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



OFFICE OF AIR AND
RADIATION

February 19, 2020

Dear ENERGY STAR® Data Center Storage Partner or Other Interested Stakeholder,

With this letter, the U.S. Environmental Protection Agency (EPA) is releasing the [Draft 2, Version 2.0 ENERGY STAR Data Center Storage Specification](#). Stakeholders are encouraged to submit comments to storage@energystar.gov by March 20, 2020.

In response to the Draft 1, Version 2.0 specification released for stakeholder review, comments focused on aligning ENERGY STAR definitions with those of Emerald V4.0, adjusting the internal power supply requirements, and on concerns regarding the active requirements for transaction and streaming optimized systems. EPA reviewed our dataset and market conditions and hosted follow-up discussion with stakeholders. Based on the comments and additional analysis, EPA has accommodated stakeholder feedback as follows:

- EPA supports alignment with Emerald V4.0 and has revised the definitions.
- Market research affirmed the conditions raised with respect to internal power supplies and relevant redundant requirements are now applied to all products.
- Criteria levels have been adjusted for transaction and streaming workload types. These changes consider stakeholder feedback regarding the difficulty in attaining the criteria levels for the most common configuration types as well as anticipated changes in the market during the life of Version 2.0.

Comment Submittal

EPA welcomes stakeholder input on the attached Draft 2, Version 2.0 specification. Stakeholders are encouraged to submit any comments to storage@energystar.gov by March 20, 2020. All comments will be posted to the [ENERGY STAR Product Development website](#) unless the submitter requests otherwise.

Stakeholder Webinar

EPA will host a webinar to answer any questions on this Draft 1 specification on March 4, 2020 from 1-3 PM Eastern Time. Please register [here](#) if you plan on attending.

The exchange of ideas and information between EPA, industry, and other interested parties is critical to the success of ENERGY STAR. Specifications and meeting materials will be distributed via email and posted on the ENERGY STAR website. To track EPA's progress on this specification, please visit the [storage product development website](#).

Please contact me at Fogle.Ryan@epa.gov or (202) 343-9153 or John Clinger, ICF, at John.Clinger@icf.com or (215) 967-9407 with questions or concerns about this specification revision. For other Data Center Storage related questions, please contact storage@energystar.gov.

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

Sincerely,



Ryan Fogle
EPA Manager, ENERGY STAR for IT and Data Center Products

Enclosures:
[Draft 2, Version 2.0](#)

For more information, visit: www.energystar.gov

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