NSF Standard(s) Impacted: NSF 426

Background:

Provide a brief background statement indicating the cause and nature of concern, the impacts identified relevant to public health, public understanding, etc, and any other reason why the issue should be considered by the Committee. Reference as appropriate any specific section(s) of the standard(s) that are related to the issue.

References to the ENERGY STAR program vary throughout the NSF 426 standard, where in some cases a specific version is stated and in other cases it references "the most current version".

With each new version, ENERGY STAR is updated to follow along with product and technology evolution. Recently, as a result of the new active efficiency metric, the scope of products included in ENERGY STAR was updated for version 3.0 and is different from the previous version 2.1.

It is a good practice when citing a reference to not call out a specific version so that the EPEAT standard stays current and relevant.

Recommendation:

Clearly state what action is needed: e.g., recommended changes to the standard(s) including the current text of the relevant section(s) indicating deletions by use of ~~strike-out~~ and additions by highlighting or underlining; e.g., reference of the issue to a Task Group for detailed consideration; etc.

All references to ENERGY STAR should cite the most current version, as in 5.1.1.

Section 2: ENERGY STAR *Program Requirements for Computer Servers ~~Version 2.1~~[3]*

3.1.8 computer server[3]: Hardware system providing services and manage networked resources for client devices (e.g., desktop computers, notebook computers, thin clients, wireless devices, PDAs, IP telephones, other computer servers, or other network devices).
> NOTE 1 — For the purposes of this Standard, the definition of computer server aligns with the most current version of the ENERGY STAR Program Requirements for Computer Servers ~~2.1~~. A computer server: …

3.1.49 product: A computer server:
— within the scope of the most current version of the ENERGY STAR Program Requirements for Computer Servers ~~Version 2.1~~, including managed servers and blade servers, and
— a marketing model with one or more specific configurations identified, inclusive of the product's full range of configurations and as tested for compliance with ENERGY STAR.
> NOTE 1 — Refer to the most current version of the ENERGY STAR Program Requirements for Computer Servers ~~Version 2.1 defines~~ for the definition of a computer server. ~~as all hardware and materials contained within the chassis, including the power supply unit.~~

5.5.2 Optional – Reduce energy lost from power conversion
The product shall operate at high voltage AC power, 400/230v or 480/277v to reduce energy loss from power conversion during distribution and provide an overall higher system efficiency. The product shall be tested using the methodology specified in the most current version of the *ENERGY STAR Program Requirements for Computer Servers ~~Version 2.1~~*.

5.5.3 Optional - Logged server activity metrics

Product shall have the capability to log the metrics specified in the Standard Performance Data Measurements and Output Requirements section Section 5 of the *most current version of the ENERGY STAR Program Requirements for Computer Servers Version 2.0*.

Supplementary Materials (photographs, diagrams, reports, etc.):
If not provided electronically, the submitter will be responsible to have sufficient copies to distribute to committee members.

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Is this a revision of a previous Issue Paper (if yes put original issue number):_____

Submission Date: Original issue paper submitted 5/3/2019. Revision submitted 8/27/2019 based on additional revisions proposed during JC meeting on 8/27/2019

Please submit to: Joint Committee Secretariat or to standards@nsf.org

Type written name will suffice as signature