www.energystar.gov/GutRehabGuidance</a>.”</u></p>

## Current ENERGY STAR Single-Family New Homes Policy Record

01200	09/15/2022	California Program Requirements (Version 3.3, Rev. 11)	Clarification	<p><b>ENERGY STAR Certification Process Section – Retention of documents for Track A</b></p> <p><b>Issue:</b> This Section currently states, in part, that the Rater is required to keep electronic or hard copies of the completed and signed National Rater checklists and the National HVAC Design Report.</p> <p>However, with the introduction of Track A into the program requirements, the National HVAC Design Report will not be completed for every certified project. For projects certified using Track A, an HVAC design report compliant with ANSI / RESNET / ACCA / ICC 310, and the ENERGY STAR National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, must be collected for records. Only projects certified using Track B must collect the National HVAC Design Report.</p> <p><b>Resolution:</b> To clarify which documents must be retained when using Track A and Track B, this Section will be updated as follows:</p> <p>“Finally, submit the home to the HCO for final certification and follow the HCO’s certification and oversight procedures (e.g., quality assurance, recordkeeping, and reporting). The Rater is required to keep electronic or hard copies of the completed and signed National Rater checklists and <u>either an HVAC design report compliant with ANSI / RESNET / ACCA / ICC 310, and the National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, for homes using Track A, or the National HVAC Design Report for homes using Track B.</u>”</p>
01126	09/15/2022	California Program Requirements (Version 3.3, Rev. 11)	Refinement	<p><b>Exhibit 1 – Addition of program name to mandatory requirements for clarity</b></p> <p><b>Issue:</b> This Exhibit contains the Mandatory Requirements that must be met for certification. Many of the document names referenced in this Exhibit (e.g., National Rater Field Checklist) are identical between the ENERGY STAR Single-Family New Homes (SFNH) program and ENERGY STAR Multifamily New Construction (MFNC) program, even though the requirements within the documents are program specific. Therefore, without specifying the program name, Partners may be confused about which requirements apply.</p> <p><b>Resolution:</b> For improved clarity, the applicable program name will be added to the Exhibit as follows:</p> <ul style="list-style-type: none"> <li>• Completion of <u>SFNH</u> National Rater Design Review Checklist, Version 3 / 3.1</li> </ul>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<ul style="list-style-type: none"> <li>• Completion of <u>SFNH</u> National Rater Field Checklist, Version 3 / 3.1</li> <li>• Completion of <u>SFNH</u> National Water Management System Builder Requirements, Version 3 / 3.1</li> <li>• Completion of an HVAC design report compliant with ANSI / RESNET / ACCA Std. 310, plus the <u>ENERGY STAR SFNH / MFNC National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, All Versions</u></li> <li>• Completion of <u>SFNH</u> National HVAC Design Report, Version 3 / 3.1</li> <li>• Completion of <u>SFNH</u> National HVAC Commissioning Checklist, Version 3 / 3.1</li> </ul>
01210	11/10/2022	California Program Requirements (Version 3.3, Rev. 12)	Clarification	<b>Exhibit 2 – Implementation timeline does not change with enforcement of new edition of CA Building Energy Efficiency Standards (BEES)</b>
				<p><b>Issue:</b> Partners have asked whether the applicable Version and Revision changes for homes with a pre-existing plan approval date when an AHJ begins enforcing a new edition of the BEES within a tract.</p> <p>For example, consider a tract that has a plan approval date of May 1, 2022, for which the 2019 edition of the BEES is enforced. The AHJ begins enforcing the 2022 edition of the BEES for homes in that tract that are permitted after January 1, 2023. Does the applicable Version and Revision change with enforcement of the new code?</p>
				<p><b>Resolution:</b> EPA recognizes that the current policy is ambiguous about which Version and Revision is applicable when an AHJ begins enforcing a new edition of the BEES within a tract, after initial plan approval. At this time, EPA is clarifying that the Version and Revision that is applicable to a tract does not change with the enforcement of a new edition of the BEES. While new editions of the BEES may trigger revisions to the plans, the original Plan Approval Date remains unchanged and is to be used to determine the applicable Version and Revision.</p> <p>With that said, EPA recognizes that the clarified policy may result in tracts being developed over an extended period of time that are not subjected to the latest Version of ENERGY STAR, even as codes continue to progress. For this reason, EPA intends to revisit how to define the implementation timeline for its California program requirements during the development of the next Version. At that time, EPA will also propose and seek partner feedback on revising the implementation timeline for Version 3.2 and 3.3 of its California program requirements.</p>
01175	09/15/2022		Refinement	<b>Allowed use of ANSI / RESNET / ACCA Std. 310</b>



## Current ENERGY STAR Single-Family New Homes Policy Record

		<p><b>California Program Requirements (Version 3.3, Rev. 11)</b></p>		<p><b>Issue:</b> Footnote 9 states, in part, that ANSI / RESNET / ACCA / ICC 310 shall not be used until an implementation schedule has been defined by the HCO that the home is being certified under. This restriction was necessary at the time the footnote was added because ANSI / RESNET / ACCA / ICC 310 was still being finalized and was not yet incorporated by reference into ANSI / RESNET / ICC 301. In addition, the one HCO approved at that time had to put training, reporting, and other components in place before the standard could be effectively used and overseen.</p> <p>At this time, ANSI / RESNET / ACCA / ICC 310 has been finalized and incorporated by reference into ANSI / RESNET / ICC 301. In addition, the one HCO that was approved at the time has put in place the necessary oversight structures for the new standard and defined an implementation date. Going forward, all HCO's will support the standard.</p> <p><b>Resolution:</b> As a result of these developments, the language in this Footnote can be streamlined as follows:</p> <p>“Track A – HVAC Grading shall not be used until an implementation schedule has been defined for ANSI / RESNET / ACCA Std. 310 by the HCO that the home is being certified under. Track A – HVAC Grading shall then use ANSI / RESNET / ACCA Std. 310 including all Addenda and Normative Appendices, with new versions and Addenda implemented according to the schedule defined by the HCO that the home is being certified under.”</p>
01115	09/15/2022	<p><b>Florida Program Requirements (Version 3.1, Rev. 11)</b></p>	Refinement	<p><b>Eligibility Requirements Section – Rephrasing for consistency</b></p> <p><b>Issue:</b> The phrasing of the eligibility requirements is inconsistent across program documents, potentially resulting in confusion.</p> <p><b>Resolution:</b> For improved consistency and clarity, the eligibility requirements will be rephrased as follows:</p> <p>“Site-built or modular Dwellings (e.g., single-family homes and duplexes) and Townhouses are eligible to <u>participate in</u> <del>earn</del> the ENERGY STAR <u>Single-Family New Homes (SFNH) program</u>.</p> <p>Dwelling Units in certain low-rise multifamily buildings are also eligible to <u>participate in</u> <del>earn</del> the ENERGY STAR <u>SFNH</u> <del>through this</del> program if permitted prior to July 1, 2021. See Footnote 4 for details.”</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>In addition, the last sentence in Footnote 3 will be rephrased as follows:</p> <p>“Townhouses are also eligible to <u>participate in</u> <del>earn the ENERGY STAR through the ENERGY STAR Multifamily New Construction Program.</del>”</p> <p>And the first sentence in Footnote 4 will be rephrased as follows:</p> <p>“If permitted prior to July 1, 2021, the following are also eligible to <u>participate in</u> <del>earn the ENERGY STAR through the ENERGY STAR Single-Family New Homes program.</del>”</p>
01145	09/15/2022	Florida Program Requirements (Version 3.1, Rev. 11)	Clarification	<b>Eligibility Requirements Section – Homes undergoing gut rehab eligible to participate</b>
				<p><b>Issue:</b> This program document does not clearly state that existing homes (e.g., homes undergoing a gut rehabilitation) are eligible to participate in the program. This intent has been conveyed through EPA’s website and in several alternative compliance options included in the Mandatory Requirements (e.g., National Water Management System Builder Requirements) but should be more clearly stated directly in the program requirements.</p>
				<p><b>Resolution:</b> The following sentence will be added to the Eligibility Requirements Section, and a new supplemental guidance document on this topic will be created and linked to via a new alias:</p> <p>“<u>While primarily intended for new construction, existing homes (e.g., undergoing a gut rehabilitation) are also eligible to participate in the ENERGY STAR Single-Family New Homes program, with guidance available at: <a href="http://www.energystar.gov/GutRehabGuidance">www.energystar.gov/GutRehabGuidance</a>.</u>”</p>
01100	09/15/2022	Florida Program Requirements (Version 3.1, Rev.11)	Refinement	<b>Updated URL path to training requirements</b>
				<p><b>Issue:</b> The link “<a href="http://www.energystar.gov/newhomestraining">www.energystar.gov/newhomestraining</a>” in the “Partnership, Training, and Credentialing Requirements” section is coded to lead to the Energy Rating Companies webpage. However, the URL does not match the text of the link, which may cause confusion.</p>
				<p><b>Resolution:</b> The URL for the link “<a href="http://www.energystar.gov/newhomestraining">www.energystar.gov/newhomestraining</a>” in the “Partnership, Training, and Credentialing Requirements” section will be updated so that it matches the text of the link.</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

