



## Proposed Criteria Residential Windows

### Scope

*Included products.* Windows for residential buildings are eligible for ENERGY STAR® Most Efficient 2019 recognition.

*Excluded products.* The following products are not eligible for ENERGY STAR Most Efficient 2019 recognition:

- Windows for commercial buildings
- Doors
- Skylights
- Tubular Daylighting Devices

### Recognition Criteria

- 1) Product must be ENERGY STAR certified consistent with applicable ENERGY STAR Partner Commitments and the requirements set forth in the latest version of the ENERGY STAR Program Requirements and Eligibility Criteria for Windows. Product performance (U-factor and SHGC) must be certified by a certification body recognized by the U.S. Environmental Protection Agency (EPA).
- 2) Products must be independently certified to meet the *North American Fenestration Standard/Specification (NAFS)* with a Performance Grade  $\geq 15$ . Acceptable certification bodies shall be accredited to operate in accordance with ISO/IEC 17065, by an accrediting body that is a signatory to the International Accreditation Forum *Multilateral Recognition Agreement*. NAFS certification does not require an EPA-recognized certification body.
- 3) Products must meet the applicable requirements shown in the table below:

Climate Zone	U-factor	SHGC
Northern	$\leq 0.20$	$\geq 0.20$
North-Central	$\leq 0.20$	$\leq 0.40$
South-Central	$\leq 0.20$	$\leq 0.25$
South	$\leq 0.20$	$\leq 0.25$

Note: SHGC = Solar Heat Gain Coefficient

The definition of “residential building” is found in the ENERGY STAR Program Requirements for Windows, Doors, and Skylights.

### Recognition Period

Upon review and approval of product applications received from ENERGY STAR Partners, EPA will add qualifying models to the ENERGY STAR Most Efficient 2019 product list for windows from January 1, 2019 through December 31, 2019. The ENERGY STAR Most Efficient 2019 designation may be used in association with window products recognized during this period for as long as the model remains on the market.