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11 August 2005

Paul S Eastman  
RF Networks  
10201 N. 21st Ave., #9  
Phoenix, AZ 85021  
p.eastman@computer.org

Re: P1680 - Standard for Environmental Assessment of Personal Computer products  
(including laptop and desktop computers, and monitors)

Dear Paul:

I am pleased to inform you that on 11 August 2005 the IEEE-SA Standards Board approved the above referenced project until 31 December 2009. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/1680.pdf>.

Now that your project has been approved, please forward a roster of participants involved in the development of this project. This request is in accordance with the IEEE-SA Operations Manual, Clause 5.1.2i under Duties of the Sponsor which states:

"Submit annually to the IEEE Standards Department an electronic roster of individuals participating on standards projects"

For your convenience, an Excel spreadsheet for your use has been posted on our website at <http://standards.ieee.org/guides/par/roster.xls>. Please forward this list to me via e-mail at [j.haasz@ieee.org](mailto:j.haasz@ieee.org) no later than 09 November 2005.

Please visit our website, IEEE Standards Development Online (<http://standards.ieee.org/resources/development/index.html>), for tools, forms and training to assist you in the standards development process. Also, we strongly recommend that a copy of your draft be sent to this office for review prior to the final vote by the working group to allow for a quick review by editorial staff before sponsor balloting begins.

If you should have any further questions, please contact me at 732-562-6367 or by email at [j.haasz@ieee.org](mailto:j.haasz@ieee.org).

Sincerely,

Jodi Haasz  
Program Manager  
International Stds Programs and Governance  
Standards Activities  
Phone +1 732 562 6367  
FAX +1 732 875 0695  
Email: [j.haasz@ieee.org](mailto:j.haasz@ieee.org)

CC: [susan.land@ngc.com](mailto:susan.land@ngc.com), [elwood.holly@epa.gov](mailto:elwood.holly@epa.gov), [lchalfan@zerowaste.org](mailto:lchalfan@zerowaste.org)

# PAR FORM

**PAR Status:** New PAR

**PAR Approval Date:** 2005-08-11

**PAR Signature Page on File:** Yes

**1. Assigned Project Number:** P1680

**2. Sponsor Date of Request:** 2005-05-17

**3. Type of Document:** Standard for

**4. Title of Document:**

**Draft:** Standard for Environmental Assessment of Personal Computer products (including laptop and desktop computers, and monitors)

**5. Life Cycle:** Full-Use

**6. Type of Project:**

**6a. Is this an update to an existing PAR?** No

**6b. The Project is a:** New Standard

**7. Working Group Information:**

**Name of Working Group:** Workgroup for the IEEE Standard for Environmental Assessment of Personal Computer Products

**Approximate Number of Expected Working Group Members:**20

**8. Contact information for Working Group Chair:**

**Name of Working Group Chair:** Holly Elwood

**Telephone:** +1 202 564 8854 **FAX:** +1 202 564 8899

**Email:** elwood.holly@epa.gov

**9. Contact information for Co-Chair/Official Reporter, Project Editor or Document Custodian if different from the Working Group Chair:**

**Name of Co-Chair/Official Reporter, Project Editor or Document Custodian:** Larry Chalfan

**Telephone:** +1 503 279 9383 **FAX:** +1 503 279 9381

**Email:** lchalfan@zerowaste.org

**10. Contact information for Sponsoring Society or Standards Coordinating Committee:**

**Name of Sponsoring Society and Committee:** IEEE Computer Society Standards Activities Board

**Name of Sponsoring Committee Chair:** Susan K Land

**Telephone:** 256-213-5462 **FAX:** 256-883-0212

**Email:** susan.land@ngc.com

**Name of Liaison Rep. (if different from the Sponsor Chair):** Paul S Eastman

**Telephone:** 602 861 3652 **FAX:** 602 861 0251

**Email:** p.eastman@computer.org

**Name of Co-Sponsoring Society and Committee:**

**Name of Co-Sponsoring Committee Chair:**

**Telephone: FAX:**

**Email:**

**Name of Liaison Rep. (if different from the Sponsor Chair):**

**Telephone: FAX:**

**Email:**

**11. The Type of ballot is:** Individual Sponsor Ballot

**Expected Date of Submission for Initial Sponsor Ballot:** November 2005

**12. Projected Completion Date for Submittal to RevCom:** July 2006

**Target Extension Request Information for a Modified PAR whose completion date is being extended past the original four-year life of the PAR:**

**13. Scope of Proposed Project:**

This document defines environmental performance standards for desktop computers, laptop computers and monitors.