01157	09/15/2022	Florida Program Requirements (Version 3.1, Rev. 11)	Clarification	<p><b>Partnership, Training, and Credentialing Requirements Section – Energy Rating Companies must operate under a Home Certification Organization</b></p> <p><b>Issue:</b> While implied, the Partnership, Training, and Credentialing Requirements Section does not explicitly state that Energy Rating Companies must operate under a Home Certification Organization (HCO).</p> <p><b>Resolution:</b> To remove any ambiguity, this Section will be updated as follows:</p> <ul style="list-style-type: none"> <li>• “Energy Rating Companies (e.g., rater companies and Providers) are required to sign an ENERGY STAR Partnership Agreement, which can be found at <a href="http://www.energystar.gov/homesPA">www.energystar.gov/homesPA</a>, and <u>operate under a Home Certification Organization (HCO)</u>. Learn more and find a current list of HCOs at <a href="http://www.energystar.gov/hco">www.energystar.gov/hco</a>.</li> <li>• <u>[Line break added]</u> Raters are required to complete EPA-recognized training, which can be found at <a href="http://www.energystar.gov/newhomestraining">www.energystar.gov/newhomestraining</a>.”.</li> </ul>
01087	09/15/2022	Florida Program Requirements (Version 3.1, Rev. 11)	Clarification	<p><b>Step 4 – Raters must be operating under an HCO when completing verification step</b></p> <p><b>Issue:</b> In Step 4 of the ENERGY STAR Certification Process for Florida section, project teams are directed to follow the Home Certification Organization (HCO)’s certification and oversight procedures, but it is not explicitly stated that Raters must operate under HCO oversight for the entirety of the verification process.</p> <p><b>Resolution:</b> To clarify the intended requirement that Raters must operate under HCO oversight for the entirety of the verification process, the first sentence of Step 4 of the ENERGY STAR Certification Process for Florida will be revised as follows:</p> <p>“Using a Rater operating under an HCO, verify that all requirements have been met in accordance with the Mandatory Requirements for All Certified Homes and with the inspection procedures for minimum rated features in ANSI / RESNET / ICC 301, Appendix B...”</p>
01197	09/15/2022		Clarification	<p><b>ENERGY STAR Certification Process Section – Retention of documents for Track A</b></p>

## Current ENERGY STAR Single-Family New Homes Policy Record

		<b>Florida Program Requirements (Version 3.1, Rev. 11)</b>		<p><b>Issue:</b> This Section currently states, in part, that the Rater is required to keep electronic or hard copies of the completed and signed National Rater checklists and the National HVAC Design Report.</p> <p>However, with the introduction of Track A into the program requirements, the National HVAC Design Report will not be completed for every certified project. For projects certified using Track A, an HVAC design report compliant with ANSI / RESNET / ACCA / ICC 310, and the ENERGY STAR National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, must be collected for records. Only projects certified using Track B must collect the National HVAC Design Report.</p>
				<p><b>Resolution:</b> To clarify which documents must be retained when using Track A and Track B, this Section will be updated as follows:</p> <p>“Finally, submit the home to the HCO for final certification and follow the HCO’s certification and oversight procedures (e.g., quality assurance, recordkeeping, and reporting). The Rater is required to keep electronic or hard copies of the completed and signed National Rater checklists and <u>either an HVAC design report compliant with ANSI / RESNET / ACCA / ICC 310, and the National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, for homes using Track A, or the National HVAC Design Report for homes using Track B.</u>”</p>
01123	09/15/2022	<b>Florida Program Requirements (Version 3.1, Rev. 11)</b>	<b>Refinement</b>	<p><b>Exhibit 2 – Addition of program name to mandatory requirements for clarity</b></p> <p><b>Issue:</b> This Exhibit contains the Mandatory Requirements that must be met for certification. Many of the document names referenced in this Exhibit (e.g., National Rater Field Checklist) are identical between the ENERGY STAR Single-Family New Homes (SFNH) program and ENERGY STAR Multifamily New Construction (MFNC) program, even though the requirements within the documents are program specific. Therefore, without specifying the program name, Partners may be confused about which requirements apply.</p> <p><b>Resolution:</b> For improved clarity, the applicable program name will be added to the Exhibit as follows:</p> <ul style="list-style-type: none"> <li>• Completion of <u>SFNH</u> National Rater Design Review Checklist, Version 3 / 3.1</li> <li>• Completion of <u>SFNH</u> National Rater Field Checklist, Version 3 / 3.1</li> </ul>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<ul style="list-style-type: none"> <li>• Completion of <u>SFNH</u> National Water Management System Builder Requirements, Version 3 / 3.1</li> <li>• Completion of an HVAC design report compliant with ANSI / RESNET / ACCA Std. 310, plus the <del>ENERGY STAR</del> <u>SFNH / MFNC National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, All Versions</u></li> <li>• Completion of <u>SFNH</u> National HVAC Design Report, Version 3 / 3.1</li> <li>• Completion of <u>SFNH</u> National HVAC Commissioning Checklist, Version 3 / 3.1</li> </ul>
01176	09/15/2022	Florida Program Requirements (Version 3.1, Rev. 11)	Refinement	<b>Allowed use of ANSI / RESNET / ACCA Std. 310</b>
				<p><b>Issue:</b> Footnote 12 states, in part, that ANSI / RESNET / ACCA / ICC 310 shall not be used until an implementation schedule has been defined by the HCO that the home is being certified under. This restriction was necessary at the time the footnote was added because ANSI / RESNET / ACCA / ICC 310 was still being finalized and was not yet incorporated by reference into ANSI / RESNET / ICC 301. In addition, the one HCO approved at that time had to put training, reporting, and other components in place before the standard could be effectively used and overseen.</p> <p>At this time, ANSI / RESNET / ACCA / ICC 310 has been finalized and incorporated by reference into ANSI / RESNET / ICC 301. In addition, the one HCO that was approved at the time has put in place the necessary oversight structures for the new standard and defined an implementation date. Going forward, all HCO's will support the standard.</p>
				<p><b>Resolution:</b> As a result of these developments, the language in this Footnote can be streamlined as follows:</p> <p>“Track A – HVAC Grading shall not be used until an implementation schedule has been defined for ANSI / RESNET / ACCA Std. 310 by the HCO that the home is being certified under. Track A – HVAC Grading shall then use ANSI / RESNET / ACCA Std. 310 including all Addenda and Normative Appendices, with new versions and Addenda implemented according to the schedule defined by the HCO that the home is being certified under.”</p>
01068	07/01/2021	Florida Program Requirements (Version 3.1, Rev. 11)	Comment	<b>Continued implementation of Florida Version 3.1 in Florida</b>
				<p><b>Issue:</b> Partners have questioned whether a new Version of the program requirements will be developed in response to the latest version of Florida's residential building energy code. This code, with an effective date of 12/31/2020, incorporates the 2018 IECC with amendments.</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p><b>Resolution:</b> The new code was determined to be less stringent than the 2018 IECC, and Florida Version 3.1 was determined to offer meaningful savings over the new code. Because Florida Version 3.1 continues to offer meaningful savings over Florida’s new residential building energy code, it will continue to be implemented. Additionally, per Policy Record Entry 00944, homes in Florida will continue to be permitted to be certified under the National Version 3.1 program requirements, in addition to the Florida Version 3.1 program requirements. A new version will not be implemented in Florida until another state-level code update occurs or until EPA defines a new nationwide Version.</p>
01207	11/10/2022	Florida ERI Target Procedure (Version 3.1, Rev. 12)	Change	<p><b>Exhibit 1 – ENERGY STAR Reference Design configured without on-site power</b></p>
				<p><b>Issue:</b> Partners have asked whether the ENERGY STAR Reference Design (ESRD) should be configured with On-Site Power Production (OPP) if such a system is present in the Rated Home. Because OPP is not one of the building components listed in the Expanded ENERGY STAR Reference Design Definition Exhibit and the document contains a footnote stating that “Any parameter not specified in this exhibit shall be identical to the value entered for the Rated Home”, one might infer that it is EPA’s intent for the ESRD to be configured with OPP.</p> <p>Such a configuration would create unintended challenges because the related Program Requirements specify that “on-site power generation may not be used to meet the ENERGY STAR ERI Target”.</p>
				<p><b>Resolution:</b> It is not EPA’s intent to make the ENERGY STAR ERI Target more stringent in cases where the Rated Home has OPP. To align the ENERGY STAR ERI Target Procedure with EPA’s intent, a new row will be added to the end of the ENERGY STAR Reference Design Definition Exhibit with the Building Component listed as “On-Site Power Production” and the Definition listed as “None”.</p>
01097	09/15/2022	Florida ERI Target Procedure (Version 3.1, Rev. 11)	Refinement	<p><b>Exhibit 1 – Removal of non-applicable ground-source heat pump row</b></p>
				<p><b>Issue:</b> The Cooling Systems section of Exhibit 1 currently lists “Ground-Source Heat Pump EER” with only an “n/a” because it is not applicable to the reference design for homes in Florida.</p>
				<p><b>Resolution:</b> For conciseness and clarity, the “Ground-Source Heat Pump EER” row in the Cooling Systems section will be deleted.</p>
01142	09/15/2022	Florida ERI Target Procedure	Refinement	<p><b>Exhibit 1 – Simplified formatting for thermal distribution system section</b></p>
				<p><b>Issue:</b> The layout used to define the Thermal Distribution System location mirrors that used in the National ERI Target Procedure, Version 3. This is true even though the logic is greatly</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

