

About ENERGY STAR[®] Homes – 2018

The simple
choice for
energy
efficiency.



April 2019

About ENERGY STAR for the Residential Sector

In the residential sector, ENERGY STAR enables and accelerates the deployment and integration of energy efficiency through its ENERGY STAR Certified New Homes program and its existing homes programs, initiatives, and resources.

ENERGY STAR Certified New Construction Programs

ENERGY STAR partners with thousands of homebuilders and developers, home energy rating companies, and utilities across the U.S. who construct, verify, promote, and incentivize ENERGY STAR certified homes and apartments. Homes that are eligible to earn the ENERGY STAR label include single family, multifamily, and manufactured (factory-built) housing. Today, ninety percent of the nation's largest homebuilders construct ENERGY STAR certified homes. Homebuyers have more energy-efficient homes to choose from than ever before. More than 98,000 ENERGY STAR certified single-family homes and multifamily units were built in 2018 alone, for a total of nearly 2 million homes since 1995.

ENERGY STAR certified homes are at least 10% more energy efficient than homes built to code and achieve a 20% improvement on average, while providing homeowners with better quality, performance, and comfort. EPA continues to advance its ENERGY STAR residential new construction program requirements as more rigorous building energy codes are developed and adopted by States. [Learn more.](#)



An ENERGY STAR certified home
in West Modesto, CA, built in 2011
by Habitat for Humanity

Existing homes programs

ENERGY STAR offers free online tools and resources to educate and empower homeowners with unbiased information from experts about actions they can take to improve their home's energy efficiency. In addition, programs such as [Home Performance with ENERGY STAR](#) and [ENERGY STAR Verified HVAC Installation](#) help homeowners find qualified participating contractors in their area. Consumers rely on ENERGY STAR as their trusted resource for practical information on saving energy, making use of popular tools such as the [ENERGY STAR Home Advisor](#) and the [Home Energy Yardstick](#).

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Program savings

In 2017, the ENERGY STAR certified new homes program helped homeowners save 3 billion kilowatt-hours of electricity, avoid \$400 million in energy costs, and achieve 3 million metric tons of greenhouse gas reductions.

Spotlight on: RaterPro™

In 2018, EPA introduced ENERGY STAR RaterPRO, a free web and mobile app that helps third-party home energy rating companies conduct on-site diagnostic testing and inspections to verify that homes meet established ENERGY STAR program requirements. RaterPRO improves upon the program's earlier paper checklists by letting Raters capture digital photos and notes, Geotag the inspection location, and automatically sync information to the Cloud. The all-digital workflow helps rating companies deliver accurate, high-quality ratings and ensures that every ENERGY STAR certified home meets the technical specifications and energy efficiency requirements.



Greenpoint Landing G2 Brooklyn, NY

Spotlight on: Certified Apartments and Condos

Historically, the ENERGY STAR program has had differentiated program specifications for high-rise and low-rise multifamily buildings. This situation sometimes created unnecessary complexity and confusion for program partners, especially when a single development project might contain buildings that fell under differing program requirements.

To address this issue and better serve partners in the multifamily sector,

in 2018 EPA developed the [ENERGY STAR Multifamily New Construction \(MFNC\) program](#), which provides a consistent specification for multifamily buildings of any height. The program features a blending of technical requirements and verification protocols from the previous high- and low-rise programs, and also ensures that common areas are always addressed in buildings earning the ENERGY STAR label.

EPA believes that the new MFNC program will provide needed flexibility for partners and program administrators, ensure that requirements are optimized for each project, and improve consistency with codes and market incentive programs. The new program became available for use in January 2019 and will be required for multifamily projects permitted on or after January 1, 2021.

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For additional details about ENERGY STAR achievements see energystar.gov/numbers For ENERGY STAR facts and figures broken down geographically by state, see energystar.gov/statefacts. For achievements by ENERGY STAR Award Winners, see energystar.gov/awards.