



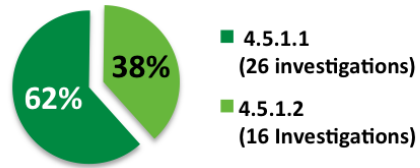
OUTCOMES REPORT

EPEAT VERIFICATION ROUND PC-2013-01

1. Overview of Verification Round

This report provides the detailed results of EPEAT Verification Round PC-2013-01. This Round focused on ENERGY STAR® and consisted of a total of 42 investigations (all Level 1) for the IEEE 1680.1-2009™ criteria listed below:

- 4.5.1.1 Required – ENERGY STAR; and
- 4.5.1.2 Optional – Early adoption of new ENERGY STAR specification.



On June 1, 2013, the new ENERGY STAR Program Requirements and Eligibility Criteria for Displays (Version 6.0) will come into effect. Therefore, investigations of declarations against the “early adopter” criterion (4.5.1.2) were conducted in this Round in order to precede this date.

Verification Round PC-2013-01 also examined ENERGY STAR compliance of desktop computers, workstations and tablet notebooks, including a focus on the more energy-use-intensive configurations of these products. Prior to the beginning of this Verification Round, EPEAT staff compared a selection of these products in the 1680.1 Registry against the US ENERGY STAR qualified computer products list to confirm compliance with criterion 4.5.1.1. Of the products selected, not all were listed in the US ENERGY STAR product list. (Note that criteria 4.5.1.1 and 4.5.1.2 do not require listing by Energy Star; Subscribers may also provide evidence that products meet the technical specifications for energy efficiency in Energy Star’s eligibility criteria.)

2. Summary of Outcomes

Highlights from this Verification Round are:

- **42** Investigations Planned
- **42** Investigations Completed
- **32** Decisions of Conformance
- **10** Decisions of Non-Conformance (reasons identified in Figure 1 below)

FIGURE 1: Overall Conformance Status for PC-2013-01
(as percentages of total investigations)

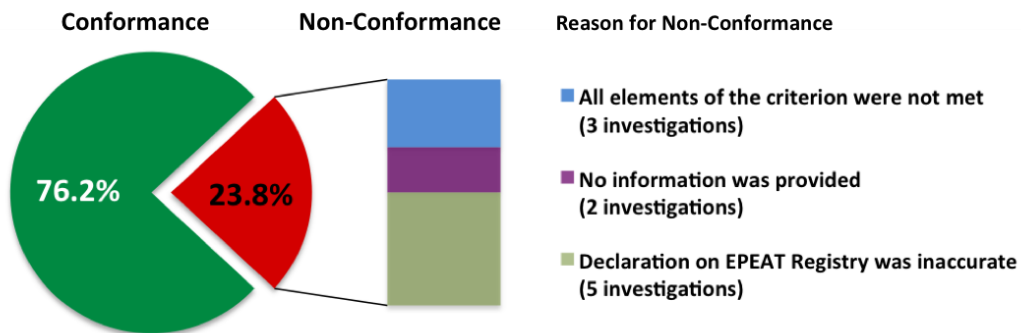
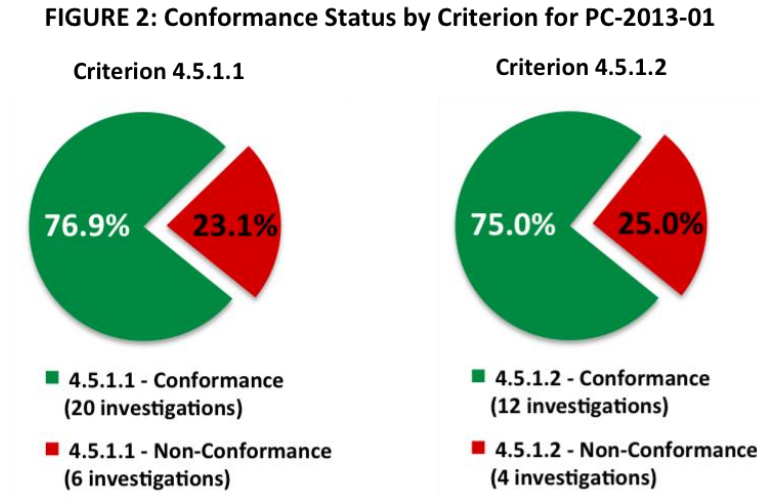


Figure 2 identifies the Conformances and Non-conformances by specific criterion.



