

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



OFFICE OF  
AIR AND RADIATION

March 22, 2004

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

In late February 2004, EPA announced the completion of a new external power supply test procedure and first Draft ENERGY STAR single voltage external ac-dc power supply specification at the Applied Power Electronics Conference and Exposition (APEC) in Anaheim, CA. Immediately following the announcement, APEC organized a press event during which representatives answered questions regarding current power supply initiatives and the launch of a power supply design competition. The following documents and information regarding APEC activities can be found on the ENERGY STAR Web site at [www.energystar.gov/powersupplies](http://www.energystar.gov/powersupplies):

- Preliminary Draft 1 Eligibility Criteria for external power supplies
- Test Method for Calculating the Energy Efficiency of Single-Voltage External Ac-Dc Power Supplies
- EPA's press release
- Q&A document
- EPA's presentation at APEC
- Design competition media advisory
- Links to APEC/ENERGY STAR articles included in *Power Electronics Technology Magazine* and *Electronic Engineering Times*

With more than a billion external power supplies shipped worldwide each year, the power supply industry offers significant energy savings potential. In the United States, the total amount of electricity that flows through external and internal power supplies is more than 207 billion kWh/year (worth about \$17 billion/year), or about six percent of the national electric bill. More efficient designs could save an estimated 15 to 20 percent of that energy.

In addition to working directly with power supply manufacturers, EPA is encouraging its current ENERGY STAR partners to provide ideas and input on the Draft ENERGY STAR specification for single voltage external ac-dc power supplies. When final, the specification will apply to existing ENERGY STAR product categories, notably consumer electronics and office equipment, as well as other applicable non-ENERGY STAR product categories. *EPA's current plan is to phase the new external power supply specification into existing ENERGY STAR specifications as they are opened up for revision.*

Please send all comments on the Draft ENERGY STAR external power supply specification to Brooke Taylor, ICF Consulting, at [btaylor@icfconsulting.com](mailto:btaylor@icfconsulting.com) by **April 15, 2004**. Planning is underway to host a stakeholder meeting in May 2004. The details, including meeting date, time, and location, will be provided shortly in subsequent correspondence.

If you have any questions or concerns, please feel free to contact me directly at (202) 343-9019 or [fanara.andrew@epa.gov](mailto:fanara.andrew@epa.gov). Thank you for your continued support of ENERGY STAR.

Sincerely,

A handwritten signature in black ink, appearing to read 'Andrew Fanara', with a long horizontal flourish extending to the right.

Andrew Fanara  
ENERGY STAR Product Development