

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



OFFICE OF
AIR AND RADIATION

March 8, 2004

Dear Power Supply Manufacturers and Other Industry Stakeholders:

EPA was pleased to announce the completion of the Preliminary Draft 1 Eligibility Criteria for External Power Supplies and Final Test Procedure at the recent Applied Power Electronics Conference and Exposition (APEC) in Anaheim, CA on February 23, 2004. Both of these documents are attached for your review and available on the ENERGY STAR Web site at: www.energystar.gov/powersupplies. Please note that the Test Procedure is final and comments are not being collected on this document at this time.

The Preliminary Draft 1 Eligibility Criteria targets single voltage external ac-dc power supplies and proposes energy efficiency requirements under both Active and No-Load conditions. At this time, the draft document represents EPA's proposal for a technical specification. Further discussions with industry stakeholders are needed before determining additional program requirements such as labeling and manufacturer reporting requirements.

EPA is interested in any comments you might have on the Preliminary Draft 1 Eligibility Criteria. To the extent it is feasible for your evaluation to include product testing, we encourage you to submit your test results using the ENERGY STAR single voltage external ac-dc power supplies test report. A sample of this report is attached. A Microsoft Access data input form is being developed to allow data to be entered directly into the designated fields and graphed at the time of testing, which will ensure consistency in the results being reported. EPA hopes to provide the electronic report to power supply manufacturers within the next two weeks. Please submit all comments and data to Brooke Taylor, ICF Consulting, at btaylor@icfconsulting.com. **Data and comments received by April 15, 2004 will be considered.**

EPA will review and consider all stakeholder comments during this product development process. **Comments will be posted on the ENERGY STAR Web site for review, unless the submitter indicates otherwise.** If you support/concur with the Preliminary Draft 1 Eligibility Criteria, or do not wish to comment, please state this in writing. It is equally important that EPA understands which portions of the draft specification meet with industry approval, in addition to identifying the sections that may need further revision and/or explanation.

While reviewing this draft document, please keep in mind that it is not EPA's intention to design a specification that will allow every model to qualify. Typically, when EPA sets a specification, its intent is to initially recognize only the top performers in the market. For products that do not

initially meet this specification version, it is EPA's hope that manufacturers will strive to comply over time, thus leading to more energy-efficient power supply choices.

The anticipated next steps in the development of the ENERGY STAR single voltage external ac-dc power supplies specification are as follows:

- Industry representatives to test their latest power supply models using the attached test procedure
- Industry to submit comments and power consumption data **by April 15, 2004**
- EPA to review comments and aggregate and analyze power consumption data
- EPA to host an industry meeting to discuss comments and test data received (May timeframe)
- EPA to release a Second Draft of the ENERGY STAR specification for single voltage external ac-dc power supplies (June timeframe)

As always, EPA appreciates your comments during this specification development process. The exchange of ideas and information between EPA, industry, and other interested parties is critical to the success of ENERGY STAR. If you have any questions or concerns, please feel free to contact me at Fanara.Andrew@epa.gov or (202) 343-9019.

Respectfully,



Andrew Fanara
EPA Program Manager

Attachments:

Preliminary Draft 1 ENERGY STAR Eligibility Criteria for External Power Supplies
Final Test Procedure for Calculating the Energy Efficiency of Single Voltage External Ac-Dc Power Supplies
Ac-Dc Single Voltage External Power Supply Test Report