



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF AIR AND RADIATION

January 3, 2017

Dear ENERGY STAR Windows, Doors, and Skylights Program Stakeholders,

The U.S. Environmental Protection Agency (EPA) has developed a new methodology for analyzing the National Fenestration Rating Council (NFRC) Certified Product Directory (CPD). In the spirit of collaboration, EPA invites all interested stakeholders to review the methodology and provide feedback.

The Windows Technology Pathways Methodology is available under the “In Development” tab at:

https://www.energystar.gov/products/building_products/residential_windows_doors_and_skylights/partners

This methodology enables EPA to analyze the performance that different combinations of technologies can deliver. With this methodology, EPA can control for one or more product characteristics, including operator type, frame material, spacer system, glass configuration, and gas fill, and generate tables and graphs that illustrate the distribution of performance for products with those characteristics. The methodology analyzes publicly available data and does not identify any specific manufacturers or product lines, and therefore does not expose any proprietary information. This methodology may be used in conjunction with other data and analysis as part of future specification revisions for the ENERGY STAR program for windows, doors, and skylights.

EPA intends to develop a complete analysis based on this methodology using available CPD data in 2017. Prior to proceeding with such an analysis, EPA would greatly appreciate feedback on the methodology from stakeholders, including answering the following questions:

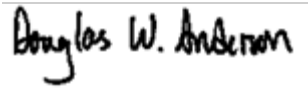
- Did EPA combine product characteristics into categories in an appropriate and accurate manner?
- Are there additional key product characteristics that should be included in the pathways?
- In the absence of a complete list of available product options, will this methodology provide a reasonable proxy to assess product availability?

To provide full transparency to the process, EPA can release a spreadsheet analysis with complete performance distributions based on the December 2015 CPD. EPA can also release this type of spreadsheet analysis for future versions of the CPD. However, EPA wants to provide an opportunity for stakeholders to explain any concerns they might have before it releases such an analysis.

Please submit all feedback in writing to windows@energystar.gov by February 3, 2017.

EPA looks forward to hearing from stakeholders.

Sincerely,

A handwritten signature in black ink that reads "Douglas W. Anderson". The signature is enclosed in a thin black rectangular border.

Douglas Anderson

Program Manager, ENERGY STAR for Windows, Doors, and Skylights
U.S. Environmental Protection Agency