The rates of Conformance per criterion were relatively similar – 76.9% Conformance for criterion 4.5.1.1 and 75.0% Conformance for criterion 4.5.1.2. In Section 6, Table 1 presents the number of Non-Conformances by criterion, and Table 2 presents further details on Non-Conformances including the identification of Subscribers and products.

Following the investigation phase, corrective actions were taken to resolve all identified Non-Conformances and restore the accuracy of the EPEAT Registry. The impacts of these corrective actions on the Registry were:

- **1 product** Archived by EPEAT.
- **2 products** Archived by Subscribers, (one of which occurred prior to the end of the Verification Round).
- **4 products** Non-Conformant criteria were un-declared by Subscribers (all of which occurred prior to the end of the Verification Round).
- **3 products** Additional data were provided by Subscribers, bringing the products into Conformance with the criterion as originally declared (one of which was subsequently archived by the Subscriber).

3. Key Lessons

EU Energy Star qualified product of desktop computers:

- During the Verification Round, several Subscribers presented the EU Energy Star qualified product listing as evidence of their desktop computers conforming to criterion 4.5.1.1. Upon review, it was determined that the eligibility criteria of the EU Energy Star program requirements for computers (Version 5.0) were equivalent to those of the US EPA's Energy Star program requirements for computers (Version 5.2). Therefore, these EU Energy Star qualified product listings were accepted as evidence of Conformance during this Verification Round.

New US EPA Energy Star specification for Displays coming into effect soon:

- On June 1, 2013, the new ENERGY STAR Program Requirements and Eligibility Criteria for Displays (Version 6.0) will come into effect. Therefore, as of that date, all displays in the EPEAT Registry must be qualified to or comply with the eligibility criteria of this new specification.
- Message to Subscribers: As of June 1, 2013, Subscribers should be able to support the declaration of meeting Version 6.0 for displays by either having the displays listed in the US EPA's Energy Star qualified product listing or having appropriate test data indicating the models meet the eligibility criteria of Version 6.0. Correspondence was sent to all Subscribers, in which they were asked to review their product declarations for displays, and ensure that they are accurate by 17:00 UTC-8 (5pm Pacific time) on May 31, 2013. Any displays not declared to the new Program Requirements and Eligibility Criteria were archived by EPEAT on June 1, 2013.

4. General Message to Subscribers

Provision of information for Verification Rounds: The IEEE 1680 standard and the EPEAT subscriber agreements require that Subscribers provide the information identified in Verification Requirements to prove the accuracy of their declarations within 30 days of EPEAT's request. Failure to provide that information is inconsistent with the agreement and may result in termination of the Subscriber from EPEAT.

Initial response to Qualified Verifiers: When contacted regarding participation in a Verification Round, EPEAT staff continue to request that Subscribers respond to the Qualified Verifier as soon as possible to let them know they are communicating with the correct person or to inform them of the correct contact. This also helps the Qualified Verifier know that s/he has a valid email address.

5. Looking Forward

Plans for Future Verification Activities: There are five additional Verification Rounds planned for 2013 for 1680.1 for Computers and Displays (a total annual goal of 344 investigations). Investigations may include Level 1, Level 2 and/or Level 3 investigations.

Conformity Assessment Protocols: This and all future Verification Rounds have and will be conducted according to the guidance provided in the Conformity Assessment Protocols posted on www.epeat.net.

