

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



OFFICE OF  
AIR AND RADIATION

January 30, 2009

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

On behalf of the U.S. Environmental Protection Agency (EPA) and the European Commission (EC), I am pleased to present you with the Final Version 5.0 ENERGY STAR Displays specification for products under 30 inches viewable diagonal screen size, and the Final Annex 1 to this specification, both enclosed. Note, EPA will distribute the Final Version 5.0 Displays specification for *all product sizes* on March 30, 2009, following EPA's ongoing collection and analysis of performance data for displays greater than or equal to 30 inches. This will replace the Final Version 5.0 specification included in this distribution, and go into effect on October 30, 2009.

The Final Version 5.0 ENERGY STAR Displays specification includes only modest changes from the Draft Final.

- EPA has removed the note boxes present in the Draft Final document.
- EPA has added to Annex 1 clarifying language noting that if the display's maximum luminance is less than the luminance prescribed for testing On Mode power consumption, the technician shall use the maximum luminance and report the value to EPA with other required testing documentation, and that if the display's minimum luminance is greater than the prescribed luminance, the technician shall use the minimum luminance and report the value to EPA. This is consistent with Version 4.1 of the specification.
- EPA has clarified the definition of Off Mode.

In the December 15, 2008 memorandum accompanying EPA's release of the Draft Final Displays specification Version 5.0, EPA proposed a separate finalization timeline for displays with a screen size equal to or greater than 30 inches, and distributed a new data collection tool incorporating the IEC 62087 Ed. 2.0 test procedure. EPA will continue to work with professional display manufacturers to collect and analyze performance data, and establish a new On Mode power consumption requirement, assuming the inclusion of professional displays in the program remains consistent with program principles. EPA anticipates an effective date of October 30, 2009 for professional displays will be feasible, and includes this date in the timeline below.

An updated proposed timeline for the Displays specification revision process is provided here:

February 11, 2009	–	Revised On Mode power consumption requirements for professional displays distributed to industry
February 18, 2009	–	Webinar to discuss revised On Mode power consumption requirements for professional displays
March 30, 2009	–	Final Version 5.0 Displays specification for all products distributed to industry
October 30, 2009	–	Effective date of Version 5.0 Displays specification for all display sizes

The Webinar to discuss the revised On Mode power consumption requirements for professional displays is scheduled for **Wednesday, February 18, 2009, from 11 AM to 1 PM, Eastern Standard Time**. EPA asks that stakeholders interested in participating in this Webinar RSVP by **Friday, February 13**, to receive sign-in information for the meeting. Please RSVP to Elliott Rector, ICF International, at [erector@icfi.com](mailto:erector@icfi.com).

All documents relating to the Version 5.0 Displays specification will be available at EPA's ENERGY STAR product development Web site in the coming days, including: this cover memo, the final specification, Annex 1 of the specification, and the Draft Final Comments Matrix. In an effort to keep the specification revision process as transparent as possible, all documents relating to the Displays specification revision process can be viewed

on the product development Web site at: [www.energystar.gov/productdevelopment](http://www.energystar.gov/productdevelopment). Click on the "Revisions to Existing Specifications" link, and then "Monitors/Displays."

In the coming months, EPA will provide Partners with separate instructions that explain how to continue as an ENERGY STAR Partner for Displays under the new Version 5.0 specification. The instructions EPA will provide at that time will include appropriate partnership and/or commitment forms for stakeholder use, and a forecast of product data submittal requirements in advance of the effective date of the specification. Once this specification goes into effect on October 30, 2009, the process to qualify displays will be generally consistent with the process under Version 4.1, with an active manufacturer partnership being required and data again collected through the Online Product Submittal (OPS) tool at [www.energystar.gov/ops](http://www.energystar.gov/ops). In summer 2009, EPA will update the OPS tool in conformity with the Version 5.0 specification. Manufacturers who fail to submit an updated Commitment Form by October 29, 2009, will be removed from the ENERGY STAR Partner List.

EPA wishes to express its sincere gratitude to all stakeholders in North America, Europe, Asia, and other parts of the world, who provided feedback during the ENERGY STAR Displays specification revision process. On behalf of EPA, I appreciate your participation in the development of this specification and look forward to working with each of you as you qualify and market your energy-efficient displays. If you have any questions or concerns about the specification or partnership process, please feel free to contact me at (202)-343-9046 or [kent.christopher@epa.gov](mailto:kent.christopher@epa.gov).

Best Regards,



Christopher Kent, EPA Product Manager  
ENERGY STAR Product Specification Development

Enclosure:

*Final Version 5.0 ENERGY STAR Displays Specification*

*Annex 1: Test Procedures for Displays with screen area less than 30 inches diagonal*