

# **ENERGY STAR Certification Protocol**

## **For Site-Built and Modular Single-Family Homes and Multifamily New Construction Using an Energy Rating Index-Based Compliance Path**

**March 2019 Edition**

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ENERGY STAR certified homes and apartments that use an Energy Ratings Index-based (ERI) compliance path must be certified through an EPA-recognized Verification Oversight Organization (VOO) 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.

### [Site-Built and Modular Single-Family Homes National and Regional Program Requirements](#)

- National Program Requirements ENERGY STAR Certified Homes
- Tropics Program Requirements ENERGY STAR Certified Homes
- California Program Requirements ENERGY STAR Certified Homes
- Florida Program Requirements ENERGY STAR Certified Homes
- California Program Requirements ENERGY STAR Certified Homes
- Oregon and Washington Program Requirements ENERGY STAR Certified Homes

### [Multifamily New Construction National and Regional Program Requirements](#)

- ENERGY STAR MFNC National Program Requirements
- ENERGY STAR MFNC California 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:

### [Site-Built and Modular Single-Family Homes Mandatory Measures](#)

- National Rater Design Review Checklist ENERGY STAR Certified Homes
- National Rater Field Checklist ENERGY STAR Certified Homes
- Tropics Rater Design Review Checklist ENERGY STAR Certified Homes
- Tropics Rater Field Checklist ENERGY STAR Certified Homes
- National HVAC Design Report ENERGY STAR Certified Homes
- National HVAC Commissioning Checklist ENERGY STAR Certified Homes
- National Water Management System Builder Requirements ENERGY STAR Certified Homes

### [Multifamily New Construction Mandatory Measures](#)

- ENERGY STAR MFNC Rater Design Review Checklist
- ENERGY STAR MFNC Rater Field Checklist
- ENERGY STAR MFNC HVAC Design Report
- ENERGY STAR MFNC HVAC Functional Testing Checklist
- ENERGY STAR MFNC Water Management System Requirements
- Conceptual Draft Multifamily Workbook

### ***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:

#### *Site-Built and Modular Single-Family Homes Energy Rating Index (ERI) Target Procedures*

- National ERI Target Procedure ENERGY STAR Certified Homes

#### *Multifamily New Construction Energy Rating Index (ERI) Target Procedures*

- ENERGY STAR MFNC Energy Rating Index Target Procedure
- ENERGY STAR MFNC OR-WA Energy Rating Index Target Procedure

### **Referenced Standards in the Program Requirements**

- *ANSI/RESNET/ICC Standard 301-2019 (anticipated), “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.*

### **Application for Verification Oversight Organizations (VOO)**

- Application for EPA Recognition as a Verification Oversight Organization (anticipated)