

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



OFFICE OF
AIR AND RADIATION

November 1, 2004

Efficiency Challenge 2004 – Power Supply Design Competition
Submission Deadline November 15

Dear Power Supply Manufacturers, ENERGY STAR® Partners, and Other Interested Parties:

The U.S. Environmental Protection Agency (EPA) and the California Energy Commission formally announced Efficiency Challenge 2004, an international design competition for power supply efficiency, February 23, 2004 at the Applied Power Electronics Conference and Exposition (APEC). Winners will be announced at APEC 2005, which will be held in Austin, Texas, March 6-10.

The deadline to submit entries is upon us – they must be received by November 15, 2004 to be considered. Please visit <http://www.efficientpowersupplies.org/pages/EC200FullDescription041904.pdf> to review the final submission guidelines. In particular, please take note of the following items relevant to submission:

- Entries must be **received** by November 15 (not postmarked on November 15) including all relevant information listed on page 18 of the full rules document.
- Although the internal and external power supply test procedures have been revised since the announcement of the competition, the protocols cited in the full rules document will be used to judge the competition. (External Test Procedure dated February 13, 2004; Internal Test Procedure dated February 15, 2004)
- If you: 1) are submitting to one of the Market-Ready Categories (internal or external), 2) are **not** designing according to the specifications provided by Intel, Sony, or Pace Micro, and 3) intend to score points in the system efficiency section of the scoring criteria, then you need to send the product powered with the power supply and an efficiency summary for the system. If you have any questions on this, please see pages 15-16 and page 18 of the full rules.
- Entries submitted to the Market-Ready Class Single Voltage External and Open Class Single Voltage External categories should be sent to Ecos Consulting. Entries submitted to the Market-Ready Internal category should be sent to EPRI-PEAC. Please see page 4 of the full rules document for the addresses.
- Please note that the administrators or sponsors of the competition are not responsible for entries that are inoperable on arrival or damaged during shipment (either physically or electrically). Please package your entries such that their safe arrival is assured.
- You will be sent a notification once your entry has been received. The contact person associated with the entry should expect to fill out a few pages of paperwork in late November or early December.

Your involvement in ENERGY STAR's consumer and/or office electronics initiatives is making a difference to your customers and the world we all share. Please contact contest administrator Suzanne

Foster at sfoster@ecosconsulting.com or by telephone at (970) 259-6801 x 302 with any questions about Efficiency Challenge 2004. Any other questions may be directed to me at Fanara.Andrew@epa.gov or by telephone at (202) 343-9019. Thank you.

Best regards,

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

Andrew Fanara, US EPA
ENERGY STAR Specification Development