

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



OFFICE OF  
AIR AND RADIATION

February 10, 2011

Dear Displays Partner or Other Interested Party:

The U.S. Environmental Protection Agency (EPA) welcomes your input on the attached Draft 3 Version 6.0 ENERGY STAR® Displays specification, developed in consultation with the European Commission. Stakeholders are encouraged to submit comments to EPA no later than **March 9, 2012**. EPA anticipates finalizing this specification in the coming months and expects that this revision will take effect in early 2013.

The proposed Draft 3 requirements reflect comments received on the Draft 2 specification and test method. The following key changes are proposed in this Draft 3 Version 6.0 ENERGY STAR Displays specification:

- **On Mode Power Levels:** On Mode power levels for products 12”- 30” in diagonal screen size (computer monitors) have been revised. Based on its dataset, and in response to stakeholder feedback, EPA is proposing adjusted levels to ensure adequate selection of models at a full range of screen sizes. EPA is also proposing an approach for addressing products considered “high performance” or “enhanced-performance” displays.
- **Automatic Brightness Control (ABC):** A new approach is outlined to improve the ABC testing for displays to better reflect real-world use.
- **Test Method:** EPA and the U.S. Department of Energy (DOE) have added further clarity to select elements of the test method, especially parameters for both testing networked products and calculating screen luminance and room illuminance measures.
- **Partner Commitments:** EPA continues to be interested in working with LCD industry stakeholders through the ENERGY STAR program to reduce emissions of high global warming potential gases associated with LCD production. In light of the longer timeframes associated with implementing F-GHG abatement efforts, EPA is exploring alternative, near-term approaches to addressing the issues that are outside the scope of the ENERGY STAR specification for displays. In addition, based on the lack of information on how the definitions for sustainable packaging from the Sustainable Packaging Coalition could apply specifically to displays, at this time, EPA is removing the packaging requirement.

**Stakeholders are requested to provide comments on the Draft 3 specification no later than March 9, 2012. Please submit comments via e-mail to [displays@energystar.gov](mailto:displays@energystar.gov).** All comments received will be posted to the ENERGY STAR Product Development Web site, unless the submitter specifically requests that his or her comments remain confidential.

### **Displays Stakeholder Webinar to Discuss Draft 3**

On February 22, 2012, from 11am-2pm, Eastern Time, EPA will host a stakeholder webinar to present details on the revisions made in the Draft 3 Version 6.0 ENERGY STAR specification and the data analysis performed to date, as well as address stakeholder questions and concerns regarding the proposed changes. If you wish to attend this meeting, please RSVP to [displays@energystar.gov](mailto:displays@energystar.gov) no later than February 21, 2012, with the subject line "RSVP – ES Displays February 22 Webinar."

The exchange of ideas and information between EPA, industry, and other interested parties is critical to the success of ENERGY STAR. To track EPA's progress in revising the ENERGY STAR Displays specification and to review the summary of stakeholder comments in response to Drafts 1 and 2, please visit the Product Development website at [www.energystar.gov/RevisedSpecs](http://www.energystar.gov/RevisedSpecs) and click on "Displays."

Thank you for taking the time to review this Draft 3 specification. Stakeholders with questions or concerns can contact me directly at [Radulovic.Verena@epa.gov](mailto:Radulovic.Verena@epa.gov) or (202) 343-9845, or Bizhan Zhumagali, ICF International, at [BZhumagali@icfi.com](mailto:BZhumagali@icfi.com) or (202) 572-9448.

Best Regards,



Verena Radulovic, U.S. EPA  
ENERGY STAR for Consumer Electronics

Enclosures:

Draft 3 Version 6.0 ENERGY STAR Displays Specification  
Draft ENERGY STAR Displays Test Method  
Draft ENERGY STAR Displays Partner Commitments  
Version 6.0 ENERGY STAR Displays Masked Dataset  
Version 6.0 ENERGY STAR Displays Data Reporting Template