

How Units in Multifamily High Rise Buildings Earn the ENERGY STAR



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ENERGY STAR® Multifamily High Rise Program

Get Involved as a Home Energy Professional



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ENERGY STAR Multifamily High Rise Program

Introducing the ENERGY STAR Multifamily High Rise (MFHR) Program

ENERGY STAR recently launched a new construction* labeling program for the units in mid and high rise multifamily buildings.

To earn the ENERGY STAR, a Licensed Professional must verify that the project meets specific program requirements and energy saving construction specifications.

The MFHR Program is intended to complement the ENERGY STAR Certified Homes Program for single family and low rise homes by providing a pathway for certification of the apartments and condos in larger multifamily buildings.**

* In addition to the MFHR new construction program, as of September 16, 2014, existing multifamily buildings may be eligible to earn the ENERGY STAR through the commercial buildings program. To learn more, visit www.energystar.gov/buildings

** Eligible buildings include most buildings 6 stories and above; or 4–5 stories with central heating and/or cooling systems. To see all eligibility requirements, visit www.energystar.gov/mfhr

Labeling MFHR Units

Each apartment or condo is independently verified to meet requirements set by the U.S. EPA. Many of the verification requirements for MFHR buildings are similar to those for the ENERGY STAR Certified Homes program for single family and low rise homes, with some key differences:

- Third party verification is overseen by a Licensed Professional (a professional engineer or registered architect); and
- Verification is performed on systems and spaces not typically found in single family or low rise residential buildings (i.e., central HVAC, central ventilation, and common area measures).

Home Energy Professionals may be hired by the Licensed Professional to conduct some or all of the required verification. This may include plan review, modeling, in-field inspections and testing, and verification coordination.

Benefits to Participation

- ✓ Expand into a growing residential sector
- ✓ Diversify income stream
- ✓ Work on highly visible projects
- ✓ Explore commercial modeling
- ✓ Build a broader professional network

Services You Can Provide

Testing and Verification Specialist

Provide testing and verification for:

- Insulation evaluation
- Air barrier inspection
- Air sealing inspection
- Inspecting duct installation and sealing
- Measuring ventilation air flow rates
- Blower door testing
- Trades training
- Verifying ENERGY STAR/WaterSense Products

Plan Reviewer

Provide plan review services to ensure all MFHR Program requirements are included in construction documents.

Verification Coordinator

Oversee a team of other Home Energy Professionals and specialists, and prepare required program documentation.

Building Energy Modeler

Provide whole building energy modeling. As in single family and low rise homes, the MFHR Performance Path requires energy modeling. Due to the complexity of these buildings, participating in the modeling process may require additional training.