6. Investigations Tables

TABLE 1: Summary of Non-Conformance Findings					
Criterion	Required or Optional	Description	Total Investigations	Completed Investigations	Non-Conformances
4.5.1.1	Required	ENERGY STAR	26	26	6
4.5.1.2	Optional	Early adoption of new ENERGY STAR specification	16	16	4

TABLE 2: Specific Non-Conformance Findings and Corrective Action Taken

Subscriber	Product	Country	Product Type	Criterion	Required or Optional	Criterion Description	NC Finding Description	Corrective Action Taken
Arquimedes Automacao e Informatica Ltda	Arquimedes E2043Fk	Brazil	Display	4.5.1.2	Optional	Early adoption of new ENERGY STAR specification	Declaration on EPEAT Registry was inaccurate	Subscriber undeclared the Non-Conformant criterion (prior to end of Round)
	Arquimedes E2243Fwk	Brazil	Display	4.5.1.2	Optional	Early adoption of new ENERGY STAR specification	Declaration on EPEAT Registry was inaccurate	Subscriber undeclared the Non-Conformant criterion (prior to end of Round)
	Arquimedes e950Swda	Brazil	Display	4.5.1.2	Optional	Early adoption of new ENERGY STAR specification	Declaration on EPEAT Registry was inaccurate	Subscriber undeclared the Non-Conformant criterion (prior to end of Round)
Grace Global, Inc.	Grace J-Box N425ssp	United States	Desktop	4.5.1.1	Required	ENERGY STAR	All elements of the criterion were not met	Subscriber archived the product
Hewlett-Packard	HP Pavilion 22xi 21.5-Inch IPS LED Backlit Monitor	United States	Display	4.5.1.2	Optional	Early adoption of new ENERGY STAR specification	Declaration on EPEAT Registry was inaccurate	Subscriber undeclared the Non-Conformant criterion (prior to end of Round)
Ilhaservice Servicos de Informatica Ltda.	IlhaWay IWQ9000	Brazil	Desktop	4.5.1.1	Required	ENERGY STAR	No information was provided	EPEAT archived the product (Subscriber subsequently left the Registry)
Login Informatica	Login Informatica L4100	Brazil	Desktop	4.5.1.1	Required	ENERGY STAR	All elements of the criterion were not met	Subscriber provided evidence demonstrating Conformance
Positivo Informatica S.A.	POSITIVO POS AT SERIES K (I3PE)	Brazil	Desktop	4.5.1.1	Required	ENERGY STAR	Declaration on EPEAT Registry was inaccurate	Subscriber archived the product (prior to end of Round)
TEKNOSERVICE, S.L.	TTL Computer® Teknopack	Spain	Desktop	4.5.1.1	Required	ENERGY STAR	No information was provided	Subscriber provided evidence demonstrating Conformance
Transource	Transource MIR-795HM	United States	Desktop	4.5.1.1	Required	ENERGY STAR	All elements of the criterion were not met	Subscriber provided evidence demonstrating Conformance, and archived the product.

7. Background

To assure the credibility of the EPEAT Registry, verification of the claims by participating manufacturers (called “Subscribers”) are rigorous, independent and transparent. Verification is conducted strictly according to policies and procedures described in the IEEE 1680 Standard and in documents provided on www.epeat.net. Subscribers are given no forewarning that their products will be verified and verification is performed based on the declarations as they are in the database at the time the round begins.

In Level 1 verification investigations, Subscribers are required to provide detailed and accurate information to demonstrate their conformance to each criterion of the standard in a timely manner that demonstrates Conformance, such as supply chain management records. In Levels 2 and 3 investigations, EPEAT buys or borrows products without the Subscriber’s knowledge, disassembles them, and conducts detailed analytical testing if needed.

Investigations are performed by expert technical contractors who are free of conflicts of interest, and their recommended decisions are reviewed and finalized by a five-person panel of independent technical experts (called the Product Verification Committee) who are also contractors free of conflicts of interest. Verification activities conducted by the Product Verification Committee are done blind to the identity of the products and companies they are judging. The Committee makes a Conformance/Non-Conformance decision on each investigation, based on evidence collected and analyzed by Qualified Verifiers. A serious consequence of receiving a Non-Conformance is that it is published publicly in an Outcomes Report, for purchasers, competitors, and others to see.

Subscribers must correct Non-Conformances, either by bringing the product into Conformance, by un-declaring the criterion until Conformance is achieved, or by removing the product from the Registry. (EPEAT recommends that Subscribers also examine other products to determine if these declarations should be corrected as well.) If a Subscriber corrects the Non-Conformance by un-declaring the criterion and the criterion is an optional criterion, they lose that point, and possibly the product drops a tier. If it is a required criterion, they must archive the product. If it is a required corporate criterion, all their products must be archived.