		(Version 3.1, Rev. 11)		<p>simplified in the Florida ERI Target Procedure, Version 3.1, because all ducts are located in conditioned space. As a result, the formatting is unnecessarily complex.</p> <p><b>Resolution:</b> The format used to define the Thermal Distribution System location will be simplified to a single sentence in Exhibit 1, as follows: “Supply and Return Duct Locations shall be 100% in conditioned space.”</p>
01189	09/15/2022	Florida ERI Target Procedure (Version 3.1, Rev. 11)	Change	<p><b>Exhibit 1 – Dehumidification system inputs</b></p> <p><b>Issue:</b> Currently, the ENERGY STAR Reference Design is configured with the same dehumidification system present in the Rated Home. This effectively means that dehumidifiers will neither help a home to achieve nor hinder a home from achieving the ENERGY STAR ERI Target.</p> <p>ANSI / RESNET / ICC 301-2019 Addendum B specifies for the first time how to configure dehumidification systems in the Energy Rating Reference Home. Partners have asked whether the ERI Target Procedure will be updated, such that homes using dehumidifiers can receive credit towards meeting the ENERGY STAR ERI Target.</p> <p><b>Resolution:</b> The ENERGY STAR ERI Target Procedures generally allow for Minimum Rated Features in ANSI / RESNET / ICC 301 to contribute towards the ENERGY STAR ERI Target. Now that dehumidifiers have been added as a Minimum Rated Feature, they will be allowed to contribute, as well.</p> <p>In the current program requirements, a dehumidifier is not required to be included in a dwelling or dwelling unit and, in practice, dehumidifiers are only installed in a minority of homes. To avoid increasing the program stringency for those who choose to install a dehumidifier, it is more appropriate to make available a credit for more efficient products, rather than a penalty for entry-level products. Therefore, the ENERGY STAR ERI Target Procedures will be updated to align with the configuration in ANSI / RESNET / ICC 301. In future versions of the program, EPA can consider whether to update the ENERGY STAR Reference Design with more efficient dehumidifiers.</p> <p>To reflect this change, a new row will be added to Exhibit 1: Expanded ENERGY STAR Reference Design Definition for the State of Florida to address dehumidification systems. The new row will read as follows:</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				“Type, capacity, efficacy, and dehumidistat setpoint same as Energy Rating Reference Home, as defined by ANSI / RESNET / ICC 301, when dehumidification system is present in Rated home; otherwise none.”
01107	09/15/2022	Florida ERI Target Procedure (Version 3.1, Rev. 11)	Clarification	<b>Heating Systems Section: Remove reference to furnaces on EAE line</b>
				<b>Issue:</b> Currently, the Electric Auxiliary Energy (EAE) line of Exhibit 1: Heating Systems defines, in part, how to determine the Electric Auxiliary Energy (EAE) for non-electric warm furnaces. However, Addendum B of ANSI / RESNET / ICC 301-2019 reduced the system types that EAE applies to by removing non-electric furnaces. In lieu of such values, Addendum B configures this system type in accordance with ANSI / RESNET / ACCA 310. Therefore, the reference to non-electric warm furnaces in this line is no longer needed.
				<b>Resolution:</b> Due to the updates made in Addendum B of ANSI / RESNET / ICC 301-2019, the reference to non-electric warm furnaces in relation to EAE is no longer needed and will be removed. The EAE line of the Heating Systems section in Exhibit 1 will be updated as follows: “For non-electric boilers, the Electric Auxiliary Energy shall be determined in accordance with the methodology for the Energy Rating Reference Home in ANSI / RESNET /ICC Std. 301.”
01095	09/15/2022	Florida ERI Target Procedure (Version 3.1, Rev. 11)	Clarification	<b>Service Water Heating Systems: No solar water heating included</b>
				<b>Issue:</b> The “Service Water Heating Systems” section specifies the required system type as “conventional storage water heater” but does not explicitly state that the water heater should not be configured with a solar component, even if one is present in the Rated home. Because of this ambiguity, developers of approved software rating tools may not configure this parameter consistently.
				<b>Resolution:</b> To avoid confusion and prevent potential inconsistencies in how the Reference Design home is configured, the row for System Type in the “Service Water Heating Systems” section will be revised as follows: “Conventional storage water heater with no solar heating, with tank size equal to that of Rated Home, unless Rated Home uses instantaneous water heater in which case select 50 gallon tank for gas systems and 60 gallon tank for electric systems. Select applicable efficiency from below using tank size of Reference Home.”
01116	09/15/2022		Refinement	<b>Eligibility Requirements Section – Rephrasing for consistency</b>



## Current ENERGY STAR Single-Family New Homes Policy Record

		<b>Oregon and Washington Program Requirements (Version 3.2, Rev. 11)</b>		<p><b>Issue:</b> The phrasing of the eligibility requirements is inconsistent across program documents, potentially resulting in confusion.</p> <p><b>Resolution:</b> For improved consistency and clarity, the eligibility requirements will be rephrased as follows:</p> <p>“Site-built or modular Dwellings (e.g., single-family homes and duplexes) and Townhouses are eligible to <u>participate in</u> <del>earn</del> the ENERGY STAR <u>Single-Family New Homes (SFNH) program</u>.</p> <p>Dwelling Units in certain low-rise multifamily buildings are also eligible to <u>participate in</u> <del>earn</del> the ENERGY STAR <u>SFNH</u> <del>through this</del> program if permitted prior to July 1, 2021. See Footnote 4 for details.”</p> <p>In addition, the last sentence in Footnote 3 will be rephrased as follows:</p> <p>“Townhouses are also eligible to <u>participate in</u> <del>earn the ENERGY STAR through</del> the ENERGY STAR Multifamily New Construction Program.”</p> <p>And the first sentence in Footnote 4 will be rephrased as follows:</p> <p>“If permitted prior to July 1, 2021, the following are also eligible to <u>participate in</u> <del>earn the ENERGY STAR through</del> the ENERGY STAR Single-Family New Homes program.”</p>
01146	09/15/2022	<b>Oregon and Washington Program Requirements (Version 3.2, Rev. 11)</b>	<b>Clarification</b>	<p><b>Eligibility Requirements Section – Homes undergoing gut rehab eligible to participate</b></p> <p><b>Issue:</b> This program document does not clearly state that existing homes (e.g., homes undergoing a gut rehabilitation) are eligible to participate in the program. This intent has been conveyed through EPA’s website and in several alternative compliance options included in the Mandatory Requirements (e.g., National Water Management System Builder Requirements) but should be more clearly stated directly in the program requirements.</p> <p><b>Resolution:</b> The following sentence will be added to the Eligibility Requirements Section, and a new supplemental guidance document on this topic will be created and linked to via a new alias:</p> <p>“<u>While primarily intended for new construction, existing homes (e.g., undergoing a gut rehabilitation) are also eligible to participate in the ENERGY STAR Single-Family New Homes program, with guidance available at: <a href="http://www.energystar.gov/GutRehabGuidance">www.energystar.gov/GutRehabGuidance</a>.</u>”</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

