

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



OFFICE OF  
AIR AND RADIATION

April 10, 2008

Dear ENERGY STAR<sup>®</sup> Imaging Equipment Partner or Other Interested Party:

The U.S. Environmental Protection Agency (EPA) welcomes your input on the attached Draft 1 Version 1.1 Imaging Equipment ENERGY STAR specification. The current Version 1.0 ENERGY STAR specification has been in effect since April 2007 and availability of qualified models has been increasing steadily for most product categories. 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.

Some of the key revisions of this specification include:

- Proposed new TEC lines based on qualified product data. Overall availability in the U.S. of all ENERGY STAR TEC products under Tier 1 was close to 50%. The proposed new TEC levels represent approximately 25% of the most energy efficient models for each TEC category.
- Proposed new Sleep requirements for OM products, where applicable. When market penetration of OM products under Tier 1 exceeded 25% of the market, Sleep requirements were adjusted accordingly.
- Elimination of the power supply output rating adder for OM products. Because the power supply size is not directly related to the energy efficiency of imaging products, EPA proposes to eliminate the use of this adder in calculation of the OM products sleep allowances.
- Guidance on imaging equipment products sold with an external power adapter and/or an external digital front end. Imaging products that make use of products addressed by other ENERGY STAR specifications must use components that are capable of meeting the respective ENERGY STAR specifications in effect on the imaging equipment product's date of manufacture.
- Proposed new Standby requirement for large format OM products and mailing machines.

To determine of the availability of ENERGY STAR qualified imaging products currently available in the market under Tier 1, EPA used the information on imaging equipment available from consumer buying guides (Better Buys for Business) listing imaging equipment sold in the U.S. to obtain the total number of imaging products available. The numbers of products were then compared against equivalent models listed in the ENERGY STAR qualified product list to get the percent of the total market that are ENERGY STAR qualified. This percent formed the basis of how EPA modified existing requirements for OM and TEC products.

EPA does not have data on monochrome product speed for *non qualified* TEC products and, therefore, cannot calculate the percent ENERGY STAR qualified across the speed ranges. In

order to get an accurate picture of the overall marketplace for TEC products over the speed ranges, EPA encourages manufacturers to submit monochrome speed information for your non-qualified TEC products using the attached worksheet to Bijit Kundu at [bkundu@icfi.com](mailto:bkundu@icfi.com) by **May 1, 2008**.

EPA will host a meeting in Washington, DC on **May 7, 2008**, from 9:00 to 2:30pm Eastern Standard Time, to present the specification revision process, provide details on revisions to Draft 1 and the data analysis performed to date, and address stakeholder questions and concerns regarding the proposed changes. If you would like to participate in this meeting, please RSVP by **May 1, 2008** to Bijit Kundu at (202) 862-1157 or [bkundu@icfi.com](mailto:bkundu@icfi.com). Details and an agenda will be forthcoming.

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

Step	Suggested Date
Draft 1	April 10, 2008
Comments on Draft 1	May 1, 2008
Stakeholder Meeting	May 7, 2008
Comments from Meeting	May 14, 2008
Final Draft	May 21, 2008
Comment on Final Draft	June 11, 2008
Final Specification	July 1, 2008
Effective Date	April 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 1 Version 1.1 specification to Bijit Kundu at [bkundu@icfi.com](mailto:bkundu@icfi.com) by **May 1, 2008**.

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](http://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 1 Version 1.1 specification, the data summary document, and the data collection form. 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. I look forward to working with you over the next few months. 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,



Christopher Kent  
ENERGY STAR Product Development