

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



OFFICE OF
AIR AND RADIATION

August 17, 2005

Dear ENERGY STAR® Computer Stakeholder:

EPA is continuing to work toward a Draft 1 of the revised computer specification (Version 4.0). To assist with ongoing stakeholder discussions regarding the variety of product categories potentially covered by the specification, EPA has developed individual product category framework documents for desktops, notebooks, desktop-derived servers, and workstations. These framework documents present EPA's current thinking on the following topics:

- **Qualifying Product Definitions** – provides a list of product types that could qualify as ENERGY STAR and their definitions.
- **Hardware Requirements** – addresses minimum efficiency requirements for external and internal power supplies.
- **Modes of Operation** – addresses maximum energy consumption levels for active (idle), sleep, and off modes.
- **Power Management Requirements** – proposes shipment and other requirements to facilitate power management enabling.
- **Effective Date** – proposes the date(s) by which all models manufactured would be required to meet the revised specification levels.

Note boxes are included to provide additional clarification and identify changes made since the Preliminary Draft specification.

These framework documents are not intended to replace the Draft 1 specification. Rather, they provide an opportunity for EPA and stakeholders to identify and determine those areas that need additional research and discussion on a product-by-product basis prior to developing a subsequent version. For those areas that need additional research, such as idle state, specific numbers have been removed until EPA can determine an appropriate definition and test method. It is EPA's hope that these documents can be used by all stakeholders in working toward the Draft 1 document.

At the same time, EPA is continuing to work with industry stakeholders to determine ways to increase power management enabling rates. Where possible, EPA will include power management requirements under Tier I to assist EPA's overall power management initiative. To learn more about EPA's ongoing power management efforts, contact Steve Ryan, EPA, at ryan.steven@epa.gov.

EPA is also considering other product types, such as game consoles, that have similar architectures and functionalities as computers and as a result, could be covered by this specification. EPA is conducting preliminary research on game consoles and developing a similar framework document for stakeholder review. Those interested in assisting EPA in its research of this product category should contact Rebecca Duff, ICF Consulting, at rduff@icfconsulting.com.

If you would like to meet with EPA to discuss these framework documents in greater detail, please feel free to contact me at (202) 343-9019 or fanara.andrew@epa.gov. I look forward to working with you over the next few months to develop a Draft 1 specification.

Best Regards,

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

Andrew Fanara, U.S. EPA
ENERGY STAR for Office Equipment