01158	09/15/2022	Oregon and Washington Program Requirements (Version 3.2, Rev. 11)	Clarification	<p><b>Partnership, Training, and Credentialing Requirements Section – Energy Rating Companies must operate under a Home Certification Organization</b></p> <p><b>Issue:</b> While implied, the Partnership, Training, and Credentialing Requirements Section does not explicitly state that Energy Rating Companies must operate under a Home Certification Organization (HCO).</p> <p><b>Resolution:</b> To remove any ambiguity, this Section will be updated as follows:</p> <ul style="list-style-type: none"> <li>• “Energy Rating Companies (e.g., rater companies and Providers) are required to sign an ENERGY STAR Partnership Agreement, which can be found at <a href="http://www.energystar.gov/homesPA">www.energystar.gov/homesPA</a>, and <u>operate under a Home Certification Organization (HCO)</u>. Learn more and find a current list of HCOs at <a href="http://www.energystar.gov/hco">www.energystar.gov/hco</a>.</li> <li>• <u>[Line break added]</u> Raters are required to complete EPA-recognized training, which can be found at <a href="http://www.energystar.gov/newhomestraining">www.energystar.gov/newhomestraining</a>.”.</li> </ul>
01085	09/15/2022	Oregon and Washington Program Requirements (Version 3.2, Rev. 11)	Clarification	<p><b>Step 4 – Raters must be operating under an HCO when completing verification step</b></p> <p><b>Issue:</b> In Step 4 of the ENERGY STAR Certification Process section, project teams are directed to follow the Home Certification Organization (HCO)’s certification and oversight procedures, but it is not explicitly stated that Raters must operate under HCO oversight for the entirety of the verification process.</p> <p><b>Resolution:</b> To clarify the intended requirement that Raters must operate under HCO oversight for the entirety of the verification process, the first sentence of Step 4 of the ENERGY STAR Certification Process will be revised as follows:</p> <p>“Using a Rater operating under an HCO, verify that all requirements have been met in accordance with the Mandatory Requirements for All Certified Homes and with the inspection procedures for minimum rated features in ANSI / RESNET / ICC 301, Appendix B...”</p>
01198	09/15/2022		Clarification	<p><b>ENERGY STAR Certification Process Section – Retention of documents for Track A</b></p>

## Current ENERGY STAR Single-Family New Homes Policy Record

		<b>Oregon and Washington Program Requirements (Version 3.2, Rev. 11)</b>		<p><b>Issue:</b> This Section currently states, in part, that the Rater is required to keep electronic or hard copies of the completed and signed National Rater checklists and the National HVAC Design Report.</p> <p>However, with the introduction of Track A into the program requirements, the National HVAC Design Report will not be completed for every certified project. For projects certified using Track A, an HVAC design report compliant with ANSI / RESNET / ACCA / ICC 310, and the ENERGY STAR National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, must be collected for records. Only projects certified using Track B must collect the National HVAC Design Report.</p>
				<p><b>Resolution:</b> To clarify which documents must be retained when using Track A and Track B, this Section will be updated as follows:</p> <p>“Finally, submit the home to the HCO for final certification and follow the HCO’s certification and oversight procedures (e.g., quality assurance, recordkeeping, and reporting). The Rater is required to keep electronic or hard copies of the completed and signed National Rater checklists and <u>either an HVAC design report compliant with ANSI / RESNET / ACCA / ICC 310, and the National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, for homes using Track A, or the National HVAC Design Report for homes using Track B.</u>”</p>
<b>01184</b>	<b>09/15/2022</b>	<b>Oregon and Washington Program Requirements (Version 3.2, Rev. 11)</b>	<b>Clarification</b>	<p><b>Exhibit 1 – 2012 IECC Climate Zone designations to be used</b></p> <p><b>Issue:</b> For improved consistency and clarity, Footnote 12 will be revised to specify which IECC Climate Zone designations are used to configure the ENERGY STAR Reference Design home for this version of the program requirements.</p> <p><b>Resolution:</b> Footnote 12 will be revised as follows:</p> <p>“2012 IECC Climate Zone designations, as defined and illustrated in Section R301 of the code, are used to configure the ENERGY STAR Reference Design Home”.</p>
<b>01124</b>	<b>09/15/2022</b>	<b>Oregon and Washington</b>	<b>Refinement</b>	<p><b>Exhibit 2 – Addition of program name to mandatory requirements for clarity</b></p> <p><b>Issue:</b> This Exhibit contains the Mandatory Requirements that must be met for certification. Many of the document names referenced in this Exhibit (e.g., National Rater Field Checklist)</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

		<b>Program Requirements (Version 3.2, Rev. 11)</b>		<p>are identical between the ENERGY STAR Single-Family New Homes (SFNH) program and ENERGY STAR Multifamily New Construction (MFNC) program, even though the requirements within the documents are program specific. Therefore, without specifying the program name, Partners may be confused about which requirements apply.</p> <p><b>Resolution:</b> For improved clarity, the applicable program name will be added to the Exhibit as follows:</p> <ul style="list-style-type: none"> <li>• Completion of <u>SFNH</u> National Rater Design Review Checklist, Version 3 / 3.1</li> <li>• Completion of <u>SFNH</u> National Rater Field Checklist, Version 3 / 3.1</li> <li>• Completion of <u>SFNH</u> National Water Management System Builder Requirements, Version 3 / 3.1</li> <li>• Completion of an HVAC design report compliant with ANSI / RESNET / ACCA Std. 310, plus the <del>ENERGY STAR</del> <u>SFNH / MFNC National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, All Versions</u></li> <li>• Completion of <u>SFNH</u> National HVAC Design Report, Version 3 / 3.1</li> <li>• Completion of <u>SFNH</u> National HVAC Commissioning Checklist, Version 3 / 3.1</li> </ul>
01177	09/15/2022	<b>Oregon and Washington Program Requirements (Version 3.2, Rev. 11)</b>	<b>Refinement</b>	<p><b>Allowed use of ANSI / RESNET / ACCA Std. 310</b></p> <p><b>Issue:</b> Footnote 13 states, in part, that ANSI / RESNET / ACCA / ICC 310 shall not be used until an implementation schedule has been defined by the HCO that the home is being certified under. This restriction was necessary at the time the footnote was added because ANSI / RESNET / ACCA / ICC 310 was still being finalized and was not yet incorporated by reference into ANSI / RESNET / ICC 301. In addition, the one HCO approved at that time had to put training, reporting, and other components in place before the standard could be effectively used and overseen.</p> <p>At this time, ANSI / RESNET / ACCA / ICC 310 has been finalized and incorporated by reference into ANSI / RESNET / ICC 301. In addition, the one HCO that was approved at the time has put in place the necessary oversight structures for the new standard and defined an implementation date. Going forward, all HCO's will support the standard.</p> <p><b>Resolution:</b> As a result of these developments, the language in this Footnote can be streamlined as follows:</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				“Track A – HVAC Grading shall not be used until an implementation schedule has been defined for ANSI / RESNET / ACCA Std. 310 by the HCO that the home is being certified under. Track A – HVAC Grading shall then use ANSI / RESNET / ACCA Std. 310 including all Addenda and Normative Appendices, with new versions and Addenda implemented according to the schedule defined by the HCO that the home is being certified under.”
01208	11/10/2022	Oregon and Washington ERI Target Procedure (Version 3.2, Rev. 12)	Change	<b>Exhibit 1 – ENERGY STAR Reference Design configured without on-site power</b>
				<p><b>Issue:</b> Partners have asked whether the ENERGY STAR Reference Design (ESRD) should be configured with On-Site Power Production (OPP) if such a system is present in the Rated Home. Because OPP is not one of the building components listed in the Expanded ENERGY STAR Reference Design Definition Exhibit and the document contains a footnote stating that “Any parameter not specified in this exhibit shall be identical to the value entered for the Rated Home”, one might infer that it is EPA’s intent for the ESRD to be configured with OPP.</p> <p>Such a configuration would create unintended challenges because the related Program Requirements specify that “on-site power generation may not be used to meet the ENERGY STAR ERI Target”.</p>
				<p><b>Resolution:</b> It is not EPA’s intent to make the ENERGY STAR ERI Target more stringent in cases where the Rated Home has OPP. To align the ENERGY STAR ERI Target Procedure with EPA’s intent, a new row will be added to the end of the ENERGY STAR Reference Design Definition Exhibit with the Building Component listed as “On-Site Power Production” and the Definition listed as “None”.</p>
01098	09/15/2022	Oregon and Washington ERI Target Procedure (Version 3.2, Rev. 11)	Refinement	<b>Exhibit 1 – Removal of non-applicable ground-source heat pump rows</b>
				<p><b>Issue:</b> The Heating Systems and Cooling Systems sections of Exhibit 1 currently list “Ground-Source Heat Pump COP” and “Ground-Source Heat Pump EER”, respectively, with only an “n/a” because they are not applicable to the reference design for homes in Oregon and Washington.</p>
				<p><b>Resolution:</b> For conciseness and clarity, the “Ground-Source Heat Pump COP” and “Ground-Source Heat Pump EER” rows in the Heating Systems and Cooling Systems sections will be deleted.</p>
01185	09/15/2022	Oregon and	Clarification	<b>Exhibit 1 – 2012 IECC Climate Zone designations to be used</b>

