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

OFFICE OF
AIR AND RADIATION

October 24, 2013

Dear ENERGY STAR Computer Servers Stakeholder or Other Interested Party:

The U.S. Environmental Protection Agency (EPA) has been made aware of an update to the Standard Performance Evaluation Corporation (SPEC) Server Efficiency Rating Tool (SERT). Computer Servers should now be tested using **SERT Version 1.0.2**.

It should be noted that 32 bit servers are now included as a result of this update. However, this is a minor revision to the tool that does not affect output results. Results submitted using previous versions of SERT will continue to be valid for ENERGY STAR Computer Servers certification. Retesting is not required. Please direct questions regarding this change to Meyers.Robert@epa.gov.

Clarification to Version 2.0 Computer Server Specification and Test Method

This clarification updates references to SERT in the Version 2.0 ENERGY STAR Computer Servers Specification and Test Method. All instances of SERT now refer to the most current version of the tool. Please also note that the header of both the Eligibility Criteria and Test Method have been updated to "Oct-2013" to reflect the date of these clarifications:

- Eligibility Criteria Version 2.0 Rev.**Oct**-2013 Section 6.1.1
  - Table 5: Test Methods for ENERGY STAR Qualification
    - Standard Performance Evaluation Corporation (SPEC) **most current**[1] Server Efficiency Rating Tool (SERT)
- Test Method Rev. **Oct**-2013 Section 4
  - Section 4.D.1 – Compliance: The power analyzer shall be chosen from the list of power measuring devices specified in the **most current**[1] Server Efficiency Rating Tool (SERT)[TM2] Design Document[3].
  - Section 4.E.1 – Compliance: The temperature sensor shall be chosen from the list of temperature measuring devices specified in the **most current**[1] SERT Design Document[3]**.**
  - Section 4.F – Active State Test Tool: **The most current**[1] **version of** SERT, provided by Standard Performance Evaluation Corporation (SPEC)[4].
  - Section 4.H – General SERT Requirements: Any additional requirements specified in any SPEC or **the most current**[1] **SERT** supporting documents shall be followed, unless otherwise specified in this test method.
- Test Method Rev. **Oct**-2013 Section 5.2.M
  - Install **the most current**[1] SERT on the UUT and the Controller System as specified in the **most current**[1] SERT User Guide[5].

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[1] For the purposes of this document, the most current SERT version is listed in the most recently published Servers 2.0 Clarification Memo, located on the Enterprise Servers Specification Version 2.0 website (https://www.energystar.gov/products/specs/enterprise_servers_specification_version_2_0_pd/)

[2] http://www.spec.org/sert/

[3] http://www.spec.org/sert/docs/SERT-Design_Document.pdf

[4] http://www.spec.org/

- <u>Test Method Rev. **Oct**-2013 Section 6.2</u>
    - Section 6.2.B – Between 5 and 15 minutes after the completion of initial boot or log in, follow the **most current** SERT User Guide[5] to engage SERT.
    - Section 6.2.C – Follow all steps outlined in the **most current**[1] SERT User Guide to successfully run SERT.

Thank you for your continued support of the ENERGY STAR program.

Sincerely,
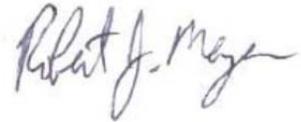
Robert Meyers
Product Manager, ENERGY STAR Computer Servers

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[5] http://www.spec.org/sert/docs/SERT-User_Guide.pdf