

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



OFFICE OF  
AIR AND RADIATION

October 23, 2008

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

The U.S. Environmental Protection Agency (EPA) and the EC (European Commission) welcome your comments on the attached **Draft Final** Version 5.0 ENERGY STAR computer specification. This V5.0 specification will replace the current Version 4.0 specification once final. The proposed effective date for this specification is July 1, 2009.

EPA would like to thank all stakeholders who shared comments and data leading up to the creation of this Draft. This information was carefully reviewed and considered while developing this Draft Final document.

Below is a list of key changes/elements in the Draft Final. Note boxes are included throughout the draft specification to clarify EPA's reasoning for proposing the reflected changes:

- **Desktops**: Categories for Desktops were revised based on Stakeholder comments and data available, with TEC levels updated accordingly. The Draft Final categories include two categories, B and C, to address the mid-range market for the institutional and individual customer market segments;
- **Notebooks**: Categories for Notebooks were revised, again based on Stakeholder comments and data, to include a new Category C for mobile workstations. Such products were characterized as underrepresented in Version 4.0, and efficient mobile workstations meeting ENERGY STAR requirements have energy-saving potential as desktop replacements;
- **Workstations**: The graphics scaling concept introduced in Draft 3 has been revised based on Stakeholder suggestions during the comment period;
- **Game Consoles**: To allow for time to refine requirements and commence efforts to engage game publishers in the process, development of game console requirements will continue for two additional months. This effort will continue developing the concepts present in previous drafts of the Computer specification, and EPA will release a next draft of Game Console Requirements shortly. Once completed, requirements will be again included in the Version 5.0 Computer Specification. The continued work on game consoles will not impact the effective date for the remainder of the computer specification;
- **Small-Scale Servers**: Category C has been removed from the specification as forecasted in Draft 3;
- **Test Procedure**: Minor clarifications based on stakeholder comments have been added to the test procedure where noted;
- **Qualification Laboratory Requirements**: A notebox is included under qualification laboratory testing requirements in Section 2. Stakeholders are encouraged to comment on the applicability of the laboratory requirements to manufacturer-operated lab facilities.

Stakeholders are encouraged to review the Draft Final and provide written comments to Katharine Kaplan, US EPA, at [kaplan.katharine@epa.gov](mailto:kaplan.katharine@epa.gov) and Evan Haines, ICF International, at [ehaines@icfi.com](mailto:ehaines@icfi.com) **no later than October 30, 2008** to be considered in the Final Specification on October 31. All comments received will be posted to the ENERGY STAR Product Development Web site, unless the submitter specifically requests that their comments remain confidential.

This Draft Final Specification can be found on the ENERGY STAR Computer revision website at [http://www.energystar.gov/index.cfm?c=revisions.computer\\_spec](http://www.energystar.gov/index.cfm?c=revisions.computer_spec) along with other materials from the specification development process.

Thank you for your participation. I look forward to your feedback on the draft and further discussion as the Version 5.0 ENERGY STAR computer specification is finalized during October. I welcome you to contact me with any questions or concerns at (202) 343-9120 or the above email address.

Best Regards,

A handwritten signature in cursive script that reads "Katharine Kaplan".

Katharine Kaplan, U.S. EPA  
ENERGY STAR for Office Equipment

Attachment:

- Draft Final Version 5.0 ENERGY STAR Computer Specification;
- Masked Dataset;
- Notes on Draft Final Data; and
- Computer Verification Testing Guidelines and Procedures Manual V1.0 Draft 2.