## Current ENERGY STAR Single-Family New Homes Policy Record

		Washington ERI Target Procedure (Version 3.2, Rev. 11)		<p><b>Issue:</b> For improved consistency and clarity, a new Footnote will be added to specify which IECC Climate Zone designations are to be used to configure the ENERGY STAR Reference Design home for this version of the program requirements.</p> <p><b>Resolution:</b> A new Footnote will be added, referenced wherever there is a mention of “Climate Zone”, as follows:  “2012 IECC Climate Zone designations, as defined and illustrated in Section R301 of the code, shall be used to configure the ENERGY STAR Reference Design Home in Oregon and Washington Version 3.2”.</p>
01190	09/15/2022	Oregon and Washington ERI Target Procedure (Version 3.2, Rev. 11)	Change	<p><b>Exhibit 1 – Dehumidification system inputs</b></p> <p><b>Issue:</b> Currently, the ENERGY STAR Reference Design is configured with the same dehumidification system present in the Rated Home. This effectively means that dehumidifiers will neither help a home to achieve nor hinder a home from achieving the ENERGY STAR ERI Target.</p> <p>ANSI / RESNET / ICC 301-2019 Addendum B specifies for the first time how to configure dehumidification systems in the Energy Rating Reference Home. Partners have asked whether the ERI Target Procedure will be updated, such that homes using dehumidifiers can receive credit towards meeting the ENERGY STAR ERI Target.</p> <p><b>Resolution:</b> The ENERGY STAR ERI Target Procedures generally allow for Minimum Rated Features in ANSI / RESNET / ICC 301 to contribute towards the ENERGY STAR ERI Target. Now that dehumidifiers have been added as a Minimum Rated Feature, they will be allowed to contribute, as well.</p> <p>In the current program requirements, a dehumidifier is not required to be included in a dwelling or dwelling unit and, in practice, dehumidifiers are only installed in a minority of homes. To avoid increasing the program stringency for those who choose to install a dehumidifier, it is more appropriate to make available a credit for more efficient products, rather than a penalty for entry-level products. Therefore, the ENERGY STAR ERI Target Procedures will be updated to align with the configuration in ANSI / RESNET / ICC 301. In future versions of the program, EPA can consider whether to update the ENERGY STAR Reference Design with more efficient dehumidifiers.</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>To reflect this change, a new row will be added to Exhibit 1: Expanded ENERGY STAR Reference Design Definition for the States of Oregon and Washington to address dehumidification systems. The new row will read as follows:</p> <p>“Type, capacity, efficacy, and dehumidistat setpoint same as Energy Rating Reference Home, as defined by ANSI / RESNET / ICC 301, when dehumidification system is present in Rated home; otherwise none.”</p>
01108	09/15/2022	Oregon and Washington ERI Target Procedure (Version 3.2, Rev. 11)	Clarification	<p><b>Heating Systems Section: Remove reference to furnaces on EAE line</b></p>
				<p><b>Issue:</b> Currently, the Electric Auxiliary Energy (EAE) line of Exhibit 1: Heating Systems defines, in part, how to determine the Electric Auxiliary Energy (EAE) for non-electric warm furnaces. However, Addendum B of ANSI / RESNET / ICC 301-2019 reduced the system types that EAE applies to by removing non-electric furnaces. In lieu of such values, Addendum B configures this system type in accordance with ANSI / RESNET / ACCA 310.</p> <p>Therefore, the reference to non-electric warm furnaces in this line is no longer needed.</p>
				<p><b>Resolution:</b> Due to the updates made in Addendum B of ANSI / RESNET / ICC 301-2019, the reference to non-electric warm furnaces in relation to EAE is no longer needed and will be removed. The EAE line of the Heating Systems section in Exhibit 1 will be updated as follows:</p> <p>“For non-electric boilers, the Electric Auxiliary Energy shall be determined in accordance with the methodology for the Energy Rating Reference Home in ANSI / RESNET / ICC Std. 301.”</p>
01096	09/15/2022	Oregon and Washington ERI Target Procedure (Version 3.2, Rev. 11)	Clarification	<p><b>Service Water Heating Systems: No solar water heating included</b></p>
				<p><b>Issue:</b> The “Service Water Heating Systems” section specifies the required system type as either an “instantaneous gas water heater” or “heat pump water heater” but does not explicitly state that the water heater should not be configured with a solar component, even if one is present in the Rated home. Because of this ambiguity, developers of approved software rating tools may not configure this parameter consistently.</p>
				<p><b>Resolution:</b> To avoid confusion and prevent potential inconsistencies in how the Reference Design home is configured, the row for Fuel Type &amp; System Type in the “Service Water Heating Systems” section will be revised as follows:</p> <p>“If Rated Home uses a system with a gas or propane fuel type, model as instantaneous gas water heater with no solar heating. If Rated Home uses a system with an oil, electric, or other</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				fuel type, model as 60 gallon electric heat pump water heater with no solar heating. Select applicable efficiency from below.”
01117	09/15/2022	Caribbean Program Requirements (Version 3, Rev. 11)	Refinement	<b>Eligibility Requirements Section – Rephrasing for consistency</b>
				<b>Issue:</b> The phrasing of the eligibility requirements is inconsistent across program documents, potentially resulting in confusion.
				<b>Resolution:</b> For improved consistency and clarity, the eligibility requirements will be rephrased as follows:  “Site-built or modular Dwellings (e.g., single-family homes and duplexes) and Townhouses are eligible to <u>participate in</u> <del>earn</del> the ENERGY STAR <u>Single-Family New Homes (SFNH) program</u> .  Dwelling Units in certain low-rise multifamily buildings are also eligible to <u>participate in</u> <del>earn</del> the ENERGY STAR <u>SFNH</u> <del>through this</del> program if permitted prior to July 1, 2021. See Footnote 4 for details.”
01150	09/15/2022	Caribbean Program Requirements (Version 3, Rev. 11)	Clarification	<b>Eligibility Requirements Section – Homes undergoing gut rehab eligible to participate</b>
				<b>Issue:</b> This program document does not clearly state that existing homes (e.g., homes undergoing a gut rehabilitation) are eligible to participate in the program. This intent has been conveyed through EPA’s website and in several alternative compliance options included in the Mandatory Requirements (e.g., National Water Management System Builder Requirements) but should be more clearly stated directly in the program requirements.
				<b>Resolution:</b> The following sentence will be added to the Eligibility Requirements Section, and a new supplemental guidance document on this topic will be created and linked to via a new alias:  “ <u>While primarily intended for new construction, existing homes (e.g., undergoing a gut rehabilitation) are also eligible to participate in the ENERGY STAR Single-Family New Homes program, with guidance available at: <a href="http://www.energystar.gov/GutRehabGuidance">www.energystar.gov/GutRehabGuidance</a>.</u> ”
01089	09/15/2022	Caribbean	Change	<b>Eligibility Requirements Section – Harmonizing eligibility requirements with MFNC</b>



