Multifamily New Construction: This is the Way

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MFNC Testimonials

“This is the Way”  
- The Mandalorian

“Do or do not. There is no try”  
- Yoda

“May the force be with you”  
- Obi Wan
Today’s Agenda

Multifamily New Construction Overview
Multifamily building eligibility
Transition timeline
Program requirements

Website: technical resources
In depth Q&A

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ENERGY STAR Residential New Construction Programs: Past

Guidelines for new or gut rehab:
- Single family homes
- Low rise multifamily buildings
- Some 4+5 story multifamily buildings
- Mid and high rise multifamily buildings

Certified Homes

MFHR
ENERGY STAR Residential New Construction Programs*

1. Is the building new construction AND residential?
   - **YES**
   - **NO**

2. Is the building a motel/hotel or senior care community?
   - **NO**
   - **YES**

3. Does the building have one or two units, or is it a townhome?
   - **YES**
   - **NO**

- **ENERGY STAR Single-Family New Homes**
- **ENERGY STAR Multifamily New Construction**
- **ENERGY STAR Buildings and Plants**

*As of July 1, 2021
ENERGY STAR Residential New Construction Programs: Present

Single-Family New Homes

MFHR (if Project Application Submitted prior to 1/1/2021)

MFNC
ENERGY STAR Residential New Construction Programs: Future

*As of July 1, 2021
MFNC Program Requirements
MFNC Three Key Components

- Performance Target
- Mandatory Features
- Quality Assurance

ASHRAE Path
ERI Path
Prescriptive Path
Checklist Item/Prerequisite Summary

• Developed by evaluating req’ts from Single-Family & MFHR and combining/adjusting as appropriate (both more and less stringent)
• Similar Checklist format as Single-Family
• Added req’ts for central HVAC & HW systems
• Added req’ts in common areas
• Added req’ts to reduce hot water energy use
Verifiers and Oversight Organizations

• Different Oversight Organizations for different pathways
  – ERI Path:
    • Similar to Single-Family New Homes
    • Home Certification Organization (HCO)
    • Submitted at Final
  – ASHRAE and Prescriptive Paths:
    • Similar to MFHR
    • Multifamily Review Organization (MRO)
    • Submitted at Design & Final
ENERGY STAR MFNC Program Documents and Tools (Rev. 02)

- Rater Design Review Checklist
- Rater Field Checklist
- HVAC Design Report
- HVAC Functional Testing Checklist
- Water Management System Requirements
- Multifamily Workbook
- Photo Guidance
Multifamily New Construction Program Website Walkthrough
ENERGY STAR Multifamily New Construction: Learn More

Website: [www.energystar.gov/mfnc](http://www.energystar.gov/mfnc)

- See program requirements for a selected certification pathway and region.
- View eligibility chart
- Other resources:
  - Webinars (live and recorded)
  - Technical Bulletins
  - Costs & Savings analysis
  - Comparisons with MFHR and ESCH
Recap

Multifamily building eligibility
Transition timeline
Program requirements
MFNC website: technical resources
In depth Q&A

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