

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



OFFICE OF  
AIR AND RADIATION

March 11, 2008

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

In December 2007, the United States Environmental Protection Agency (EPA) distributed a testing request to stakeholders in support of the revision of the Version 4.1 ENERGY STAR computer monitor specification. At that time, EPA invited manufacturers to submit testing information on non-qualified computer monitors, professional displays, and digital photo frames. EPA would like to thank all those stakeholders that provided testing data to support development of the new Version 5.0 specification. A masked version of the data received to-date has been provided as an attachment to this memorandum.

Upon reviewing the product information submitted, there appears to be significant differences in the On Mode power consumption between the ENERGY STAR prescribed luminance level and the unit's default, as-shipped luminance level. (Please see accompanying chart entitled: On Mode Power Consumption at Minimum, Maximum, Default and ENERGY STAR Luminance Levels for a visual representation of this power consumption differential.) Based on this observation, EPA requests that manufacturers conduct additional testing on a sub-set of their currently qualified ENERGY STAR computer monitor models using three additional scenarios for luminance: minimum luminance, factory default luminance, and the unit's maximum luminance setting. In determining the subset of currently qualified models for testing, manufacturers are strongly encouraged to provide data on their most current and popular models in a range of resolutions and screen sizes so that the resulting dataset is representative of currently available models and models planned for introduction over the next year. This will ensure that revised performance levels are set at appropriate levels that are applicable to a variety of display products featured in the market.

Manufacturers that are interested in conducting additional product testing should use the test procedure guidelines specified in the Version 4.1 ENERGY STAR computer monitor specification, attached for your reference. We encourage you to submit your test results using the attached ENERGY STAR Monitor Data Collection Worksheet (Excel version provided). **Data received by Monday, March 31, 2008** will be considered during the development of the Draft 1 Version 5.0 ENERGY STAR computer monitor specification. **Test data should be sent to Mehernaz Polad, ICF International, at [mpolad@icfi.com](mailto:mpolad@icfi.com).** EPA intends to release a Draft 1 specification for stakeholder review and feedback in late April 2008.

I look forward to working with you in revising the ENERGY STAR computer monitor specification such that it recognizes leadership products when it comes to energy efficiency. Please feel free to contact me directly with any questions or concerns at (202) 343-9046 or via e-mail at [kent.christopher@epa.gov](mailto:kent.christopher@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Christopher Kent".

Christopher Kent  
ENERGY STAR Product Manager

Attachments:

Masked Dataset for Models Submitted in Response to December 2007 Testing Request  
Chart showing On Mode Power Consumption at Minimum, Maximum, Default and ENERGY STAR Luminance Levels  
ENERGY STAR Monitor Data Collection Worksheet & Testing Instructions  
Version 4.1 ENERGY STAR Computer Monitor Specification