## Current ENERGY STAR Single-Family New Homes Policy Record

		<p><b>Program Requirements</b> (Version 3, Rev. 11)</p>		<p><b>Issue:</b> All multifamily dwelling units other than two-family dwellings will be required to earn the ENERGY STAR through the ENERGY STAR Multifamily New Construction (MFNC) program for buildings permitted on or after July 1, 2022. Therefore, the Eligibility Requirements section and corresponding Footnotes need to be revised with the updated criteria for the ENERGY STAR Single-Family New Homes (SFNH) program.</p> <p><b>Resolution:</b> To reflect the revised eligibility of the ENERGY STAR SFNH program, the Eligibility Requirements section and corresponding Footnotes will be updated as follows:</p> <p>“Site-built or modular <sup>1</sup> Dwellings <sup>2</sup> (e.g., single-family homes, duplexes) and Townhouses <sup>3</sup> are eligible to earn the ENERGY STAR.</p> <p>Dwelling Units in certain low-rise multifamily buildings are also eligible to earn the ENERGY STAR through this program if permitted prior to July 1, 2022. See Footnote 4 for details. <sup>4</sup>”</p> <p>The associated footnotes will be as follows:</p> <p>“2. A Dwelling, as defined by ANSI / RESNET / ICC 301, is any building that contains one or two Dwelling Units used, intended, or designed to be built, used, rented, leased, let or hired out to be occupied, or that are occupied for living purposes. ANSI / RESNET / ICC 301 defines a Dwelling Unit as a single unit providing complete independent living facilities for one or more persons, including permanent provisions for living, sleeping, eating, cooking, and sanitation.</p> <p>3. A Townhouse, as defined by ANSI / RESNET / ICC 301, is a single-family Dwelling Unit constructed in a group of three or more attached units in which each unit extends from the foundation to roof and with open space on at least two sides. Townhouses are also eligible to participate in the ENERGY STAR Multifamily New Construction Program.</p> <p>4. If permitted prior to July 1, 2022, the following are also eligible to participate in the ENERGY STAR Single-Family New Homes program:</p> <ul style="list-style-type: none"> <li>• Dwelling units in any multifamily building with 4 units or fewer; OR</li> <li>• Dwelling units in multifamily buildings with 3 stories or fewer above-grade; OR</li> <li>• Dwelling units in multifamily buildings with 4 or 5 stories above-grade where dwelling units occupy 80% or more of the occupiable square footage of the building. When evaluating mixed-use buildings for eligibility, exclude</li> </ul>
--	--	---	--	--

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>commercial / retail space when assessing whether the 80% threshold has been met.</p> <p>Any above-grade story with 20% or more occupiable space, including commercial space, shall be counted towards the total number of stories for the purpose of determining eligibility to participate in the program. The definition of an 'above-grade story' is one for which more than half of the gross surface area of the exterior walls is above-grade. All below-grade stories, regardless of type, shall not be included when evaluating eligibility.</p> <p>Per ASHRAE 62.2-2010, occupiable space is any enclosed space inside the pressure boundary and intended for human activities or continual human occupancy, including, but not limited to, areas used for living, sleeping, dining, and cooking, toilets, closets, halls, storage and utility areas, and laundry areas.”</p> <p>Finally, the existing Footnotes 4 and 5 will be removed.</p>
01159	09/15/2022	Caribbean Program Requirements (Version 3, Rev. 11)	Clarification	<p><b>Partnership, Training, and Credentialing Requirements Section – Energy Rating Companies must operate under a Home Certification Organization</b></p>
				<p><b>Issue:</b> While implied, the Partnership, Training, and Credentialing Requirements Section does not explicitly state that Energy Rating Companies must operate under a Home Certification Organization (HCO).</p>
				<p><b>Resolution:</b> To remove any ambiguity, this Section will be updated as follows:</p> <ul style="list-style-type: none"> <li>“Energy Rating Companies (e.g., rater companies and Providers) are required to sign an ENERGY STAR Partnership Agreement, which can be found at <a href="http://www.energystar.gov/homesPA">www.energystar.gov/homesPA</a>, and <u>operate under a Home Certification Organization (HCO)</u>. Learn more and find a current list of HCOs at <a href="http://www.energystar.gov/hco">www.energystar.gov/hco</a>.</li> </ul> <p>[Line break added] Raters are required to complete EPA-recognized training, which can be found at <a href="http://www.energystar.gov/newhomestraining">www.energystar.gov/newhomestraining</a>.”</p>
01127	09/15/2022	Caribbean Program Requirements (Version 3, Rev. 11)	Refinement	<p><b>Exhibit 2 – Addition of program name to mandatory requirements for clarity</b></p>
				<p><b>Issue:</b> This Exhibit contains the Mandatory Requirements that must be met for certification. Many of the document names referenced in this Exhibit (e.g., Caribbean and Pacific Rater Field</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>Checklist) are identical between the ENERGY STAR Single-Family New Homes (SFNH) program and ENERGY STAR Multifamily New Construction (MFNC) program, even though the requirements within the documents are program specific. Therefore, without specifying the program name, Partners may be confused about which requirements apply.</p> <p><b>Resolution:</b> For improved clarity, the applicable program name will be added to the Exhibit as follows:</p> <ul style="list-style-type: none"> <li>• Completion of <u>SFNH</u> Caribbean and Pacific Rater Design Review Checklist, Version 3, with the following exemptions: Item 1.2 and 2.2</li> <li>• Completion of <u>SFNH</u> Caribbean and Pacific Rater Field Checklist, Version 3, with the following exemptions: Section 1, Items 2.2, 2.4, and 2.5; and Section 5</li> <li>• Completion of <u>SFNH</u> National HVAC Design Report, Version 3 / 3.1, with the following exemptions: Section 3, Section 4, and Section 5</li> <li>• Completion of <u>SFNH</u> National Water Management System Builder Requirements, Version 3 / 3.1</li> </ul>
01086	09/15/2022	Caribbean Program Requirements (Version 3, Rev. 11)	Clarification	<b>Step 3 - Raters must be operating under an HCO when completing verification step</b>
				<p><b>Issue:</b> In Step 3 of the ENERGY STAR Certification Process for the Caribbean section, project teams are directed to follow the Home Certification Organization (HCO)'s certification and oversight procedures, but it is not explicitly stated that Raters must operate under HCO oversight for the entirety of the verification process.</p>
				<p><b>Resolution:</b> To clarify the intended requirement that Raters must operate under HCO oversight for the entirety of the verification process, the first sentence of Step 3 of the ENERGY STAR Certification Process for the Caribbean will be revised as follows:</p> <p>“Using a Rater operating under an HCO, verify that all requirements have been met in accordance with the Mandatory Requirements for All Certified Homes and with the inspection procedures for minimum rated features in ANSI / RESNET / ICC 301, Appendix B...”</p>
01118	09/15/2022	Pacific Program Requirements (Version 3, Rev. 11)	Refinement	<b>Eligibility Requirements Section – Rephrasing for consistency</b>
				<p><b>Issue:</b> The phrasing of the eligibility requirements is inconsistent across program documents, potentially resulting in confusion.</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p><b>Resolution:</b> For improved consistency and clarity, the eligibility requirements will be rephrased as follows:</p> <p>“Site-built or modular Dwellings (e.g., single-family homes and duplexes) and Townhouses are eligible to <u>participate in</u> <del>earn</del> the ENERGY STAR <u>Single-Family New Homes (SFNH) program</u>.</p> <p>Dwelling Units in certain low-rise multifamily buildings are also eligible to <u>participate in</u> <del>earn</del> the ENERGY STAR <u>SFNH</u> <del>through this</del> program if permitted prior to July 1, 2021. See Footnote 4 for details.”</p> <p>In addition, the last sentence in Footnote 3 will be rephrased as follows:</p> <p>“Townhouses are also eligible to <u>participate in</u> <del>earn the ENERGY STAR through</del> the ENERGY STAR Multifamily New Construction Program.”</p> <p>And the first sentence in Footnote 4 will be rephrased as follows:</p> <p>“If permitted prior to July 1, 2021, the following are also eligible to <u>participate in</u> <del>earn the ENERGY STAR through</del> the ENERGY STAR Single-Family New Homes program:”</p>
01149	09/15/2022	Pacific Program Requirements (Version 3, Rev. 11)	Clarification	<p><b>Eligibility Requirements Section – Homes undergoing gut rehab eligible to participate</b></p>
				<p><b>Issue:</b> This program document does not clearly state that existing homes (e.g., homes undergoing a gut rehabilitation) are eligible to participate in the program. This intent has been conveyed through EPA’s website and in several alternative compliance options included in the Mandatory Requirements (e.g., National Water Management System Builder Requirements) but should be more clearly stated directly in the program requirements.</p> <p><b>Resolution:</b> The following sentence will be added to the Eligibility Requirements Section, and a new supplemental guidance document on this topic will be created and linked to via a new alias:</p> <p>“While <u>primarily intended for new construction</u>, existing homes (e.g., undergoing a gut rehabilitation) are also eligible to <u>participate in the ENERGY STAR Single-Family New Homes program</u>, with guidance available at: <a href="http://www.energystar.gov/GutRehabGuidance">www.energystar.gov/GutRehabGuidance</a>.”</p>
01160	09/15/2022	Pacific Program Requirements	Clarification	<p><b>Partnership, Training, and Credentialing Requirements Section – Energy Rating Companies must operate under a Home Certification Organization</b></p>

