

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



OFFICE OF
AIR AND RADIATION

July 17, 2008

Dear ENERGY STAR[®] Imaging Equipment Partner or Other Interested Party:

The U.S. Environmental Protection Agency (EPA) and the European Commission (EC) welcome your input on the attached Draft 2 Version 1.1 ENERGY STAR Imaging Equipment specification ("Draft 2"). EPA is revisiting the ENERGY STAR specification for imaging equipment to set Tier 2 performance levels that ensure the ENERGY STAR mark continues to represent the top performers in terms of energy efficiency.

To accurately determine the total number of imaging equipment models available for sale in the United States, EPA explored many different options with stakeholders and market research firms. The options explored did not provide the level of detail that was necessary for the data analysis. Therefore, based primarily on stakeholders' recommendations, EPA recorded individual model information directly from manufacturers' Web sites. Model information was obtained from Web sites of both partners and non-partners, accessed from May 29 to June 19. Any models listed on manufacturers' Web sites as available for sale in the United States were counted. The list of product models found on Web sites was distributed to manufacturers on June 20 to: 1) confirm the accuracy and completeness of product listings and 2) provide updates as needed to the product information listed.

EPA updated product listings based on stakeholder responses and added or subtracted products where applicable. EPA then cross-checked the products indicated as ENERGY STAR qualified on the updated product listings with product data from the ENERGY STAR database. Any incomplete product data was not included in the final analysis. The resulting product list formed the basis by which EPA determined the market share of ENERGY STAR qualifying products and set the proposed performance requirements for Draft 2.

Some of the key revisions of the Draft 2 specification include:

- Proposed new Typical Electricity Consumption (TEC) criteria based on qualified product data. Overall availability in the U.S. of all ENERGY STAR TEC products under Tier 1 was approximately 50%. The proposed new TEC levels represent approximately 25% of the most energy efficient models for each TEC category.
- Proposed new Sleep mode power requirements for Operational Mode (OM) products, where applicable. When market penetration of OM products under Tier 1 exceeded 25% of the market, Sleep requirements were adjusted accordingly.
- Inclusion of a power supply output rating secondary functional adder for products in the OM2 and OM6 categories. This adder was applied to products in only these two OM categories based on the data analysis and stakeholder feedback. This adder does not apply to products that fall under the other OM categories.

- Clarification on the definition of a digital front end (DFE) and updated energy-efficiency requirements on imaging equipment products sold with a DFE. DFE requirements no longer refer to another existing ENERGY STAR specification due to the fact that DFEs are a unique category of products not covered under existing specifications. DFE requirements are now contained solely within this specification.
- Extension of the effective date of Version 1.1 from April 1, 2009 to July 1, 2009. Version 1.0 requirements will be in effect until June 30, 2009 under this proposal.

Below is the current timeline of the specification revision process for the Imaging Equipment Version 1.1 ENERGY STAR specification.

Step	Suggested Date
Draft 2 distributed	July 16, 2008
Comments on Draft 2 due	August 6, 2008
Stakeholder Webinar (if necessary)	Week of August 11, 2008
Final Draft distributed	August 27, 2008
Comments on Final Draft due	September 17, 2008
Final Specification distributed	October 1, 2008
Effective Date	July 1, 2009

As always, the exchange of ideas and information among EPA, industry, and other interested parties is critical to the success of ENERGY STAR. Manufacturers are strongly encouraged to provide written feedback on Draft 2 Version 1.1 specification to Bijit Kundu at bkundu@icfi.com by **August 6, 2008**.

Based on stakeholder feedback on Draft 2, EPA will consider hosting a Web-based stakeholder meeting during the week of August 11, 2008. Meeting details and an agenda will be distributed as appropriate.

To track EPA's progress in revising the ENERGY STAR specification for imaging equipment, visit the Product Development Web site at www.energystar.gov/productdevelopment and click on "Revisions to Existing Specifications." In an effort to keep the specification revision process as transparent as possible, all documents relating to Version 1.1 imaging equipment specification will be posted at the above site in the coming days, including the attached files: this cover memo, the Draft 2 Version 1.1 specification, and the Draft 2 data summary document. Furthermore, partner comments and the data used in the analysis will be posted shortly.

Thank you for taking the time to review this draft specification. 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.

Sincerely,



Christopher Kent
ENERGY STAR Product Development