MEMORANDUM

TO: NSF Joint Committee on Environmental Leadership and Corporate Social Responsibility Assessment of Servers

FROM: Jennifer Costley, Chairperson of the Joint Committee

DATE: October 21, 2019

SUBJECT: Proposed Revision to *NSF/ANSI 426 – 2018 Environmental Leadership and Corporate Social Responsibility Assessment of Servers (426i8r1)*

Draft 1 of NSF/ANSI 426, issue 8 is being forwarded to the Joint Committee for consideration. Please review the changes proposed to this standard and **submit your vote by the ballot due date of November 4, 2019** via the NSF online workspace (http://standards.nsf.org).

Each Joint Committee member will vote *affirmative*, *abstain*, or *negative with comment*. Each negative vote **must** be justified in the comment section. Please include exactly why you oppose and what changes must be made in order for you to support the proposed draft.

When adding comments, please identify the section number/name for your comment and add all comments under one comment number whenever possible. If you need additional space, please upload a word or pdf version of your comments online via the browse function.

A copy of the NSF International Standard Development and Maintenance Policies are available here for further information on the process.

Purpose

The purpose of this ballot is to vote and comment on proposed revisions to NSF/ANSI 426 regarding updating the reference to ENERGY STAR in order to reference the most current version in criteria 3.1.8, 3.1.49, 5.5.2 and 5.5.3.

Background

A proposal was submitted to revise the ENERG STAR reference in criteria 3.1.8, 3.1.49, 5.5.2 and 5.5.3 in order to reference the most current version of ENERGY STAR.

This issue was presented at the August 27, 2019 JC meeting and the committee voted in favor of balloting the proposed revision with additional changes as noted during the meeting. The additional change proposed during the meeting was to remove “Version” from ENERG STAR reference under Section 2 Normative reference. A revised issue paper was submitted to address the additional revisions proposed and motioned to ballot during the August 27, 2019 JC meeting. Please see the issue paper (2019 NSF 426 Issue Paper 1) and the August 27, 2019 JC meeting summary under the referenced items for additional information.

Public Health Impact

The proposed revisions to the standard intend to have a positive impact on public health.

If you have any questions about the technical content of the ballot, you may contact me in care of:

Jennifer Costley, Chairperson
Joint Committee on Environmental Leadership and Corporate Social Responsibility Assessment of Servers
c/o Joint Committee Secretariat,
Jessica Slomka
NSF International
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jslomka@nsf.org

[Note – the changes are illustrated below using ~~strikeout~~ for proposed removal of existing text and grey highlights to indicate the proposed new text. ONLY the highlighted text and ~~strikeout~~ text is within the scope of this ballot.]

NSF/ANSI Standard
for Sustainability –

Environmental Leadership and Corporate Social Responsibility Assessment of Servers

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2 Normative references

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

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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:

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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.~~

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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*~~.

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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.*~~

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