## Current ENERGY STAR Single-Family New Homes Policy Record

		(Version 3, Rev. 11)		<p><b>Issue:</b> While implied, the Partnership, Training, and Credentialing Requirements Section does not explicitly state that Energy Rating Companies must operate under a Home Certification Organization (HCO).</p> <p><b>Resolution:</b> To remove any ambiguity, this Section will be updated as follows:</p> <ul style="list-style-type: none"> <li>“Energy Rating Companies (e.g., rater companies and Providers) are required to sign an ENERGY STAR Partnership Agreement, which can be found at <a href="http://www.energystar.gov/homesPA">www.energystar.gov/homesPA</a>, and <u>operate under a Home Certification Organization (HCO)</u>. <u>Learn more and find a current list of HCOs at <a href="http://www.energystar.gov/hco">www.energystar.gov/hco</a></u>.</li> <li>[Line break added] Raters are required to complete EPA-recognized training, which can be found at <a href="http://www.energystar.gov/newhomestraining">www.energystar.gov/newhomestraining</a>.”</li> </ul>
01084	09/15/2022	Pacific Program Requirements (Version 3, Rev. 11)	Clarification	<p><b>Step 4 – Raters must be operating under an HCO when completing verification step</b></p> <p><b>Issue:</b> In Step 4 of the ENERGY STAR Certification Process for the Pacific section, project teams are directed to follow the Home Certification Organization (HCO)’s certification and oversight procedures, but it is not explicitly stated that Raters must operate under HCO oversight for the entirety of the verification process.</p> <p><b>Resolution:</b> To clarify the intended requirement that Raters must operate under HCO oversight for the entirety of the verification process, the first sentence of Step 4 of the ENERGY STAR Certification Process for the Pacific will be revised as follows:</p> <p>“Using a Rater operating under an HCO, verify that all requirements have been met in accordance with the Mandatory Requirements for All Certified Homes and with the inspection procedures for minimum rated features in ANSI / RESNET / ICC 301, Appendix B...”</p>
01201	09/15/2022	Pacific Program Requirements (Version 3, Rev. 11)	Clarification	<p><b>Exhibit 2 – Retention of documents when using the National checklists</b></p> <p><b>Issue:</b> Footnote 14, referenced in this Exhibit, states that a home with a split air conditioner, unitary air conditioner, air-source heat pump, or water-source (i.e., geothermal) heat pump up to 65 kBtuh with a forced-air distribution system (i.e., ducts) is permitted to complete the</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>National Rater Design Review Checklist, Version 3 / 3.1, and National Rater Field Checklist, Version 3 / 3.1, in lieu of the Caribbean and Pacific Checklists.</p> <p>In such cases, different program documents are required to be retained by the Rater. However, this is not stated in the Footnote.</p> <p><b>Resolution:</b> To clarify which documents must be retained when using the National Rater Design Review Checklist and National Rater Field Checklist, this Footnote will be updated as follows:</p> <p>“A home with a split air conditioner, unitary air conditioner, air-source heat pump, or water-source (i.e., geothermal) heat pump up to 65 kBtuh with a forced-air distribution system (i.e., ducts) is permitted to complete the National Rater Design Review Checklist, Version 3 / 3.1, and National Rater Field Checklist, Version 3 / 3.1, in lieu of these Caribbean and Pacific Checklists. <u>In such cases, the Rater is required to keep electronic or hard copies of the completed and signed National Rater checklists and either an HVAC design report compliant with ANSI / RESNET / ACCA / ICC 310, and the National HVAC Design Supplement to Std. 310 for Dwellings &amp; Units, for homes using Track A, or the National HVAC Design Report for homes using Track B.</u>”</p>
01128	09/15/2022	Pacific Program Requirements (Version 3, Rev. 11)	Refinement	<p><b>Exhibit 2 – Addition of program name to mandatory requirements for clarity</b></p> <p><b>Issue:</b> This Exhibit contains the Mandatory Requirements that must be met for certification. Many of the document names referenced in this Exhibit (e.g., Caribbean and Pacific Rater Field Checklist) are identical between the ENERGY STAR Single-Family New Homes (SFNH) program and ENERGY STAR Multifamily New Construction (MFNC) program, even though the requirements within the documents are program specific. Therefore, without specifying the program name, Partners may be confused about which requirements apply.</p> <p><b>Resolution:</b> For improved clarity, the applicable program name will be added to the Exhibit as follows:</p> <ul style="list-style-type: none"> <li>• Completion of <u>SFNH</u> Caribbean and Pacific Rater Design Review Checklist, Version 3</li> <li>• Completion of <u>SFNH</u> Caribbean and Pacific Rater Field Checklist, Version 3</li> <li>• Completion of <u>SFNH</u> National HVAC Design Report, Version 3 / 3.1</li> <li>• Completion of <u>SFNH</u> National HVAC Commissioning Checklist, Version 3 / 3.1</li> </ul>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<ul style="list-style-type: none"> <li>Completion of <u>SFNH</u> National Water Management System Builder Requirements, Version 3 / 3.1</li> </ul>
01206	11/10/2022	Pacific ERI Target Procedure (Version 3, Rev. 12)	Change	<b>Exhibit 2 – ENERGY STAR Reference Design configured without on-site power</b>
				<p><b>Issue:</b> Partners have asked whether the ENERGY STAR Reference Design (ESRD) should be configured with On-Site Power Production (OPP) if such a system is present in the Rated Home. Because OPP is not one of the building components listed in the Expanded ENERGY STAR Reference Design Definition Exhibit and the document contains a footnote stating that “Any parameter not specified in this exhibit shall be identical to the value entered for the Rated Home”, one might infer that it is EPA’s intent for the ESRD to be configured with OPP.</p> <p>Such a configuration would create unintended challenges because the related Program Requirements specify that “on-site power generation may not be used to meet the ENERGY STAR ERI Target”.</p>
				<p><b>Resolution:</b> It is not EPA’s intent to make the ENERGY STAR ERI Target more stringent in cases where the Rated Home has OPP. To align the ENERGY STAR ERI Target Procedure with EPA’s intent, a new row will be added to the end of the ENERGY STAR Reference Design Definition Exhibit with the Building Component listed as “On-Site Power Production” and the Definition listed as “None”.</p>
01191	09/15/2022	Pacific ERI Target Procedure (Version 3, Rev. 11)	Change	<b>Exhibit 2 – Dehumidification system inputs</b>
				<p><b>Issue:</b> Currently, the ENERGY STAR Reference Design is configured with the same dehumidification system present in the Rated Home. This effectively means that dehumidifiers will neither help a home to achieve nor hinder a home from achieving the ENERGY STAR ERI Target.</p> <p>ANSI / RESNET / ICC 301-2019 Addendum B specifies for the first time how to configure dehumidification systems in the Energy Rating Reference Home. Partners have asked whether the ERI Target Procedure will be updated, such that homes using dehumidifiers can receive credit towards meeting the ENERGY STAR ERI Target.</p>
				<p><b>Resolution:</b> The ENERGY STAR ERI Target Procedures generally allow for Minimum Rated Features in ANSI / RESNET / ICC 301 to contribute towards the ENERGY STAR ERI Target.</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

