

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



**OFFICE OF  
AIR AND RADIATION**

February 24, 2013

Dear ENERGY STAR<sup>®</sup> Displays Partner or Other Interested Stakeholder:

With this letter, the U.S. Environmental Protection Agency (EPA) launches a revision of the ENERGY STAR Displays specification. This letter highlights an initial list of priority areas and next steps in the revision process. EPA looks forward to working with stakeholders to develop a Version 7.0 specification that maintains ENERGY STAR as a market differentiator for displays, expands the scope of product sizes, and accounts for advances in technology.

Since the Version 6.0 specification requirements took effect in June 2013, initial review indicates that market share for computer monitors meeting these requirements has increased substantially. As a result, EPA intends to release a Draft 1 Version 7.0 Specification in April and shortly thereafter host a stakeholder webinar to engage stakeholders in an open discussion of the draft.

EPA plans to focus the specification development on the following revisions:

- Develop more stringent energy efficiency requirements across all products, based on recent market data and observations of the performance of existing ENERGY STAR certified products;
- Expand the scope of products to include professional signage displays greater than 60 inches in diagonal screen size;
- Assess networking developments and power usage;
- Review human interfaces, namely touch, and potentially other features such as gesture, depending on available data; and
- Develop a test method for testing DC-powered display products and more accurately account for DC-powered products in the specification.

EPA welcomes stakeholder suggestions on any other issues to be considered during the Version 7.0 specification revision process. EPA is also pleased to have the European Commission's consultation on this specification development.

**Data Assembly for Professional Signage, Networking, and Human Interface Features**

At the time the Version 6.0 specification was published, EPA flagged professional displays over 60 inches for consideration in the next revision. EPA sees an opportunity to recognize the most energy efficient displays ranging from large interactive touch boards to informational displays in hospitality, educational, and commercial environments, many of which are over 60 inches in diagonal screen size. As such, EPA

is interested in assembling data for these products tested per the existing Version 6.0 ENERGY STAR Test Method. In addition, EPA would like to better understand the performance of signage displays across all sizes in Sleep Mode, as EPA has learned that some models are unable to meet the ENERGY STAR Sleep Mode requirements, given their required functionalities in Sleep Mode. EPA is also interested in data on human interface (gesture, touch, and voice recognition) and networking functionalities for all display types, particularly for models not on the ENERGY STAR certified products list or expected on the market in the near term.

EPA will consider all data it receives shared via the enclosed Excel data assembly template. All data will be assembled and analyzed in a masked dataset. Please send any data via email to [displays@energystar.gov](mailto:displays@energystar.gov) by Friday, March 21, 2014.

**Draft 1 Test Method for DC-Powered Display Products:**

Display products that are primarily intended to be DC-powered are expected to become more prevalent in the coming years and, therefore, EPA seeks to account for them in this next revision. As a result, with this letter, the Department of Energy (DOE) releases its first draft of the test method for DC-powered products and welcomes stakeholder feedback on the draft in its entirety. DOE has also clarified a variety of issues in the displays test method, where stakeholder questions were previously received and DOE felt clarification was warranted. Please send any feedback via email to [displays@energystar.gov](mailto:displays@energystar.gov) by Friday, March 21, 2014.

**Summary of Timeline for Next Steps**

Date	Milestone
Today, February 24, 2014	Version 7.0 Displays specification launch. Data assembly call for professional signage products and release of Draft 1 Test Method for DC-powered Display products with additional clarifications.
March 21, 2014	Data assembly deadline for data on performance of professional signage products and comments due on Draft 1 Test Method for DC-powered products and clarifications.
Q2 2014	Draft 1 Version 7.0 specification release.
Q4 2014	Final Version 7.0 specification release.
Summer/Fall 2015	Version 7.0 specification effective.

I look forward to working with you throughout this process to develop the Version 7.0 ENERGY STAR Displays specification.

Specifications and meeting materials will be distributed via email and posted on the ENERGY STAR website. To track EPA's progress with the revision of this specification, please visit the product development website at [www.energystar.gov/revisedspecs](http://www.energystar.gov/revisedspecs) and navigate to "Displays."

Please contact me at [Radulovic.Verena@epa.gov](mailto:Radulovic.Verena@epa.gov) or (202) 343-9845, or Rachel Unger at [Rachel.Unger@icfi.com](mailto:Rachel.Unger@icfi.com) or (202) 572-9446 with questions or concerns. For any questions pertaining to the test procedure, contact Ashley Armstrong, DOE, at [Ashley.Armstrong@ee.doe.gov](mailto:Ashley.Armstrong@ee.doe.gov).

Thank you for your continued support of ENERGY STAR.

Best Regards,

A handwritten signature in black ink that reads "Verena Radulovic". The signature is written in a cursive style with a large initial 'V'.

Verena Radulovic, Product Manager  
ENERGY STAR for Consumer Electronics

Enclosures:  
Version 7.0 Data Assembly Form for Manufacturers  
Draft 1 Test Method for DC-powered Products