



ENERGY STAR® MULTIFAMILY NEW CONSTRUCTION

DEAR ENERGY STAR MULTIFAMILY NEW CONSTRUCTION STAKEHOLDER,

The [Multifamily New Construction Policy Record](#) was updated in February, March & July 2022 with several programmatic changes to address feedback and questions from Partners. These changes are available but not required for use now and will be incorporated into the Revision 03 program documents when posted later this year.

While there are a number of new policy records in 2022, below are the key updates and their corresponding ID numbers.

[View MFNC Policy Record](#)

KEY POLICY RECORD UPDATES

Envelope

- Clarifies the insulation requirements for concrete slabs. The [Slab Edge Insulation](#) document will be updated later this fall to provide Partners visual examples of details that are and are not exempt [ID: 00265, 00298, 00284, 00285]
- Adjusts the common space insulation requirements such that all paths in the same Version reference the same code requirement. For example, in Version 1 and 1.1 the reference is the 2009 IECC Residential or Commercial chapter, regardless of the path chosen. [ID: 00295, 00296, 00290, 00291]
- For ERI & Prescriptive Path, rather than limit the Reference Design to only wood-frame floor assemblies, adds a mass floor assembly & corresponding U-factors [ID: 00289]

Lighting & DHW

- Allows common spaces to install 90% LEDs in lieu of calculating lighting power densities [ID: 00274, 00282, 00287]
- Removes the DHW pipe insulation requirement [ID: 00267]

HVAC

- When calculating design heating/cooling loads, allows commercial software compliant with ASHRAE Std 183 [ID: 00245]. Also, clarifies the Rater review includes verifying that the proper dwelling unit configurations have been included in the HVAC Design Report [ID: 00241]
- When calculating system over-sizing, clarifies that the 'maximum' capacity must be listed for two-speed and variable speed systems [ID: 00258, 00313]
- Clarifies that the limits on electric resistance space heating in common spaces for ERI & Prescriptive Paths do not apply to heated plenums or stairwells with specific temperature controls [ID: 00307]
- For buildings specifying PTACs or PTHPs with outdoor air (OA) inlets, clarifies that a motorized damper is required [ID: 00242] and where specified in common spaces, temporarily allows systems to have an operable window in lieu of meeting the airflow measurement requirement. [ID: 00273];
- For buildings specifying central balanced ventilation systems (i.e., ERV, HRV), clarifies that for buildings certifying under Rev.03, the supply risers do not need to be tested for duct leakage but the exhaust risers must be. [ID: 00315]

Functional Testing

- Allows individuals to complete Functional Testing Checklist under the oversight of a Functional Testing Agent [ID: 00278]

ICYMI: The [Policy Record](#) is your go-to source for clarifications on program requirements between Revisions.

Please contact us at energystarhomes@energystar.gov with any questions whether related to technical requirements, program resources, or ready-made marketing materials.

Best regards,
The ENERGY STAR Residential New Construction team

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