				<p>Now that dehumidifiers have been added as a Minimum Rated Feature, they will be allowed to contribute, as well.</p> <p>In the current program requirements, a dehumidifier is not required to be included in a dwelling or dwelling unit and, in practice, dehumidifiers are only installed in a minority of homes. To avoid increasing the program stringency for those who choose to install a dehumidifier, it is more appropriate to make available a credit for more efficient products, rather than a penalty for entry-level products. Therefore, the ENERGY STAR ERI Target Procedures will be updated to align with the configuration in ANSI / RESNET / ICC 301. In future versions of the program, EPA can consider whether to update the ENERGY STAR Reference Design with more efficient dehumidifiers.</p> <p>To reflect this change, a new row will be added to Exhibit 1: Expanded ENERGY STAR Reference Design Definition for the Pacific to address dehumidification systems. The new row will read as follows:</p> <p>“Type, capacity, efficacy, and dehumidistat setpoint same as Energy Rating Reference Home, as defined by ANSI / RESNET / ICC 301, when dehumidification system is present in Rated home; otherwise none.”</p>
01109	09/15/2022	Pacific ERI Target Procedure (Version 3, Rev. 11)	Clarification	<p><b>Heating Systems Section: Remove reference to furnaces on EAE line</b></p> <p><b>Issue:</b> Currently, the Electric Auxiliary Energy (EAE) line of Exhibit 2: Heating Systems defines, in part, how to determine the Electric Auxiliary Energy (EAE) for non-electric warm furnaces. However, Addendum B of ANSI / RESNET / ICC 301-2019 reduced the system types that EAE applies to by removing non-electric furnaces. In lieu of such values, Addendum B configures this system type in accordance with ANSI / RESNET / ACCA 310.</p> <p>Therefore, the reference to non-electric warm furnaces in this line is no longer needed.</p> <p><b>Resolution:</b> Due to the updates made in Addendum B of ANSI / RESNET / ICC 301-2019, the reference to non-electric warm furnaces in relation to EAE is no longer needed and will be removed. The EAE line of the Heating Systems section in Exhibit 2 will be updated as follows:</p> <p>“For non-electric boilers, the Electric Auxiliary Energy shall be determined in accordance with the methodology for the Energy Rating Reference Home in ANSI / RESNET / ICC Std. 301.”</p>
01135	09/15/2022		Clarification	<b>Addition of “N/A” column</b>



## Current ENERGY STAR Single-Family New Homes Policy Record

		<b>Caribbean &amp; Pacific Rater Design Review Checklist (Version 3, Rev. 11)</b>		<p><b>Issue:</b> Raters have indicated challenges in completing this Checklist, given that some Items are not applicable to the home, yet there is no “N/A” column, as is available in the Caribbean &amp; Pacific Rater Field Checklist. Currently, the only options in such cases are for the Rater to leave the Item blank or mark it as “Rater Verified”.</p> <p><b>Resolution:</b> A column will be added to the Checklist with checkboxes included for the specific Items that may not be applicable to a home being certified. With the addition of the new column, the “N/A” checkbox provided directly within Item 1.2 can be deleted, as follows:  “Rater has verified and documented that HVAC contractor holds credential required to complete National HVAC Commissioning Checklist, unless all equipment to be installed in home to be certified is an exempted type, in which case check ‘N/A’. <input type="checkbox"/> N/A”  Additionally, a new Footnote will be added to explain the N/A column as follows:  “The column titled “N/A,” which denotes items that are “not applicable,” should be used when the checklist Item is not present in the home or conflicts with local requirements.”</p>
<b>01140</b>	<b>09/15/2022</b>	<b>Caribbean &amp; Pacific Rater Design Review Checklist (Version 3, Rev. 11)</b>	<b>Refinement</b>	<p><b>Item 1.1 – Website URL updated</b></p> <p><b>Issue:</b> The URL in Item 1.1 currently leads to the <a href="#">Partner Locator</a> page. The URL should be updated to direct to the <a href="#">Residential Builders/Developers and Energy Rating Companies</a> page so that project teams can more easily verify whether a builder has an ENERGY STAR partnership agreement.</p> <p><b>Resolution:</b> The URL in Item 1.1 of the Caribbean &amp; Pacific Rater Design Review Checklist will be updated to direct to the <a href="#">Residential Builders/Developers and Energy Rating Companies</a> page.  Because the URL is long, the alias <a href="http://www.energystar.gov/ResPartnerDirectory">www.energystar.gov/ResPartnerDirectory</a> will be used to direct to the appropriate page.</p>
<b>01110</b>	<b>09/15/2022</b>	<b>Caribbean &amp; Pacific Rater Field Checklist (Version 3, Rev. 11)</b>	<b>Refinement</b>	<p><b>Item 3.3 – Removal of superfluous “N/A” checkboxes</b></p> <p><b>Issue:</b> For Items 3.3.1 and 3.3.2, the “N/A” checkboxes are superfluous because there is already an overarching “N/A” checkbox in Item 3.3, which is to be used for homes in which there are no outdoor air inlets connected to a ducted return of the HVAC system.</p> <p><b>Resolution:</b> The “N/A” checkboxes in Items 3.3.1 and 3.3.2 will be removed.</p>
<b>01103</b>	<b>09/15/2022</b>		<b>Clarification</b>	<b>Item 5.1 &amp; 5.3 – Combining two filtration-related Items into a single Item for clarity</b>

## Current ENERGY STAR Single-Family New Homes Policy Record

		<b>Caribbean &amp; Pacific Rater Field Checklist</b> (Version 3, Rev. 11)		<p><b>Issue:</b> Items 5.1 and 5.3 specify distinct, but related, filtration requirements. Item 5.1 requires MERV 6+ filter(s) that are located to facilitate occupant access and regular service. Item 5.3 requires filter(s) to be located such that all return air and mechanically supplied outdoor air passes through them prior to conditioning. The intent of these related requirements could be clarified by combining the two Items into one.</p> <p><b>Resolution:</b> To clarify and condense program requirements, the requirements from Item 5.3 will be incorporated into Item 5.1, and Item 5.3 will be deleted. The revised Item 5.1 will read as follows: “MERV 6+ filter(s) installed in each ducted mech. system, designed so all return and mechanically supplied outdoor air passes through filter(s) prior to conditioning, and located to facilitate occupant access &amp; regular service.”</p>
01091	09/15/2022	<b>Caribbean &amp; Pacific Rater Field Checklist</b> (Version 3, Rev. 11)	Refinement	<p><b>Item 6.3 – Move uncommon combustion safety compliance options to footnotes</b></p> <p><b>Issue:</b> This Item includes a complex and rarely used allowance for unvented combustion appliances located inside a home’s pressure boundary. To improve conciseness and clarity for the majority of partners, this could be listed as an alternative compliance option and relocated to a footnote.</p> <p><b>Resolution:</b> To improve conciseness and clarity, the Item will be edited as follows: “<del>If No unvented combustion appliances other than cooking ranges or ovens are located inside the home’s pressure boundary, the Rater has followed ANSI/ACCA 12 QH-2014, Section 3.2.2, Appendix A Sections A2.2.6, A3, and A4, and verified the equipment meets the limits defined within Alternative in Footnote YY.</del> <sup>34, 38, YY</sup>”</p> <p>The following new Footnote YY will be added: “Alternatively, unvented combustion appliances other than cooking ranges or ovens are permitted to be located inside the home’s pressure boundary if the Rater has followed ANSI/ACCA 12 QH-2014, Section 3.2.2, Appendix A Sections A2.2.6, A3, and A4, and verified the equipment meets the limits defined within.”</p>
01166	09/15/2022	<b>Caribbean &amp; Pacific Rater Field Checklist</b>	Refinement	<p><b>Footnote 1 – ASHRAE 62.2-2010 or later may be used</b></p> <p><b>Issue:</b> Currently, this Footnote states that this Checklist is designed to meet the 2010, 2013, or 2016 editions of ASHRAE 62.2. The 2019 edition of the standard has been released since the</p>

## Current ENERGY STAR Single-Family New Homes Policy Record

		(Version 3, Rev. 11)		<p>time this language was last updated and, in fact, the Report is designed to meet any edition including and subsequent to 2010.</p> <p><b>Resolution:</b> Rather than specifying an explicit list of editions that the Checklist is designed to meet, the reference to ASHRAE 62.2 will be generalized to reflect that the Report is designed to meet any edition including and subsequent to 2010. Additional minor refinements will be made for consistency.</p> <p>Footnote 1 will be revised as follows:          “This Checklist is designed to meet the requirements of ASHRAE 62.2-2010 <u>or later</u> / 2013 / 2016,..”</p>
01167	09/15/2022	Caribbean & Pacific Rater Field Checklist (Version 3, Rev. 11)	Refinement	<p><b>Footnote 29 – ASHRAE 62.2-2010 or later may be used</b></p> <p><b>Issue:</b> Currently, this Footnote states that partners are permitted to use the 2010, 2013, or 2016 editions of ASHRAE 62.2. The 2019 edition of the standard has been released since the time this language was last updated and should also be permitted to be used.</p> <p><b>Resolution:</b> Rather than specifying an explicit list of editions allowed to be used, the reference to ASHRAE 62.2 will be generalized so that any edition including and subsequent to 2010 can be used.</p> <p>Footnote 29 will be revised as follows:          “Alternatively, the prescriptive duct sizing requirements in Table 5.3 of ASHRAE 62.2-2010 <u>or later</u> / 2013 / 2016 are permitted to be used..”</p>