



Department of Energy

Washington, DC 20585

May 16, 2008

Dear ENERGY STAR[®] for Windows, Doors, and Skylights Stakeholder:

The Department of Energy (DOE) has completed its initial analysis of technical and cost information and is pleased to present the preliminary criteria under consideration for ENERGY STAR qualified doors and skylights. DOE welcomes input with supporting technical and cost data from manufacturers in both of these categories.

Swinging Doors¹

DOE is proposing separate criteria for swinging doors that capture the maximum energy savings possible and are compatible with the dominant two-step manufacturing process and the NFRC door label. The table below shows the proposed door criteria for three phases of the criteria revision. Notable is that the criteria vary by percent of glazing and not by climate zone.

Preliminary ENERGY STAR Criteria for Swinging Doors*						
	2009		2013		2016	
Glazing	U	SHGC	U	SHGC	U	SHGC
Opaque	0.21	NR	0.19	NR	0.16	NR
1/4- and 1/2-Lite	0.25	0.30	0.22	0.30	0.20	0.30
3/4-Lite and Fully Glazed	0.32	0.30	0.30	0.30	0.28	0.30

* DOE may revise these criteria as warranted by the ongoing energy savings analysis.

¹ This category includes swinging doors only. Sliding doors are classified in the window category, because their higher level of glazing allows them to achieve criteria levels established for windows.

Skylights

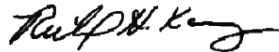
Similarly, DOE is proposing separate criteria for skylights that highlight their technological potential:

Preliminary ENERGY STAR Criteria for Skylights*						
	2009		2013		2016	
Climate Zone	U	SHGC	U	SHGC	U	SHGC
5	≤ 0.50	NR	≤ 0.46	NR	≤ 0.46	NR
4	≤ 0.55	≤ 0.40	≤ 0.50	≤ 0.35	≤ 0.50	≤ 0.35
3	≤ 0.55	≤ 0.35	≤ 0.55	≤ 0.32	≤ 0.55	≤ 0.32
2	≤ 0.57	≤ 0.32	≤ 0.55	≤ 0.30	≤ 0.55	≤ 0.30
1	≤ 0.65	≤ 0.30	≤ 0.60	≤ 0.27	≤ 0.60	≤ 0.27

* DOE may revise these criteria as warranted by the ongoing energy savings analysis.

DOE may revise the preliminary criteria for doors and skylights as warranted by the ongoing energy savings, technical and cost analysis. Please contact Alice Dasek at D&R International via e-mail at adasek@drintl.com or by phone at 301-588-9387 with any input or questions.

Sincerely,



Richard H. Karney, P.E.
ENERGY STAR Program Manager