

ENERGY STAR Certification Protocol

for Homes and Apartments

Using an Energy Rating Index or Dwelling Unit Modeling
Compliance Path

Effective: 5/26/2020

Last Revised: 5/9/2022

ENERGY STAR certified homes and apartments that use an Energy Ratings Index-based (ERI) compliance path must be certified through an EPA-recognized Home Certification Organization (HCO) in accordance with the Standards and ENERGY STAR Residential New Construction national and regional Program Requirements identified below. Refer to the Implementation Timeline exhibit within each program requirements document to determine the Version and, if applicable, the Revision that is required to be used for each home or apartment.

[ENERGY STAR Single-Family New Homes \(SFNH\) National and Regional Program Requirements](#)

- SFNH National Program Requirements
- SFNH California Program Requirements
- SFNH Caribbean Program Requirements
- SFNH Florida Program Requirements
- SFNH Oregon and Washington Program Requirements
- SFNH Pacific Program Requirements

[ENERGY STAR Multifamily New Construction \(MFNC\) National and Regional Program Requirements](#)

- MFNC National Program Requirements
- MFNC California Program Requirements
- MFNC Caribbean Program Requirements

ENERGY STAR New Construction Program Policy Record

EPA periodically updates the program requirements in response to partner questions and standard revisions. These updates are contained in the [ENERGY STAR New Construction Program Policy Record](#). Any change or clarification published by EPA can be applied immediately.

Informative References from the Program Requirements

The following documents are listed below for informative purposes only, as they are referenced within the program requirements documents. These documents outline measures and procedures that must be met for certification:

[ENERGY STAR Single-Family New Homes \(SFNH\) Mandatory Measures](#)

- SFNH National Rater Design Review Checklist
- SFNH National Rater Field Checklist
- SFNH National HVAC Design Report
- SFNH National HVAC Commissioning Checklist
- SFNH National Water Management System Builder Requirements
- SFNH Caribbean and Pacific Rater Design Review Checklist
- SFNH Caribbean and Pacific Rater Field Checklist

[ENERGY STAR Multifamily New Construction \(MFNC\) Mandatory Measures](#)

- MFNC National Rater Design Review Checklist
- MFNC National Rater Field Checklist
- MFNC National HVAC Design Report
- MFNC National HVAC Functional Testing Checklist
- MFNC National Water Management System Requirements
- MFNC Caribbean Rater Design Review Checklist
- MFNC Caribbean Rater Field Checklist
- Multifamily Workbook

ENERGY STAR Quality Assurance Checklists

The following documents provide guidance for an HCO's quality assurance personnel during quality assurance file review and field evaluation.

[ENERGY STAR Single-Family New Homes \(SFNH\) Quality Assurance Checklist](#)

- SFNH Rater Quality Assurance and Certification Review Checklist

[ENERGY STAR Multifamily New Construction \(MFNC\) Quality Assurance Checklist](#)

- MFNC Rater Quality Assurance Checklist

Certification Review Policy

The following webpage provides guidance on the Certification Review process by which HCOs respond to homeowner concerns with ENERGY STAR certified homes: [ENERGY STAR Certification Review Policy](#).

ERI Target Procedures

The following documents are referenced within the program requirements documents and contain additional information about how to determine the ENERGY STAR ERI Target that must be met for certification:

[ENERGY STAR Single-Family New Homes \(SFNH\) Energy Rating Index \(ERI\) Target Procedures](#)

- SFNH National ERI Target Procedure
- SFNH Florida ERI Target Procedure
- SFNH Oregon and Washington ERI Target Procedure
- SFNH Pacific ERI Target Procedure

[ENERGY STAR Multifamily New Construction \(MFNC\) Energy Rating Index \(ERI\) Target Procedures](#)

- MFNC National ERI Target Procedure
- MFNC Oregon and Washington ERI Target Procedure

Referenced Standards in the Program Requirements

- [ANSI/RESNET/ICC Standard 301-2019, "Standard for the Calculation and Labeling of the Energy Performance of Low-Rise Residential Buildings using an Energy Rating Index," including published Addenda.](#)
- [ANSI/RESNET/ICC 380-2019, "Standard for Testing Airtightness of Building Enclosures, Airtightness of Heating and Cooling Air Distribution Systems, and Airflow of Mechanical Ventilation Systems," including published Addenda.](#)
- [ANSI/RESNET/ACCA 310-2020, "Standard for Grading the Installation of HVAC Systems," including published Addenda](#)
- *For California:* Data Input requirements and On-Site Inspection Procedures in the [California Home Energy Rating System \(HERS\) Technical Manual](#)

Application for Recognition as a Home Certification Organization (HCO)

The Application for EPA Recognition as a Home Certification Organization is included in the *ENERGY STAR Certification System for Homes and Apartments Using an Energy Rating Index or Dwelling Unit Modeling Compliance Path*.