

# P1680.1

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**Submitter Email:** wayne.rifer@greenelectronicscouncil.org

**Type of Project:** Modification to Approved PAR

**PAR Request Date:** 03-Feb-2009

**PAR Approval Date:** 19-Mar-2009

**PAR Expiration Date:** 31-Dec-2011

**Status:** Modification to a Previously Approved PAR

**Root PAR:** P1680.1 **Approved on:** 05-Dec-2007

**Project Record:** 1680.1

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**1.1 Project Number:** P1680.1

**1.2 Type of Document:** Standard

**1.3 Life Cycle:** Full Use

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**2.1 Title:** Standard for Environmental Assessment of Personal Computer Products, Including Notebook Personal Computers, Desktop Personal Computers, and Personal Computer Displays

**Old Title:** Standard for Environmental Assessment of Personal Computer Products, including Laptop Computers, Desktop Personal Computers, and Personal Computer Monitors

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**3.1 Working Group:** Workgroup for the IEEE Standard for the Environmental Assessment of Personal Computer Products (C/EASC/1680.1\_WG)

**Contact Information for Working Group Chair**

**Name:** Wayne Rifer

**Email Address:** wayne.rifer@greenelectronicscouncil.org

**Phone:** 5036440294

**Contact Information for Working Group Vice-Chair**

None

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**3.2 Sponsoring Society and Committee:** IEEE Computer Society/Environmental Assessment Standards Committee (C/EASC)

**Contact Information for Sponsor Chair**

**Name:** Holly Elwood

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

**Phone:** 202-564-8854

**Contact Information for Standards Representative**

None

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**4.1 Type of Ballot:** Individual

**4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot:** 03/2009

**4.3 Projected Completion Date for Submittal to RevCom:** 07/2009

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**5.1 Approximate number of people expected to be actively involved in the development of this project:** 70

**5.2 Scope:** This Standard defines environmental performance criteria for personal computer products, including desktop computers, notebook computers, and computer displays. The environmental performance criteria relate to reduction or elimination of environmentally sensitive materials, materials selection, design for end of life, life cycle extension, energy conservation, end of life management, corporate performance and packaging. Guidelines and implementation procedures for this standard are included in the umbrella standard, IEEE 1680.

**Old Scope:** This Standard defines environmental performance standards for personal computer products, including desktop computers, notebook computers, and computer monitors, relating to reduction or elimination of environmentally sensitive materials, materials selection, design for end of life, lifecycle extension, energy conservation, end of life management, corporate performance and packaging.

**5.3 Is the completion of this standard dependent upon the completion of another standard:** Yes

**If yes please explain:** The umbrella standard 1680 "Standard for Environmental Assessment of Electronic Products" must be completed. A separate and accompanying PAR has been submitted for the revision of the existing 1680 standard into the new umbrella standard 1680.

**5.4 Purpose:** This Standard provides a clear and consistent set of performance criteria for the design of personal computer products thereby providing an opportunity to secure market recognition for

**Old Purpose:** This Standard provides a clear and consistent set of performance criteria for the design of personal computer products, and provides an opportunity to secure market

efforts to reduce the environmental impact of electronic products. This standard is intended to provide a tool for government, institutional and corporate purchasers. Product manufacturers may also use this tool to earn recognition in the consumer market, recognizing that certain criteria may not be applicable to all types of purchasers.

The environmental performance criteria of this Standard are intended to define a measure of environmental leadership in: the design and manufacture of personal computer products; the delivery of specified services that are associated with the sale of the product; and in associated corporate performance characteristics.

This Standard is defined with the intention that the criteria are technically feasible to achieve, but that only products demonstrating the leading 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.

recognition for efforts to reduce the environmental impact of electronic products. The environmental performance criteria of this Standard are intended to define a measure of environmental leadership in: the design and manufacture of personal computer products; the delivery of specified services that are associated with the sale of the product; and in associated corporate performance characteristics. This Standard is defined with the intention that the criteria are technically feasible to achieve, but that only products demonstrating the leading 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.

**5.5 Need for the Project:** This standard 1680.1 will consist of environmental criteria and other materials that relate specifically to personal computer products. The existing section one of 1680 is being edited in an accompanying PAR and revised into the new umbrella standard 1680. The material in sections two through four of the existing Standard 1680 that relate specifically to personal computer products will be cut from that standard in its revision process, edited as appropriate, and inserted into this new standard 1680.1.

**5.6 Stakeholders for the Standard:** Public and Private Institutional Purchasers

Consumers

Electronic Product Manufacturers

Trade Associations

Non-Profit and Environmental Advocacy Organizations

Government

Electronics recyclers

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## Intellectual Property

**6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR prior to the PAR submittal to the IEEE-SA Standards Board?:** Yes

**If yes, state date:** 02-Oct-2008

**6.1.b. Is the Sponsor aware of any copyright permissions needed for this project?:** No

**6.1.c. Is the Sponsor aware of possible registration activity related to this project?:** No

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**7.1 Are there other standards or projects with a similar scope?:** Yes

**If Yes please explain:** The umbrella standard 1680 is being revised under an accompanying PAR and answer the following

**Sponsor Organization:** C/EASC

**Project/Standard Number:** 1680

**Project/Standard Date:** 31-Jul-2009

**Project/Standard Title:** Standard for Environmental Assessment of Electronic Products

## 7.2 International Activities

### a. Adoption

**Is there potential for this standard (in part or in whole) to be adopted by another national, regional or international**

organization?: Do Not Know

**Organization:**

**Technical Committee Name:**

**Technical Committee Number:**

**Contact Name:**

**Phone:**

**Email:**

**b. Joint Development**

**Is it the intent to develop this document jointly with another organization?: No**

**c. Harmonization**

**Are you aware of another organization that may be interested in portions of this document in their standardization development efforts?: No**

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**8.1 Additional Explanatory Notes (Item Number and Explanation):** The Working Group edited certain text in the Draft Standard that require changes in the PAR.