



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

OFFICE OF
AIR AND RADIATION

February 14, 2008

Dear Computer Server Manufacturer of Other Interested Stakeholder:

The U.S. Environmental Production Agency (EPA) is pleased to offer for comment the following Draft 1 ENERGY STAR specification for Computer Servers. The purpose of this Draft 1 document is to introduce key elements of the specification and seek stakeholder feedback on EPA's proposed approach. **The deadline to provide comments on the Draft 1 specification is March 14, 2008.**

The Draft 1 Program Requirements document (i.e., specification) includes two sections. The Eligibility Criteria outlines the proposed draft product criteria and testing procedures that manufacturers would be required to meet in order to qualify their products as ENERGY STAR. Also enclosed are the ENERGY STAR Partner Commitments, which outline the basic partnership requirements for participating manufacturers that are standard across all product categories. These standard program requirements address the use of the ENERGY STAR mark, submittal of ENERGY STAR shipment data, and reporting of qualifying product information.

The proposed draft criteria are the result of EPA's research to date and stakeholder comments submitted on the previous Draft Framework document, which was issued on July 20, 2007. Additional discussion points regarding the draft criteria are presented in note boxes found throughout the document. These note boxes are intended to provide added context and rationale for stakeholders. The following are the key elements of the Draft 1 specification:

- Definitions and Eligible Product Categories
- Power Supply Efficiency
- Idle Power
- Standard Information Reporting Requirements
- Power and Temperature Measurement Requirements
- Power Management and Virtualization Requirements
- Energy Efficiency Performance Benchmarks

EPA is interested in finalizing this specification as quickly as possible while allowing for sufficient stakeholder input and ensuring that the finished product is technically sound and consistent with ENERGY STAR program principles. EPA's intent for a swift development process is in response to the growing interest and demand for a server specification from data

center operators/IT purchasers, several governments, and utility and regional energy efficiency programs. Please note that this product is also covered by the European Union (EU)-United States (US) Agreement on labeling of office equipment.

Comment Submittal Process

The exchange of ideas and information among EPA, industry, and other interested parties is critical to the success of ENERGY STAR. As such, you are strongly encouraged to provide written feedback to EPA on this Draft 1 document. Interested stakeholders should send comments to Rebecca Duff, ICF International, at rduff@icfi.com by **March 14, 2008**

Please provide input in writing and indicate areas for improvement as well as areas that meet with your approval. All comments will be posted to the ENERGY STAR Product Development Web site unless the submitter requests that their comments not be posted.

To track EPA's progress in developing the ENERGY STAR specification for computer servers, visit the Product Development Web site at www.energystar.gov/productdevelopment.

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 (206) 553-6377 or via e-mail at fanara.andrew@epa.gov.

Sincerely,



Andrew Fanara, EPA
ENERGY STAR Product Development