



Climate Protection Partnership Division  
U.S. EPA 6202J  
Washington, DC 20460

February 25, 2013

Dear ENERGY STAR<sup>®</sup> for Windows, Doors, and Skylights Stakeholder:

The U.S. Environmental Protection Agency (EPA) appreciates the comments provided by stakeholders on Drafts 1 and 2 of the ENERGY STAR for Windows, Doors, and Skylights Version 6.0 specification. Several stakeholders raised concerns during the Draft 1 comment response period regarding changes in test results for Tubular Daylighting Devices (TDDs). The Draft 2 specification did not include any revisions to address this issue because EPA believed the situation warranted further investigation.

EPA learned late last year that all TDDs would be retested and the corresponding TDD listings in the National Fenestration Rating Council (NFRC) Certified Products Directory (CPD) would be updated by January 1, 2013. After that date, EPA re-ran its CPD analysis on TDDs. Based on the findings of this analysis and additional skylight information received during the Draft 2 comment response period, EPA has modified the skylight criteria. Prior to finalizing the specification, EPA is seeking further stakeholder input on these proposed skylight criteria changes outlined below.

Climate Zone	U-Factor	Solar Heat Gain Coefficient (SHGC)
Northern	$\leq 0.45 \leq 0.47$	$\leq 0.35$ Any
North-Central	$\leq 0.47$	$\leq 0.30 \leq 0.35$
South-Central	$\leq 0.50$	$\leq 0.25 \leq 0.28$
Southern	$\leq 0.60$	$\leq 0.25 \leq 0.28$

#### **Northern Zone U-Factor Maximum Raised to 0.47**

The higher U-factor maximum will allow top-performing TDDs to continue to qualify for ENERGY STAR in the Northern Zone while also expanding the number of double-pane curb-mount and double-pane deck-mount skylights that can qualify.

#### **Any SHGC Now Allowed in Northern Zone**

EPA plans to do additional analysis of SHGC in the Northern Zone and to address this issue, if needed, in the next specification revision (Version 7).

#### **North-Central Zone SHGC Maximum Raised to 0.35**

EPA plans to do additional analysis of SHGC in the North-Central Zone and to address this issue, if needed, in the next specification revision (Version 7).

#### **SHGC Maxima Raised to 0.28 in the South-Central and Southern Zones**

These changes will address feasibility and affordability concerns raised by stakeholders during the Draft 2 comment response period.

**Submittal of Written Comments**

EPA is distributing these limited criteria revisions prior to finalizing the specification to allow stakeholders an opportunity to provide comments regarding these proposed changes. Written comments should be submitted to EPA at [windows@energystar.gov](mailto:windows@energystar.gov) no later than **Friday, March 8, 2013**. EPA will post all comments to the [ENERGY STAR Product Development website for windows, doors, and skylights](#), unless the submitter requests otherwise.

**Response to Comments on Draft 2 and Revised Skylight Criteria**

EPA is drafting responses to comments received on the Draft 2 criteria and will release comment responses at a later time. EPA plans to incorporate comments on this letter into the Draft 2 comment responses.

**Availability of Comments on Draft 2 and Revised Skylight Criteria**

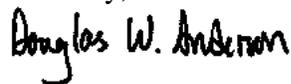
EPA plans to post all comments received on the Draft 2 criteria and the revised skylight criteria in the coming weeks.

**Effective Date**

EPA still anticipates finalizing the specification in April 2013, with a criteria effective date in early 2014.

Thank you for your continued support of ENERGY STAR.

Sincerely,



Douglas W. Anderson

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