P1680.4

Submitter Email: ccleet@itic.org
Type of Project: Modify Existing Approved PAR
PAR Request Date: 16-Oct-2017
PAR Approval Date: 06-Dec-2017
PAR Expiration Date: 31-Dec-2019
Status: Modification to a Previously Approved PAR
Root PAR: P1680.4 Approved on: 30-Sep-2010

1.1 Project Number: P1680.4
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Standard for Environmental Leadership and Corporate Social Responsibility Assessment of Servers
Changes in title: Standard for Environmental Leadership and Corporate Social Responsibility Assessment of Servers

3.1 Working Group: Environmental Assessment of Servers Working Group (C/SAB/1680.4WG)
Contact Information for Working Group Chair
Name: Christopher Cleet
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Contact Information for Working Group Vice-Chair
None

3.2 Sponsoring Society and Committee: IEEE Computer Society/Standards Activities Board (C/SAB)
Contact Information for Sponsor Chair
Name: peastman
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Name: Jon Rosdahl
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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: 07/2016
4.3 Projected Completion Date for Submittal to RevCom
Note: Usual minimum time between initial sponsor ballot and submission to Revcom is 6 months.: 02/2018

5.1 Approximate number of people expected to be actively involved in the development of this project: 30
5.2 Scope: This standard defines environmental and corporate social responsibility performance criteria for computer servers as defined in the ENERGY STAR Server specification.
Changes in scope: This standard defines environmental and corporate social responsibility performance criteria for computer servers as defined in the ENERGY STAR Server specification, including This standard establishes criteria for multiple levels of environmental leadership and corporate social responsibility performance throughout the product life cycle, relating to energy efficiency; management of substances; preferable materials use; product packaging; design for repair, reuse and recycling; product longevity; responsible end-of-life management; and corporate responsibility.

5.3 Is the completion of this standard dependent upon the completion of another standard: No
5.4 Purpose: The purpose of this standard for servers is to establish product environmental performance criteria and corporate performance metrics that exemplify environmental leadership and corporate social responsibility in the market.

The environmental performance criteria of this standard are intended to define a measure of environmental leadership in: the design and manufacture of servers; the delivery of specified services that are associated with the sale of the product; and 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 1680.4 will consist of environmental criteria and other materials that relate specifically to servers. The August 2007 EPEAT Standards Development Roadmap identified servers as a high priority for standard development, based on extensive input from stakeholders.

This Standard is part of the EPEAT family of standards that currently consists of the umbrella standard (1680 Standard for Environmental Assessment of Electronic Products) and the personal computer standard (1680.1 Standard for Environmental Assessment of Personal Computer Products, Including Notebook Personal Computers, Desktop Personal Computers, and Personal Computer Displays). The P1680.2 Standard for Environmental Assessment of Imaging Equipment and the P1680.3 Standard for Environmental Assessment of Televisions are slated to be completed by Fall of 2011). Each of the product-specific standards defines environmental performance measures for the specific product such as servers, and references the umbrella standard (1680 Standard for Environmental Assessment of Electronic Products). The umbrella standard (1680 Standard for Environmental Assessment of Electronic Products) defines the methods by which manufacturers may declare electronic products as conforming with the EPEAT family of standards and by which such conformance may be verified.

5.6 Stakeholders for the Standard: Server manufacturers * Suppliers of materials, equipment and packaging * Electronics equipment recyclers and reuse organizations * Trade associations * Environmental advocacy organizations * Purchasers and users * Resellers/retailers * Environmental representatives of government agencies * Academic experts in the field of electronics and the environment * General public and other

6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No
6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No

7.1 Are there other standards or projects with a similar scope?: No
7.2 Joint Development
Is it the intent to develop this document jointly with another organization?: Yes
Organization: NSF International
Technical Committee Name: Joint Committee on Environmental Leadership Standard for Servers
Technical Committee Number: 426
Contact Name: Jessica Evans
Phone:
Email: jevans@nsf.org

8.1 Additional Explanatory Notes: The PAR is being modified to recognize that the standards development activity will proceed jointly with NSF International 426 once a Memorandum of Understanding has been executed between NSF and IEEE. The following modifications have been made:
2.1 Modified to reflect changes in standard title to add Corporate Social Responsibility
4.3 Modified to anticipated date for submission.
5.2 Scope.
Modified to reflect the limited set of criteria that utilize existing corporate social responsibility standards and programs; in accordance with an approved motion of the Working Group
This par is being modified to synchronize its language with that in the draft standard; note that it does not change the stakeholders for the standard.