The standard addresses the following eight categories of environmental product performance:

1. Reduction/Elimination of Environmentally Sensitive Materials
2. Materials Selection
3. Design for End of Life
4. Life Cycle Extension
5. Energy Conservation
6. End of Life Management
7. Corporate Performance
8. Packaging

**Is the completion of this document contingent upon the completion of another document?**

No

**14. Purpose of Proposed Project:**

The intent of this Standard is to provide a clear and consistent set of performance criteria for the design of computer desktops, laptops, and monitors, and to provide an opportunity to secure market recognition for efforts to reduce the environmental impacts of these products. The environmental performance criteria of this standard is intended to define a measure of environmental leadership in the design and manufacture of these products, in the delivery of specified services that are associated with the sale of the product, and in associated corporate performance characteristics. The standard is defined with the intention that the criteria are technically feasible to achieve, but that only products demonstrating the best environmental performance currently available in the marketplace would meet them at the time of their adoption. As the environmental performance of products that are available in the marketplace improves, it is intended that the criteria will be updated and revised to set a higher performance standard for leadership products.

**15. Reason for the Proposed Project:****THE PROBLEM BEING ADDRESSED:**

There is no comprehensive standard for evaluating environmental attributes of electronic products.

**BENEFITS OF THIS STANDARD:**

This standard offers many benefits for institutional purchasers, manufacturers, and the environment, including: Providing institutional purchasers with:

- An easy way to specify and purchase computer products that meet challenging yet realistic environmental criteria simply by requiring that the equipment meet an IEEE Standard.
- An efficient and credible means for verifying that equipment meets the criteria.
- Flexibility to select equipment that meets the minimum performance criteria or to give preference to models with more environmental attributes by specifying a higher qualification level.
- Credibility for the procurement decisions since the Standard is being developed through a consensus process that balances the concerns of purchasers, industry, environmental groups and other stakeholders. Providing manufacturers with:
  - One clear set of environmental performance criteria for the design of products and services.
  - A market advantage for environmentally preferable products. Providing environmental stakeholders with:
    - A credible assessment of electronic products based on environmental criteria.

**STAKEHOLDERS FOR THIS STANDARD:**

- Institutional Purchasers
- Electronic Product Manufacturers
- Trade Associations
- Non-Profit and Advocacy Organizations
- Government
- Recyclers

**16. Intellectual Property:**

**a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR?** Yes 2005-05-17

**b. Is the sponsor aware of copyright permissions needed for this project?** Yes

Need to determine if letters of permission are needed from other groups whose standards we have incorporated into our draft standard (i.e. Energy Star, Restriction of Hazardous Substances Directive (RoHS), The Swedish Confederation of Professional Employees (TCO), Blue Angel, etc.)

**c. Is the sponsor aware of trademarks that apply to this project?** Yes

Energy Star is a trademark which this standard will reference.

**d. Is the sponsor aware of possible registration activity related to this project?** No

**17. Are there other documents or projects with a similar scope?** No

**Similar Scope Project Information:**

**18. Is there potential for this document (in part or in whole) to be adopted by another**

**national , regional or international organization? Yes**

**If yes, the following questions must be answered:**

**Organization Name?** ISO SC7

**Technical**

**Committee**

**International** James W Moore

**Contact** The MITRE Corp.

**Information?** 7515 Colshire Drive

H505

McLean, VA 22102-7508

james.w.moore@ieee.org

**19. Will this project result in any health, safety, or environmental guidance that affects or applies to human health or safety? Yes**

**If yes, please explain:**

The standard will help reduce human health and environmental impacts of computer products throughout the life cycle.

**20. Sponsor Information**

**a. Is the scope of this project within the approved/scope/definition of the Sponsor's Charter? Yes**

**If no, please explain:**

**b. The Sponsor's procedures have been accepted by the IEEE-SA Standards Board Audit Committee? Yes**

**21. Additional Explanatory Notes: (Item Number and Explanation)**